

www.phoronix-test-suite.com

bioshock-28sep2020-2

AMD Ryzen 7 3800X 8-Core testing with a Gigabyte X570 I AORUS PRO WIFI (F3 BIOS) and AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 8GB on Arch rolling via the Phoronix Test Suite.

Test Systems:

AMD Radeon RX 5600 OEM

Processor: AMD Ryzen 7 3800X 8-Core @ 3.90GHz (8 Cores / 16 Threads), Motherboard: Gigabyte X570 I AORUS PRO WIFI (F3 BIOS), Chipset: AMD Starship/Matisse, Memory: 32GB, Disk: 1000GB Samsung SSD 970 EVO Plus 1TB + 2000GB My Passport 0827, Graphics: AMD Radeon RX 5600 OEM/5600 XT / 5700/5700 8GB (2100/875MHz), Audio: AMD Navi 10 HDMI Audio, Monitor: S2719DGF + DELL U2412M, Network: Intel I211 + Intel Wi-Fi 6 AX200

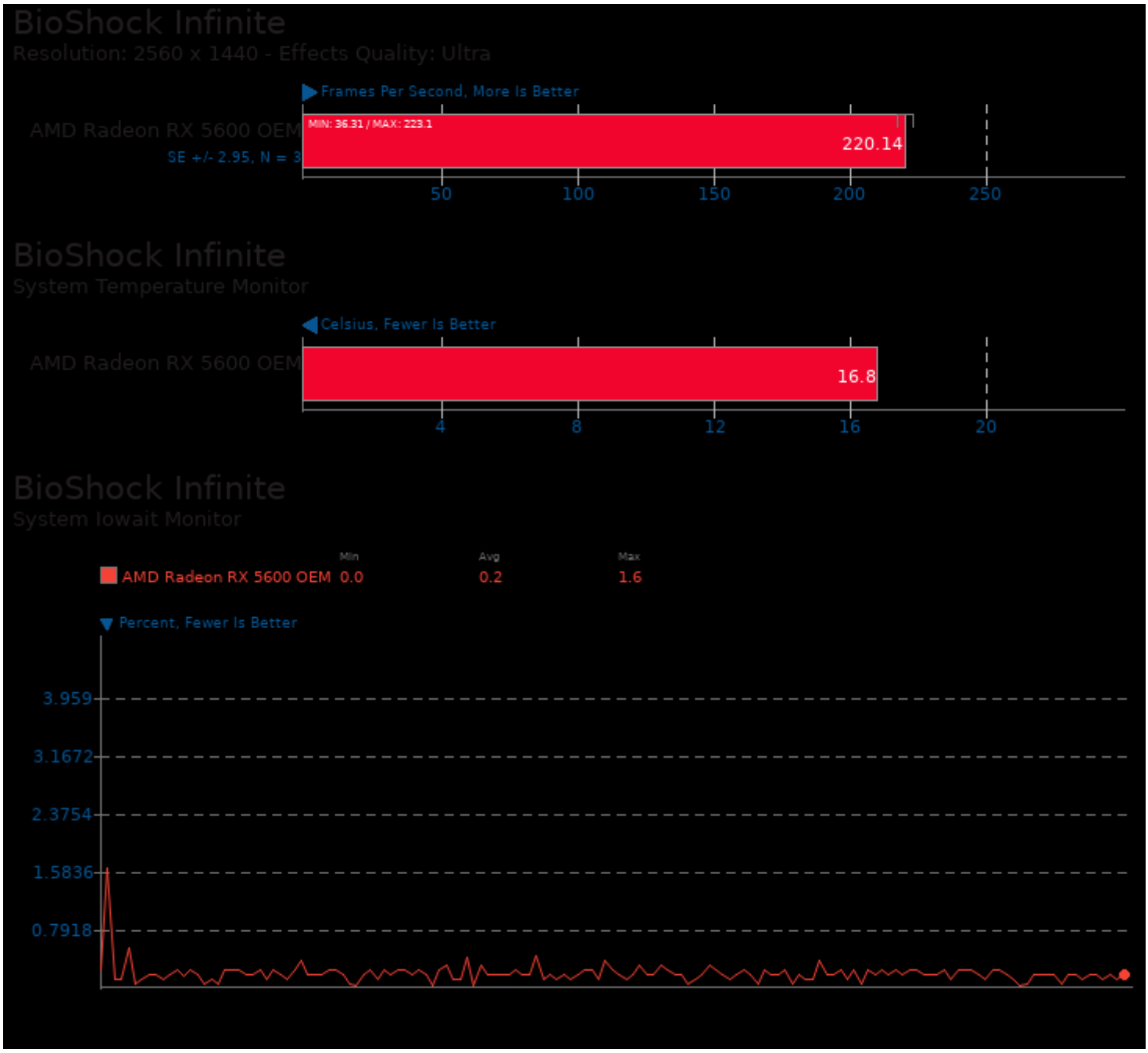
OS: Arch rolling, Kernel: 5.8.11-arch1-1 (x86_64), Display Server: X Server 1.20.9, Display Driver: amdgpu 19.1.0, OpenGL: 4.6 Mesa 20.1.8 (LLVM 10.0.1), Compiler: GCC 10.2.0, File-System: ext4, Screen Resolution: 2560x1440

Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x8701012
Graphics Notes: GLAMOR
Security Notes: itlb_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec_store_bypass: Mitigation of SSB disabled via prctl and

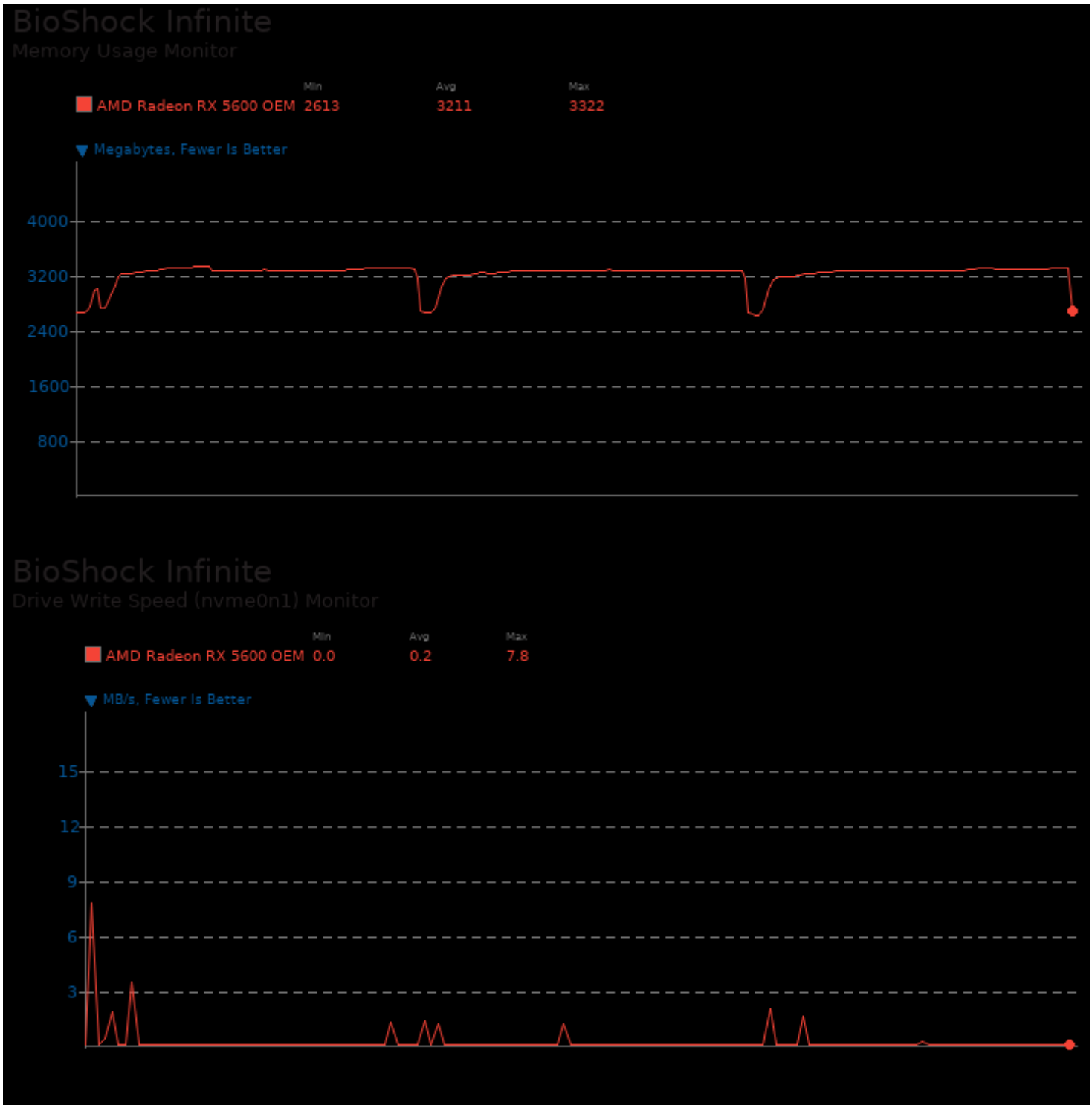
seccomp + spectre_v1: Mitigation of usercopy/swapgs barriers and __user pointer sanitization + spectre_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: always-on RSB filling + srbds: Not affected + tsx_async_abort: Not affected

