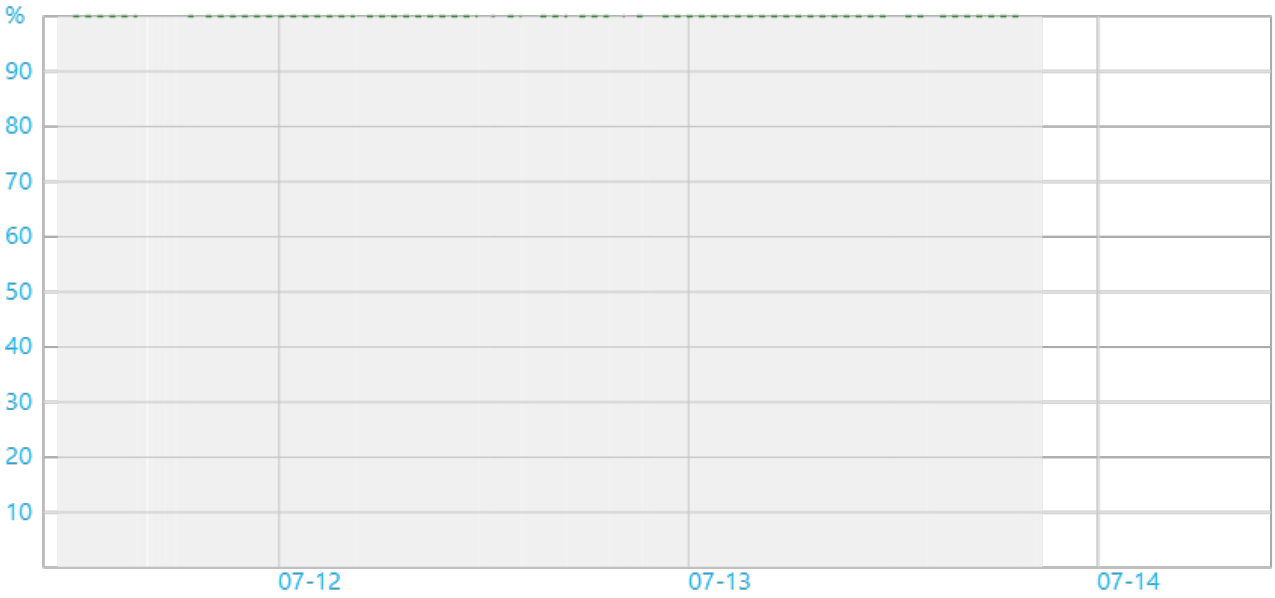
System Power Report

COMPUTER NAME	DELL
SYSTEM PRODUCT NAME	Dell Inc. Inspiron 5515
BIOS	1.2.0 05/13/2021
OS BUILD	19041.1.amd64fre.vb_release.191206-1406
PLATFORM ROLE	Mobile
REPORT TIME	2021-07-14 10:11:26

System Power State Transitions

Battery drains over the last 3 days



Legend

GRAPH LINE	DESCRIPTION
Dotted	AC power
Solid	Battery power
No line	System powered off
Grey	Active Scenario
Green	Low System Activity
Orange	Moderate System Activity
Red	High System Activity
Violet	Abnormal Shutdown

Filter Option.

Session Length:

(•) All ( ) > 10 min

States:

(•) All ( ) Active ( ) Screen Off ( ) Sleep ( ) Hibernate ( ) Shutdown ( ) Bug Check

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
1	2021-07-11 17:57:19	0:00:16	Screen Off	-	-	-	Charge	-	100%