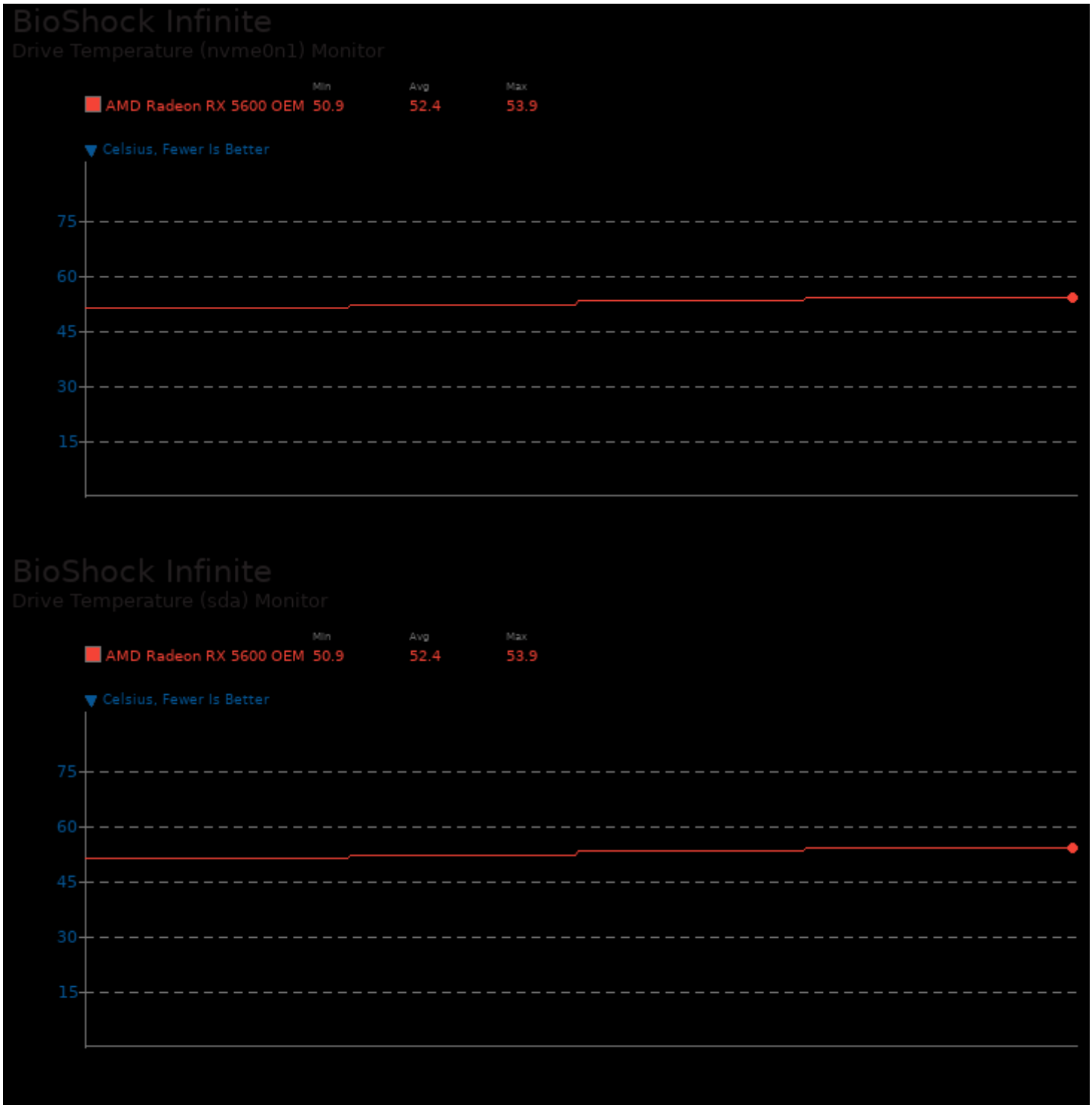
	AMD Radeon RX 5600 OEM
BioShock Infinite - 2560 x 1440 - Ultra (FPS)	220.14
Standard Deviation	2.3%