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
2	17:57:35	1:02:23	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%
3	18:59:54	0:00:14	Screen Off	-	-	-	Charge	-		100%
4	19:00:08	16:38:17	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%
5	2021-07-12 11:38:21	1:02:59	Active	-	-	-	Charge	-		100%
6	12:41:21	0:00:03	Screen Off	-	-	-	Charge	-		100%
7	12:41:24	1:31:11	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%
8	14:12:31	0:17:19	Active	-	-	-	Charge	-		100%
9	14:29:50	0:00:16	Screen Off	-	-	-	Charge	-		100%
10	14:30:06	2:23:22	Sleep	-	-	-	Charge	SW: 98%	HW: 97%	100%
11	16:53:23	0:00:03	Screen Off	-	-	-	Charge	-		100%
12	16:53:27	2:26:55	Sleep	-	-	-	Charge	SW: 99%	HW: 98%	100%
13	19:20:17	0:55:40	Active	-	-	-	Charge	-		100%
14	20:15:58	0:00:18	Screen Off	-	-	-	Charge	-		100%
15	20:16:17	1:02:19	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%
16	21:18:32	0:00:00	Screen Off	-	-	-	Charge	-		100%
17	21:18:32	0:00:00	Sleep	-	-	-	Charge	-		100%
18	21:18:33	0:00:25	Screen Off	-	-	-	Charge	-		100%
19	21:18:58	0:00:00	Sleep	-	-	-	Charge	-		100%
20	21:18:59	0:01:02	Screen Off	-	-	-	Charge	-		100%
21	21:20:01	0:00:00	Sleep	-	-	-	Charge	-		100%
22	21:20:02	0:01:01	Screen Off	-	-	-	Charge	-		100%
23	21:21:04	0:17:12	Sleep	-	-	-	Charge	SW: 95%	HW: 95%	100%
24	21:38:11	0:08:04	Active	-	-	-	Charge	-		100%
25	21:46:15	0:00:00	Screen Off	-	-	-	Charge	-		100%
26	21:46:16	0:00:00	Sleep	-	-	-	Charge	-		100%
27	21:46:16	0:00:00	Screen Off	-	-	-	Charge	-		100%
28	21:46:16	14:01:03	Sleep	-	-	-	Charge	SW: 100%	HW: 100%	100%
29	2021-07-13 11:47:15	0:12:27	Active	-	-	-	Charge	-		100%
30	11:59:43	0:00:29	Screen Off	-	-	-	Charge	-		100%

	START TIME	DURATION	STATE	ENERGY CHANGE			CHANGE RATE	% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
31	12:00:12	2:01:22	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%
32	14:01:30	0:01:55	Screen Off	-	-	-	Charge	-		100%
33	14:03:25	5:31:54	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%
34	19:35:14	0:49:16	Active	-	-	-	Charge	-		100%
35	20:24:30	0:00:17	Screen Off	-	-	-	Charge	-		100%
36	20:24:47	13:43:20	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%
37	2021-07-14 10:08:02	0:03:22	Active	-	-	-	Charge	-		100%
38	10:11:26	0:00:00	Report Generated	-	-	-	-	-		-

Analysis Results

Analysis of issues that might cause poor battery life

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
1	2021-07-11 17:57:19	0:00:16	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE			CHANGE RATE	% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
2	2021-07-11 17:57:35	1:02:23	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Image Download Manager	Activator	1%	0:00:37
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	1%	0:00:29

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	1%	0:00:29
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	1%	0:00:19

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
3	2021-07-11 18:59:54	0:00:14	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
4	2021-07-11 19:00:08	16:38:17	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:01:07
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:40
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:40
High Definition Audio Controller (_SB.PCI0.GP17.AZAL)	Fx Device	0%	0:00:11

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE			CHANGE RATE	% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
5	2021-07-12 11:38:21	1:02:59	Active	-	-	-	Charge	-	100%

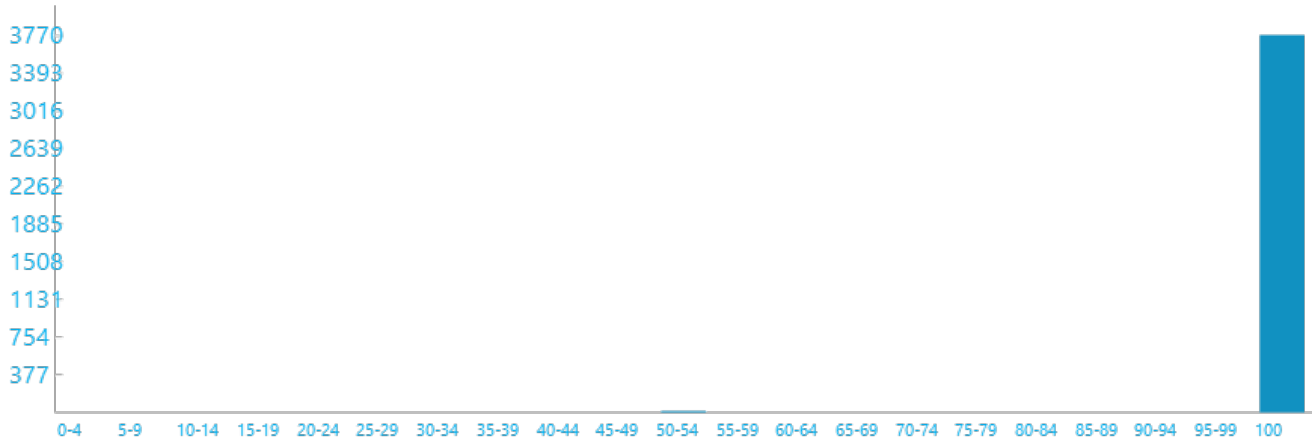
Session ID: 1b2c74dc-2b95-46bf-a77a-c5462107a18d