bioshock-28sep2020-2

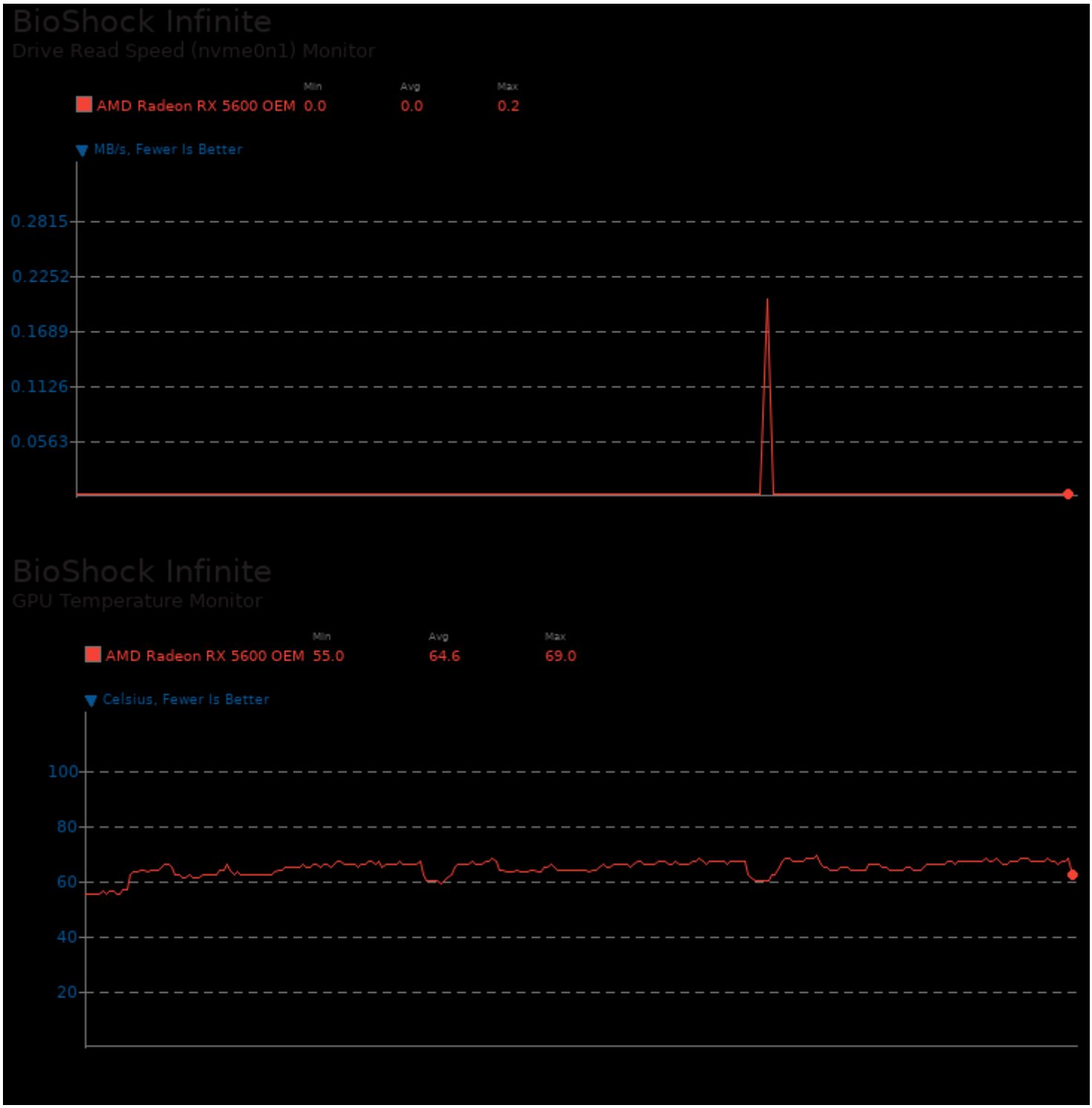


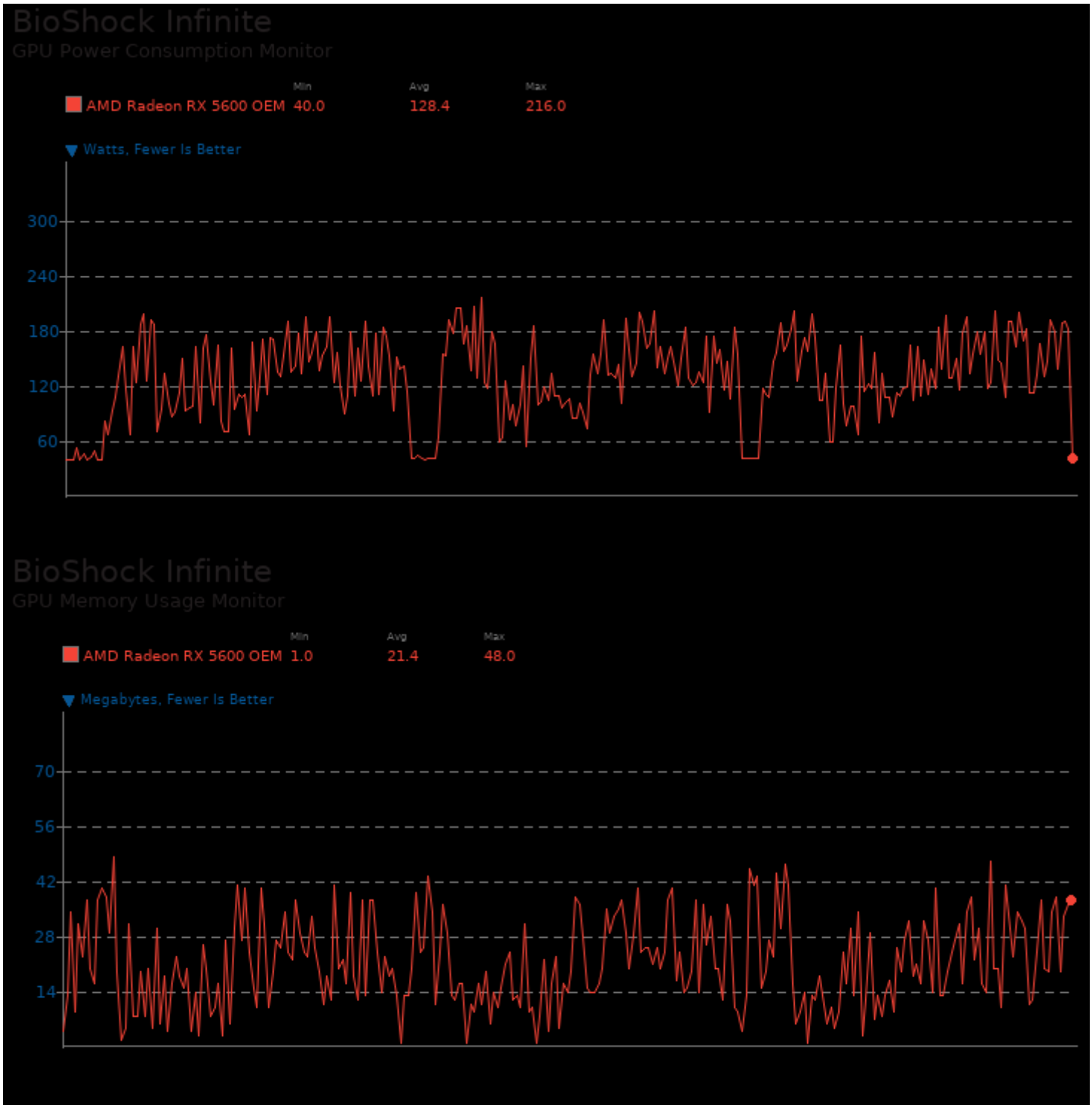
bioshock-28sep2020-2



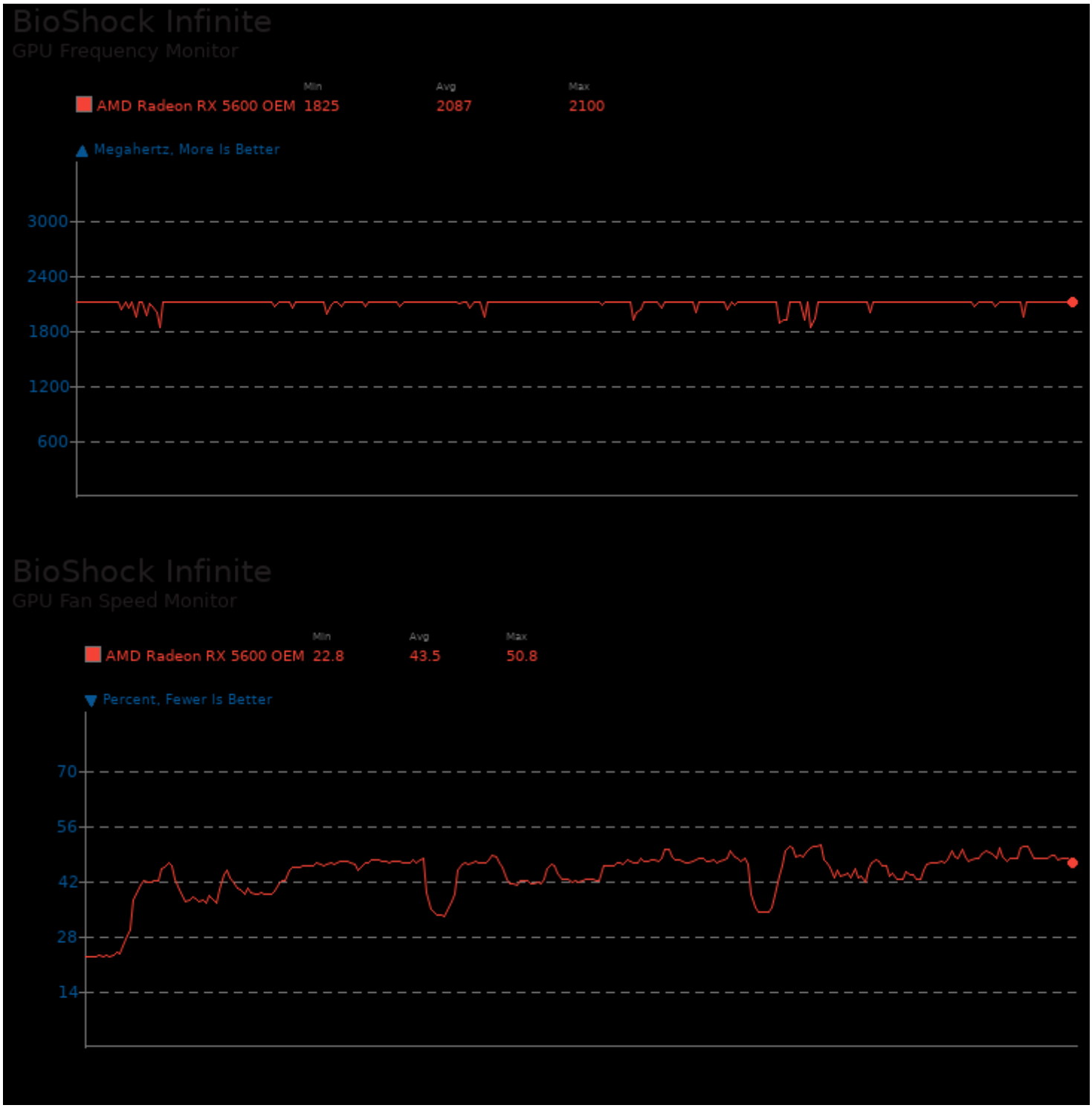

BioShock Infinite
Drive Temperature (nvme0n1) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 50.9 52.4 53.9
Celsius, Fewer Is Better
75
60
45
30
15
BioShock Infinite
Drive Temperature (sda) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 50.9 52.4 53.9
Celsius, Fewer Is Better
75
60
45
30
15

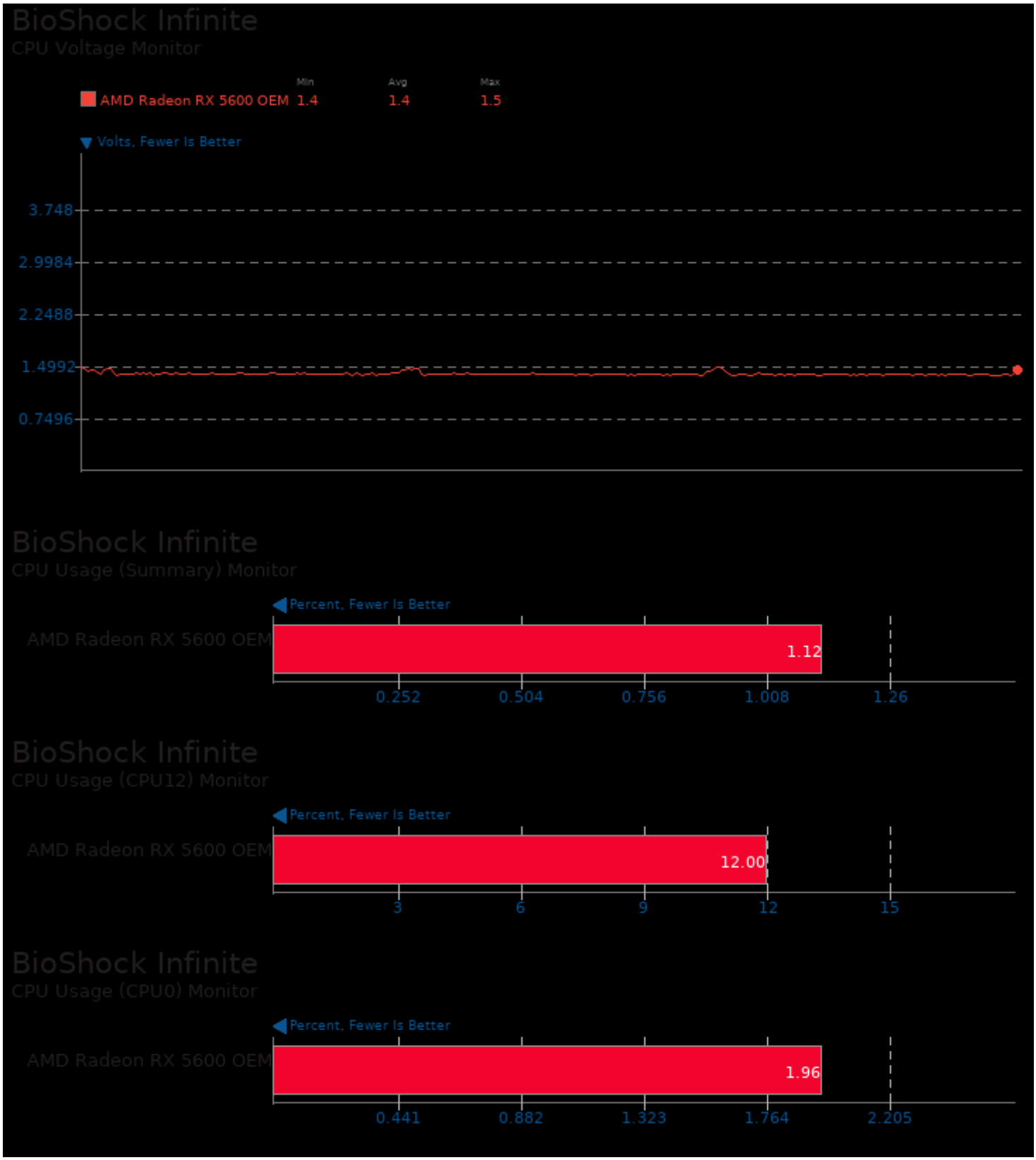
bioshock-28sep2020-2

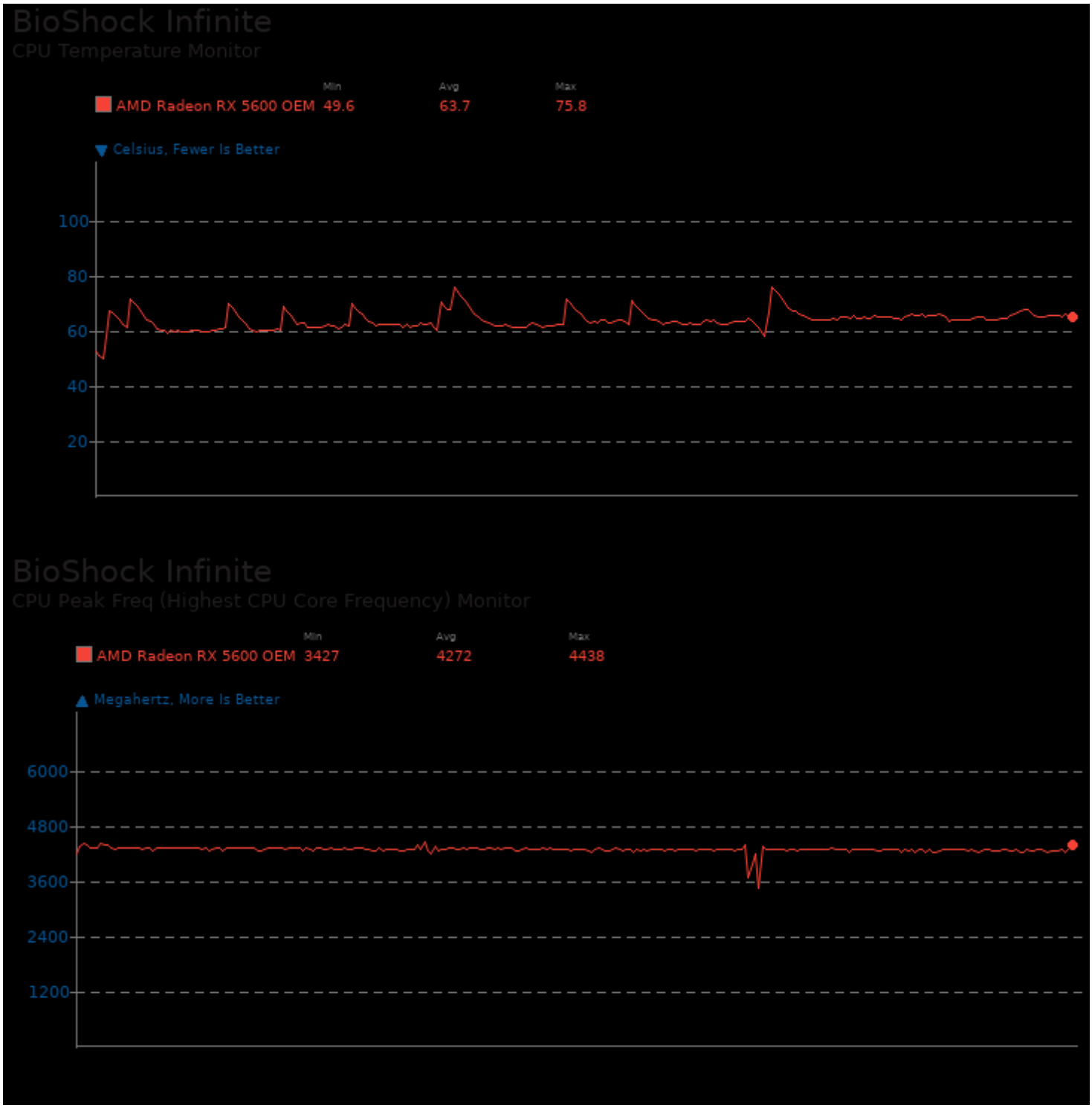


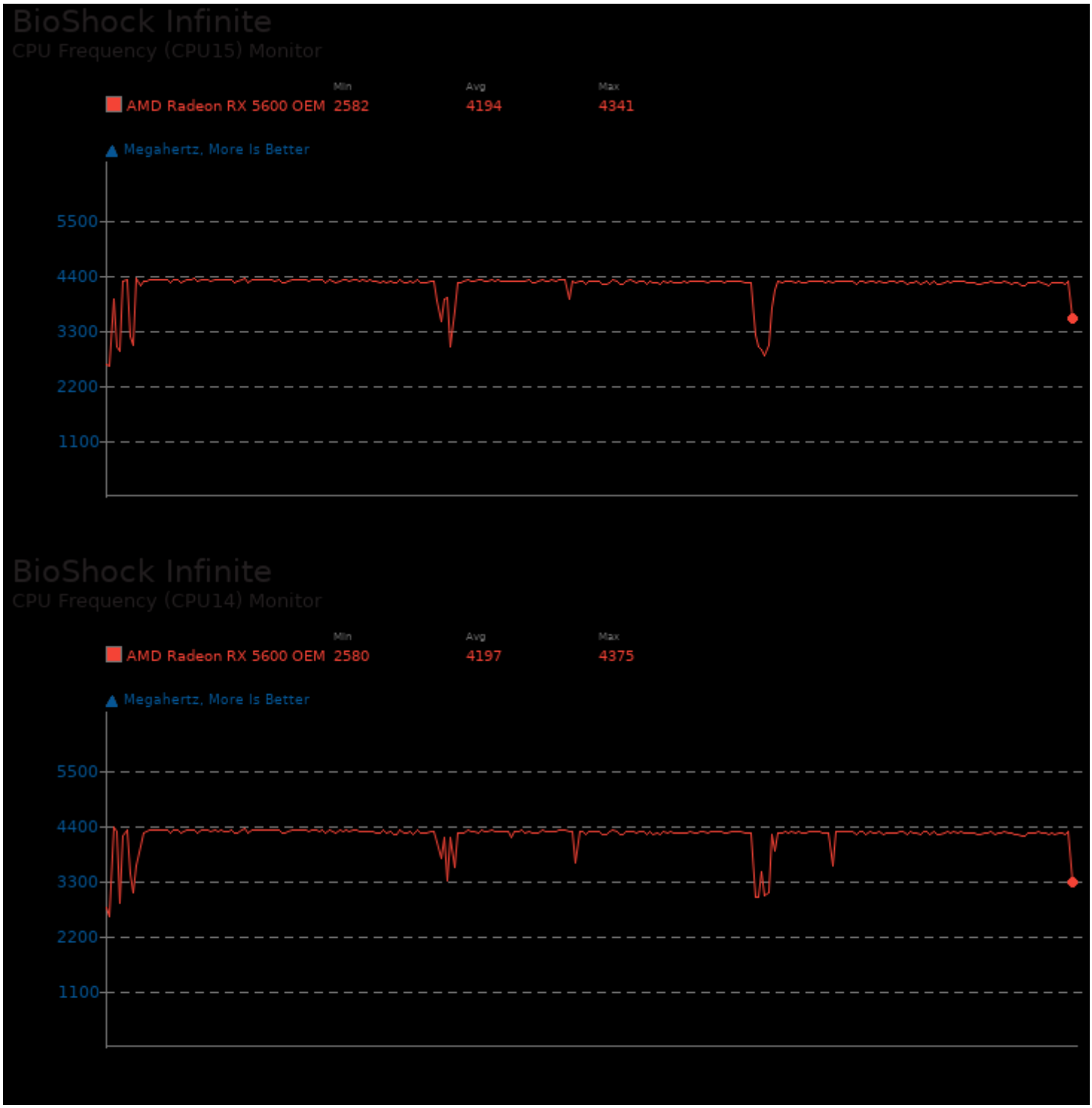

BioShock Infinite
GPU Power Consumption Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 40.0 128.4 216.0
Watts, Fewer Is Better
300
240
180
120
60
BioShock Infinite
GPU Memory Usage Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 1.0 21.4 48.0
Megabytes, Fewer Is Better
70
56
42
28
14