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
6	2021-07-12 12:41:21	0:00:03	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
7	2021-07-12 12:41:24	1:31:11	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Image Download Manager	Activator	1%	0:00:54
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	1%	0:00:45
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	1%	0:00:45
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	1%	0:00:44
Low Power Phase	PDC Phase	0%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
8	2021-07-12 14:12:31	0:17:19	Active	-	-	-	Charge	-	100%

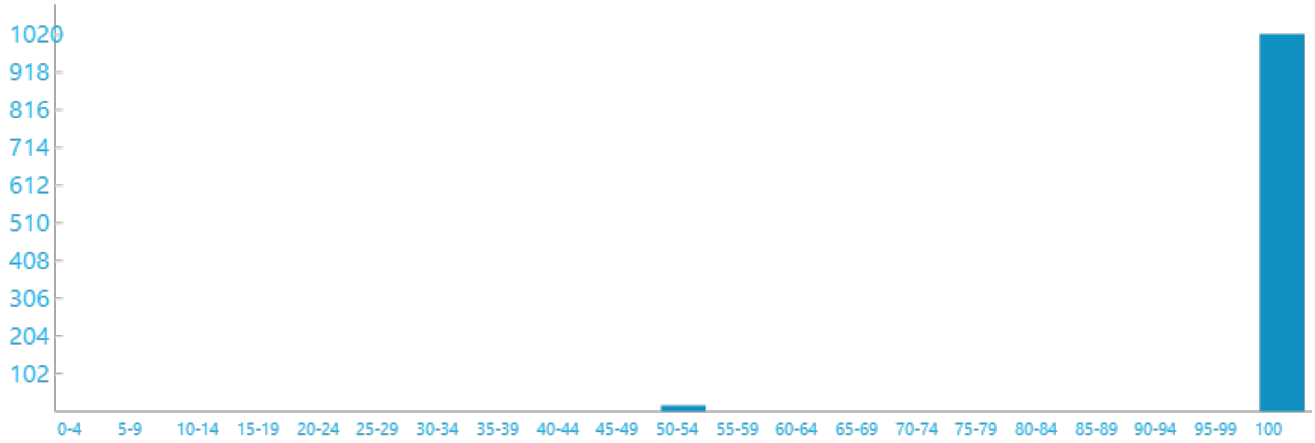
Session ID: 4e99675a-2580-4145-a7d1-2f67dc37bffb

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
9	2021-07-12 14:29:50	0:00:16	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
10	2021-07-12 14:30:06	2:23:22	Sleep	-	-	-	Charge	SW: 98%	HW: 97%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Image Download Manager	Activator	1%	0:01:26
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:37
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:37
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:00:32

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
11	2021-07-12 16:53:23	0:00:03	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
12	2021-07-12 16:53:27	2:26:55	Sleep	-	-	-	Charge	SW: 99%	HW: 98%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:00:26
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:15
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:15
Low Power Phase	PDC Phase	0%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
13	2021-07-12 19:20:17	0:55:40	Active	-	-	-	Charge	-	100%