bioshock-28sep2020-2

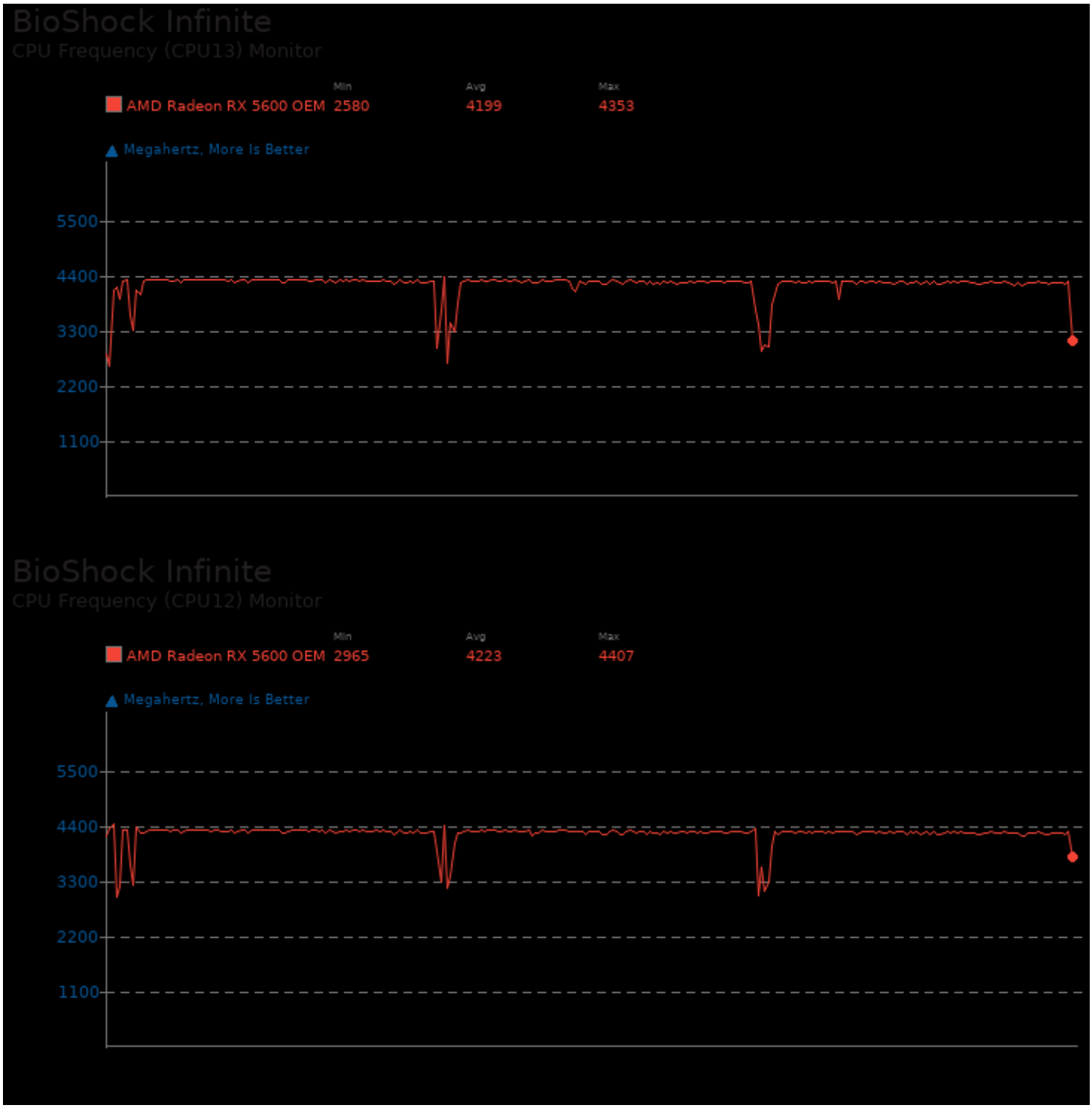


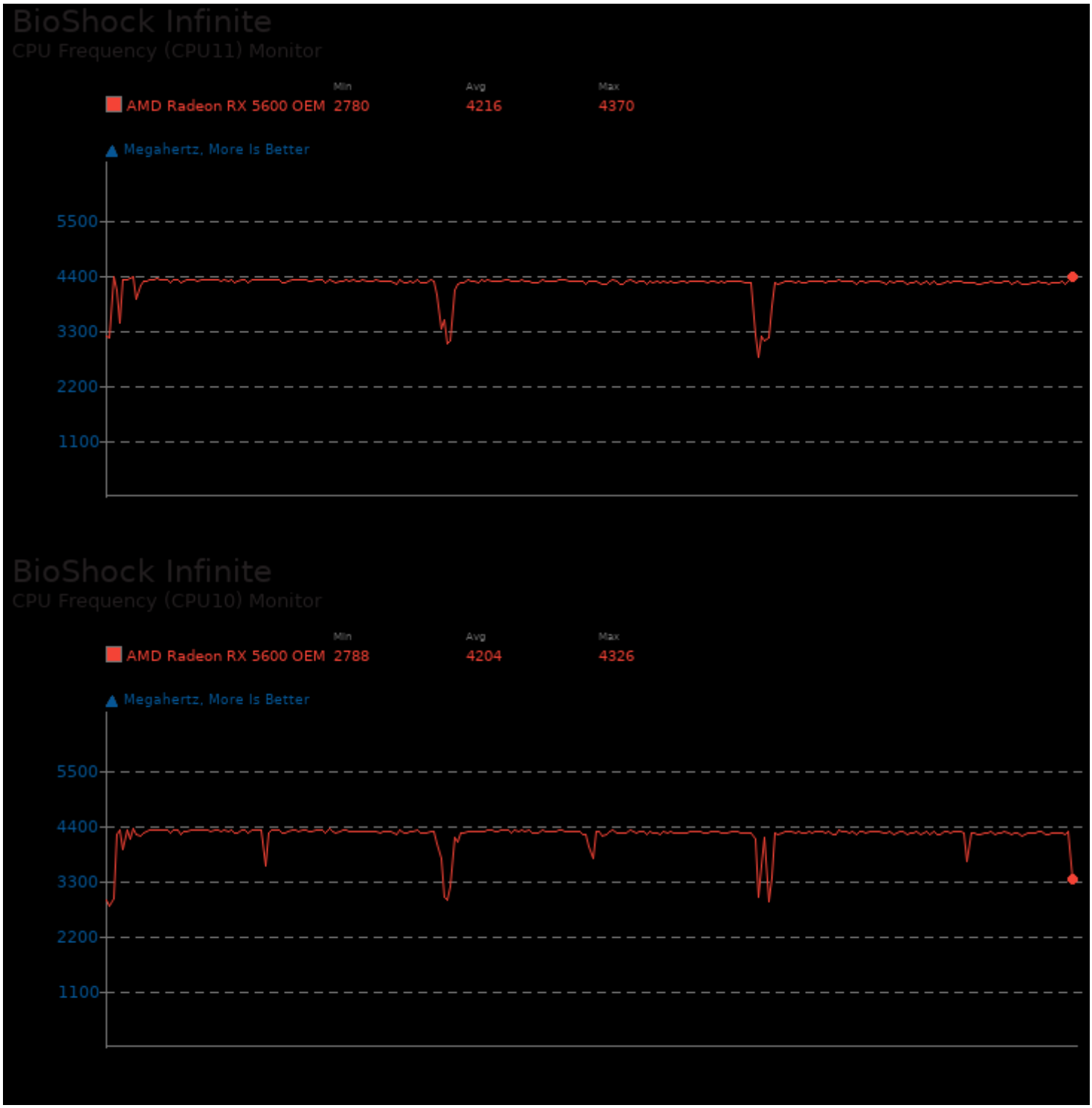

BioShock Infinite
CPU Voltage Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 1.4 1.4 1.5
Volts, Fewer Is Better
3.748
2.9984
2.2488
1.4992
0.7496
BioShock Infinite
CPU Usage (Summary) Monitor
Percent, Fewer Is Better
AMD Radeon RX 5600 OEM
1.12
0.252
0.504
0.756
1.008
1.26
BioShock Infinite
CPU Usage (CPU12) Monitor
Percent, Fewer Is Better
AMD Radeon RX 5600 OEM
12.00
3
6
9
12
15
BioShock Infinite
CPU Usage (CPU0) Monitor
Percent, Fewer Is Better
AMD Radeon RX 5600 OEM
1.96
0.441
0.882
1.323
1.764
2.205


BioShock Infinite
CPU Temperature Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 49.6 63.7 75.8
Celsius, Fewer Is Better
100
80
60
40
20
BioShock Infinite
CPU Peak Freq (Highest CPU Core Frequency) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 3427 4272 4438
Megahertz, More Is Better
6000
4800
3600
2400
1200

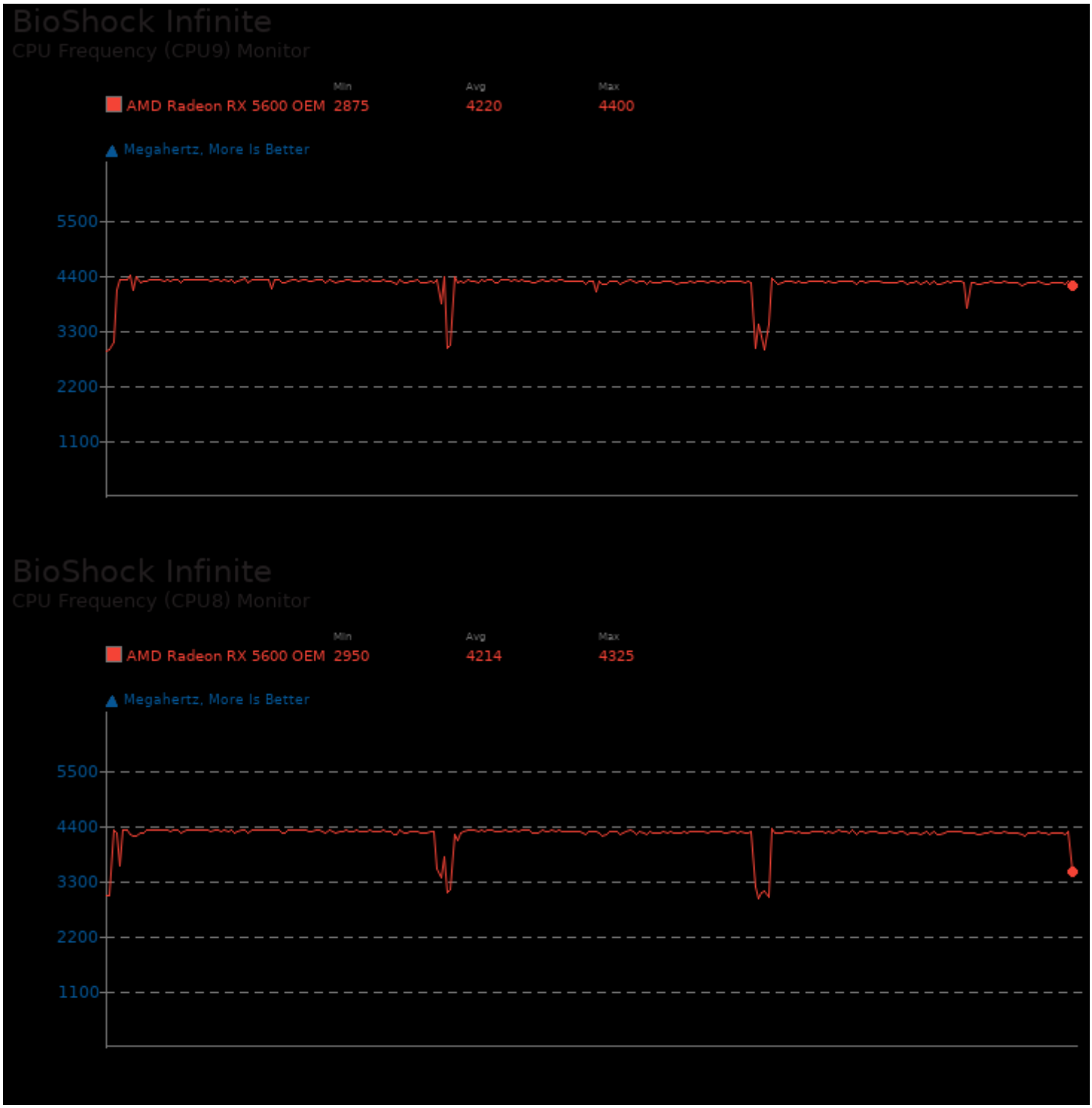

BioShock Infinite
CPU Frequency (CPU15) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2582 4194 4341
Megahertz, More Is Better
5500
4400
3300
2200
1100
BioShock Infinite
CPU Frequency (CPU14) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2580 4197 4375
Megahertz, More Is Better
5500
4400
3300
2200
1100