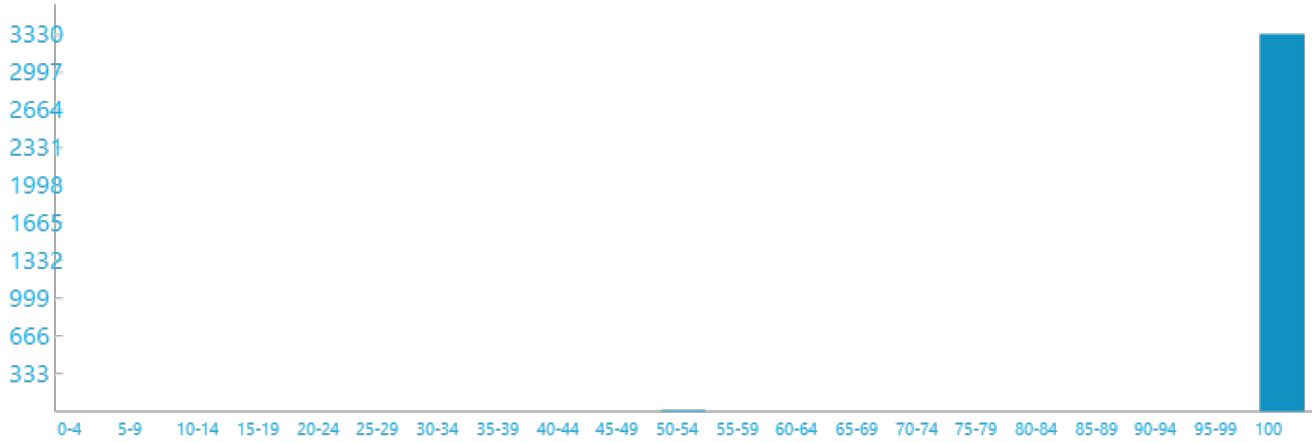
Session ID: af4d4ff5-1394-41e8-9f64-80d6a4ef04dc

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
14	2021-07-12 20:15:58	0:00:18	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
15	2021-07-12 20:16:17	1:02:19	Sleep	-	-	-	Charge	SW: 97%	HW: 97%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	1%	0:00:37

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	1%	0:00:37
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	1%	0:00:30
Low Power Phase	PDC Phase	0%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
16	2021-07-12 21:18:32	0:00:00	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session contains no detailed information about top offenders.

OS State Data

Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
17	2021-07-12 21:18:32	0:00:00	Sleep	Transition To Sleep	Transition From Sleep	100%

This session contains no detailed information about top offenders.

OS State Data

Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
18	2021-07-12 21:18:33	0:00:25	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session contains no detailed information about top offenders.

OS State Data
Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
19	2021-07-12 21:18:58	0:00:00	Sleep	Transition To Sleep	Transition From Sleep	100%

This session contains no detailed information about top offenders.

OS State Data
Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
20	2021-07-12 21:18:59	0:01:02	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session contains no detailed information about top offenders.

OS State Data
Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
21	2021-07-12 21:20:01	0:00:00	Sleep	Transition To Sleep	Transition From Sleep	100%

This session contains no detailed information about top offenders.

OS State Data
Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
22	2021-07-12 21:20:02	0:01:01	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE	CHANGE RATE	% LOW POWER STATE TIME	% CAPACITY REMAINING AT START

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
23	2021-07-12 21:21:04	0:17:12	Sleep	-	-	-	Charge	SW: 95%	HW: 95%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	1%	0:00:14
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	1%	0:00:14
Image Download Manager	Activator	1%	0:00:10
Low Power Phase	PDC Phase	1%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
24	2021-07-12 21:38:11	0:08:04	Active	-	-	-	Charge	-	100%

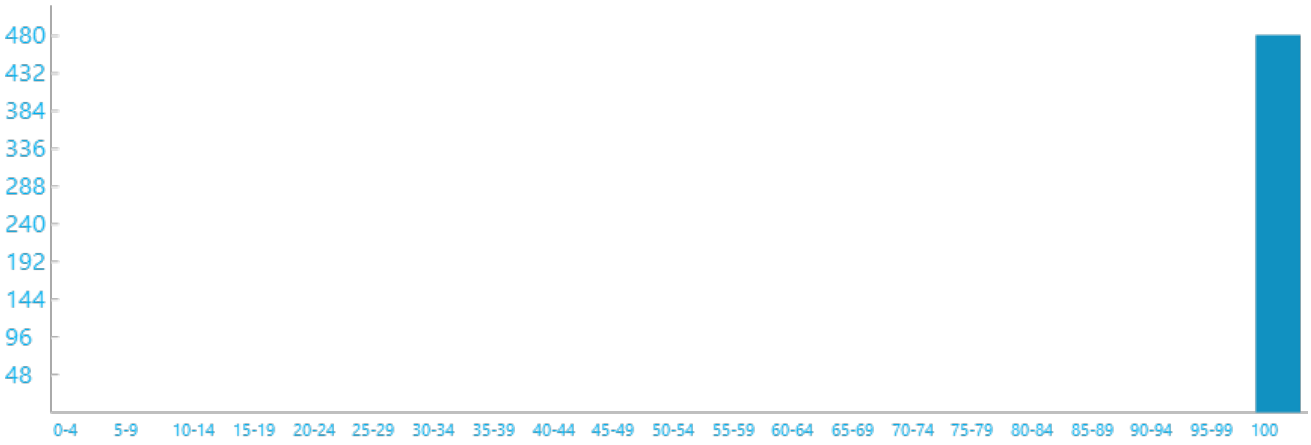
Session ID: 06c4b6c6-8d71-472c-ac96-bf12f247a85b