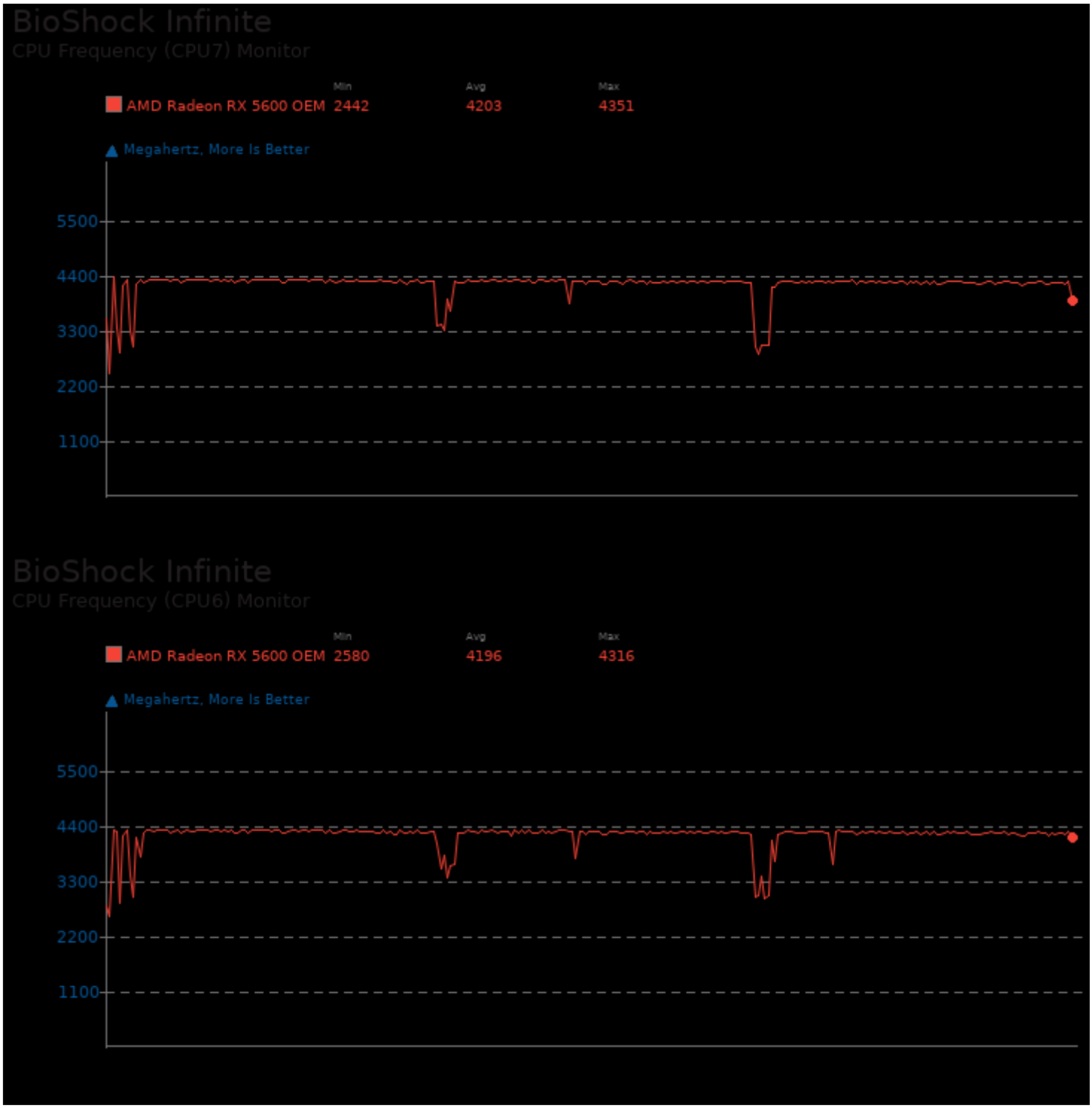
bioshock-28sep2020-2



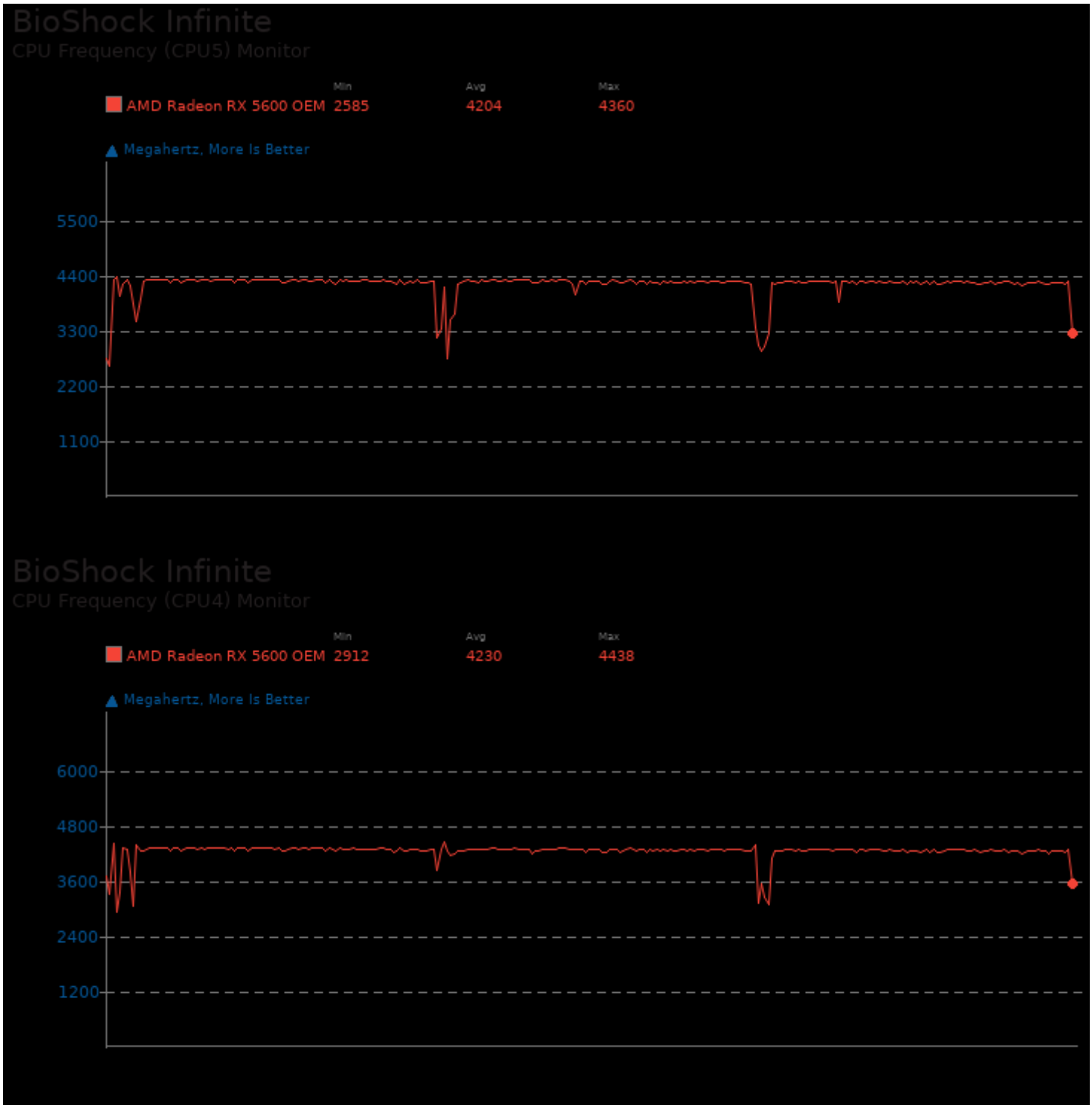

BioShock Infinite
CPU Frequency (CPU11) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2780 4216 4370
Megahertz, More Is Better
5500
4400
3300
2200
1100
BioShock Infinite
CPU Frequency (CPU10) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2788 4204 4326
Megahertz, More Is Better
5500
4400
3300
2200
1100

bioshock-28sep2020-2

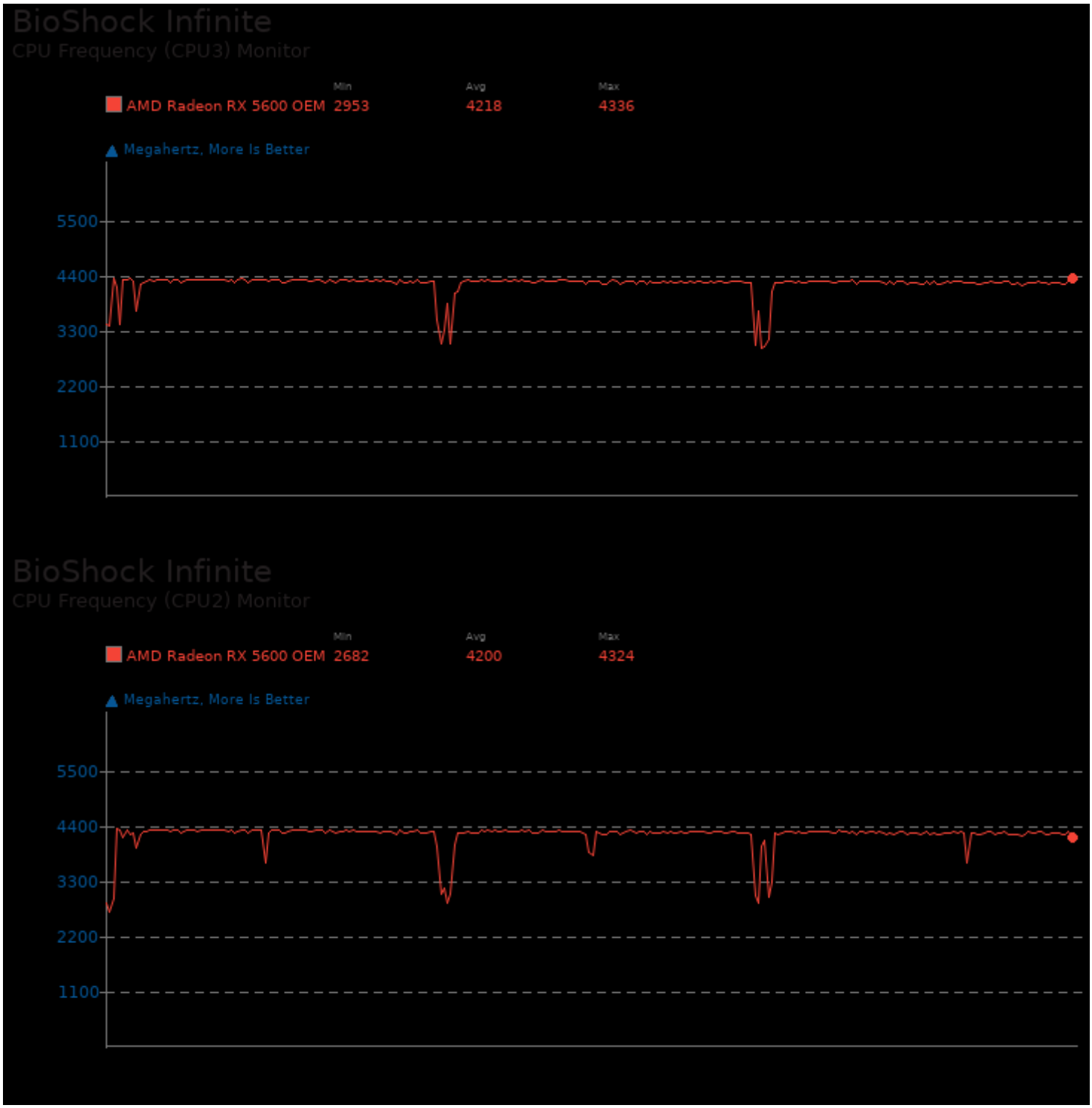



BioShock Infinite
CPU Frequency (CPU7) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2442 4203 4351
Megahertz, More Is Better
5500
4400
3300
2200
1100
BioShock Infinite
CPU Frequency (CPU6) Monitor
Min
Avg
Max
AMD Radeon RX 5600 OEM 2580 4196 4316
Megahertz, More Is Better
5500
4400
3300
2200
1100

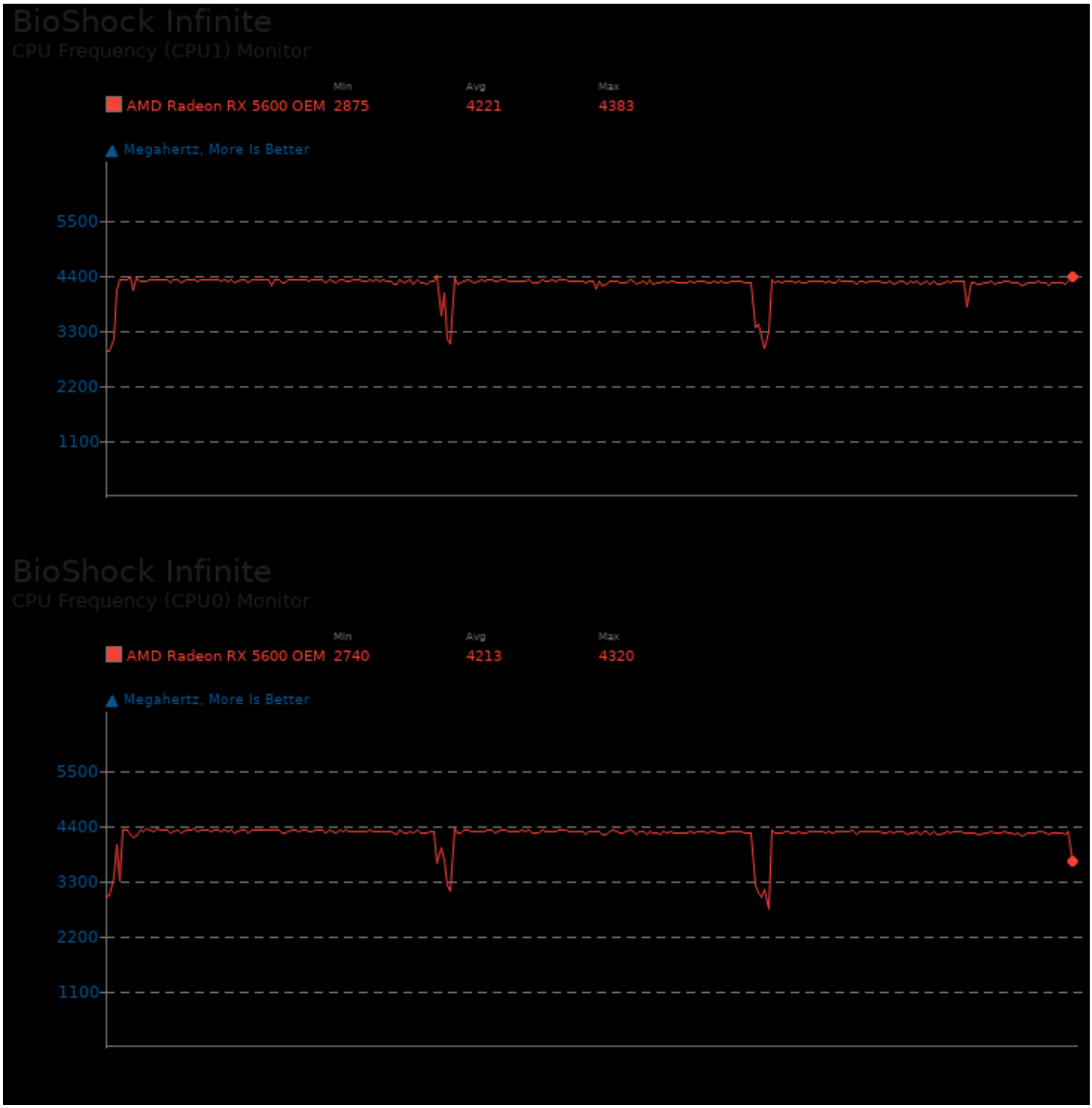
bioshock-28sep2020-2



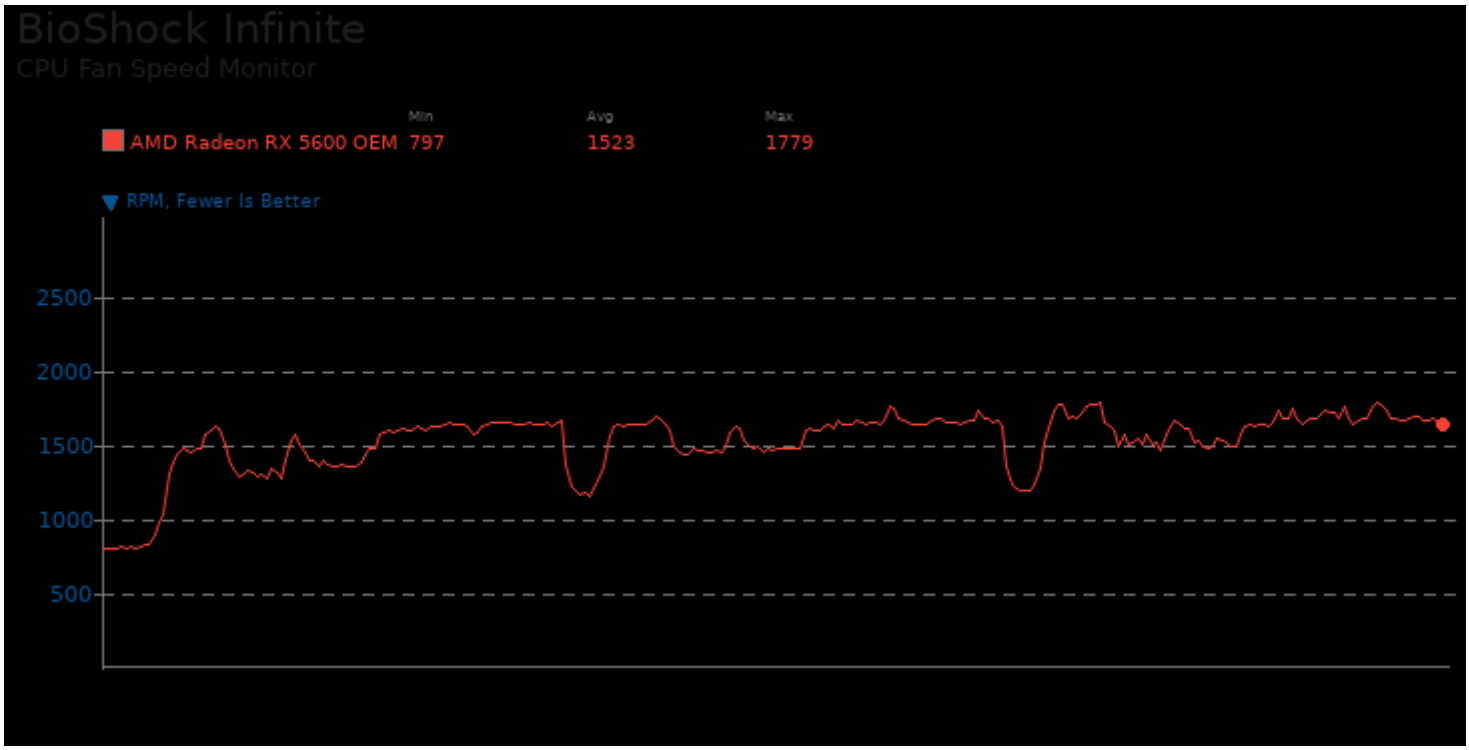
bioshock-28sep2020-2



bioshock-28sep2020-2



bioshock-28sep2020-2



This file was automatically generated via the Phoronix Test Suite benchmarking software on Thursday, 28 March 2024 15:47.