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
25	2021-07-12 21:46:15	0:00:00	Screen Off	Lid	Transition To Sleep	100%

This session contains no detailed information about top offenders.

OS State Data

Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
26	2021-07-12 21:46:16	0:00:00	Sleep	Transition To Sleep	Transition From Sleep	100%

This session contains no detailed information about top offenders.

OS State Data

Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
27	2021-07-12 21:46:16	0:00:00	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
28	2021-07-12 21:46:16	14:01:03	Sleep	-	-	-	Charge	SW: 100%	HW: 100%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:00:48
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:38
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:38
Low Power Phase	PDC Phase	0%	0:00:05
USB xHCI Compliant Host Controller (_SB.PCI0.GP17.XHC1)	Fx Device	0%	0:00:04

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
29	2021-07-13 11:47:15	0:12:27	Active	-	-	-	Charge	-	100%

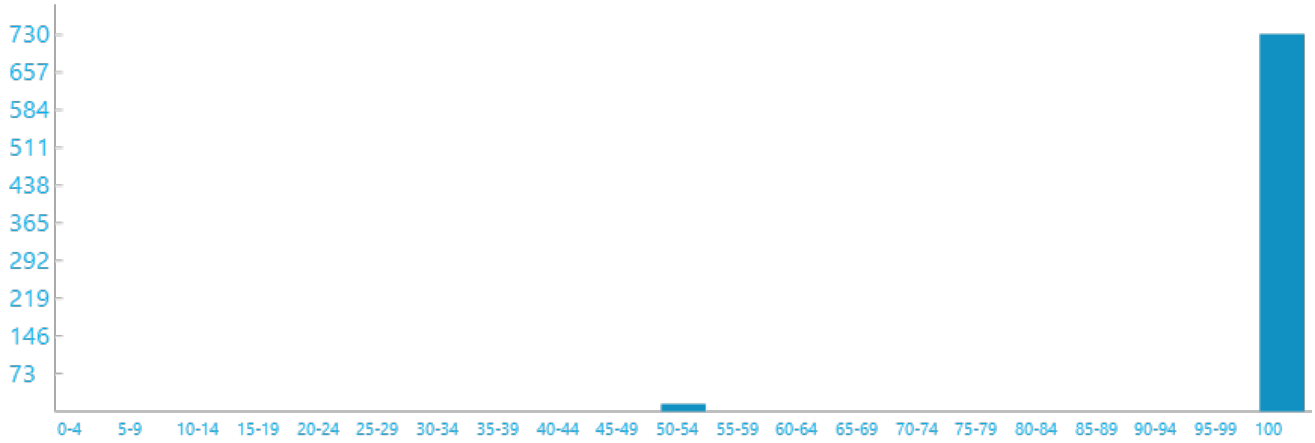
Session ID: ea21138a-90d8-4ef1-97c7-cc87b8bedaa0

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
30	2021-07-13 11:59:43	0:00:29	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
31	2021-07-13 12:00:12	2:01:22	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:00:10
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:07
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:07
Low Power Phase	PDC Phase	0%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
32	2021-07-13 14:01:30	0:01:55	Screen Off	Transition From Sleep	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
33	2021-07-13 14:03:25	5:31:54	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:00:37
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:00:37
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:00:33
Low Power Phase	PDC Phase	0%	0:00:05

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
34	2021-07-13 19:35:14	0:49:16	Active	-	-	-	Charge	-	100%

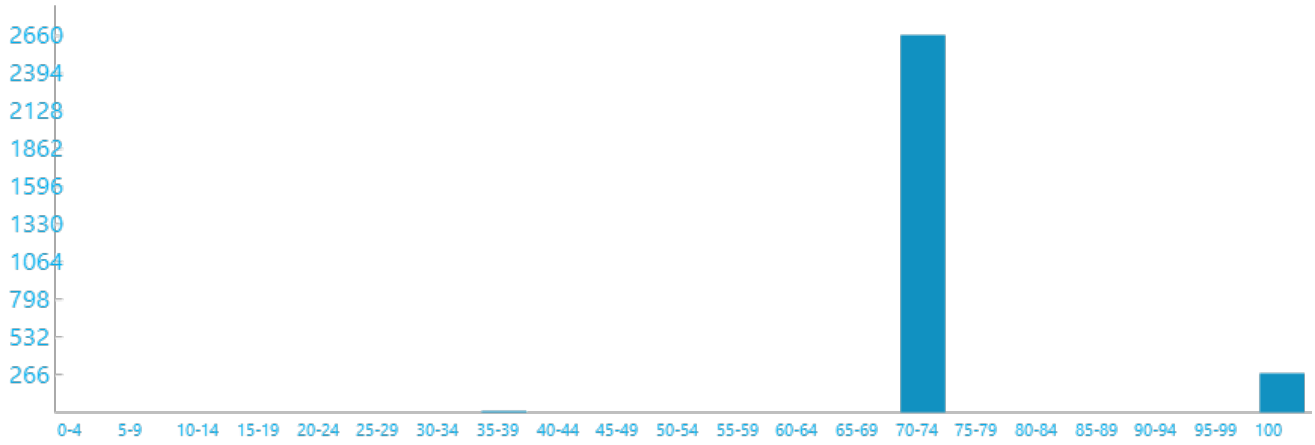
Session ID: de441d0e-6d1f-416d-a241-4848a17bc393

Entry reason: MonitorOn

Exit reason: MonitorOff

Screen Brightness Duration Histogram

Duration in seconds at various screen brightness levels



Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Screen Off

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
35	2021-07-13 20:24:30	0:00:17	Screen Off	Video Idle Timeout	Transition To Sleep	100%

This session does not show detailed information about top offenders because it is not long enough.

Top

System Power State: Sleep

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME		% CAPACITY REMAINING AT START
36	2021-07-13 20:24:47	13:43:20	Sleep	-	-	-	Charge	SW: 99%	HW: 99%	100%

DRIPS Histogram

Percent of time spent in DRIPS bucketed by time interval length

Top Offenders

Top 5 offenders, ranked by active time

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
Intel(R) Wi-Fi 6 AX200 160MHz (_SB.PCI0.GPP4.WLAN)	Fx Device	0%	0:01:31
PCI Express Root Port (_SB.PCI0.GPP4)	Fx Device	0%	0:01:31
PCI Express Root Port (_SB.PCI0.GPP1)	Fx Device	0%	0:01:24

NAME	TYPE	% ACTIVE TIME	ACTIVE TIME
USB xHCI Compliant Host Controller (_SB.PCI0.GP17.XHC1)	Fx Device	0%	0:00:20

+ Activators

+ Processors

+ Fx Devices

+ PDC Phases

+ PEP Pre-Vetoes

+ SoC Subsystems

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Active

	START TIME	DURATION	STATE	ENERGY CHANGE		CHANGE RATE		% LOW POWER STATE TIME	% CAPACITY REMAINING AT START
37	2021-07-14 10:08:02	0:03:22	Active	-	-	-	Charge	-	100%

Srum Data

Data obtained from the SRUM database. * in Power Estimation means the power value is from energy meter. Otherwise, it is from software model estimation.

+ Energy Meter

+ Power Estimation

Top

System Power State: Report Generated

	START TIME	DURATION	STATE	ENTRY REASON	EXIT REASON	% CAPACITY REMAINING AT START
38	2021-07-14 10:11:26	0:00:00	Report Generated	----	----	-

OS State Data

Data obtained from the Event Viewer Logger.

+ Detailed OS State Data

Installed batteries

Information about each currently installed battery

	BATTERY 1
NAME	DELL VKYJX14
MANUFACTURER	SWD-ATL3.660
SERIAL NUMBER	5834

	BATTERY 1
CHEMISTRY	LiP
DESIGN CAPACITY	54,000 mWh
CAPACITY RATIO	100%
CYCLE COUNT	-