The SSR debugfs interface was removed for potential security issue in recently release, so we can not run the subsystem restart command to get sensor init QXDM log now;

adb shell stop sensors

adb shell "echo 'related' > /sys/bus/msm_subsys/devices/subsys2/restart_level" // please check the note

adb shell "echo 'restart' > /sys/kernel/debug/msm_subsys/adsp" // all subsystem debugfs node was removed, e.g: modem, ADSP and wcnss

adb shell start sensors

Solution 1 replace the restart adb command by sending QXDM command:

For ADSP subsystem:

adb root

adb wait-for-device

adb shell stop sensors

adb shell "echo 'related' > /sys/bus/msm_subsys/devices/subsys2/restart_level" // need to confirm is "adsp" by command "cat /sys/bus/msm_subsys/devices/subsys2/name"

send command "send_data 75 37 03 48 00" in QXDM tool

adb shell start sensors

For SLPI subsystem:

adb root

adb wait-for-device

adb shell stop sensors

adb shell "echo 'related' > /sys/bus/msm_subsys/devices/subsys5/restart_level" // need to confirm is "slpi" by command "cat /sys/bus/msm_subsys/devices/subsys5/name"

send command "send_data 75 37 03 64 00" in QXDM tool

adb shell start sensors

Solution 2 revert below change to add the SSR debugfs interface back, it is just for debugging purpose, must disable or remove it in formal release :

https://source.codeaurora.org/quic/la/kernel/msm-4.4/commit/drivers/soc/qcom/subsystem_restart.c?h=rel/msm-4.4.r9&id=6c02e471b248a4713e4d0c1ef274caaac412e8eb

note： Verify that the correct subsys<#> is selected.

adb root

check the out/subsytem

adb shell cat /sys/bus/msm_subsys/devices/subsys2/name

>>> please confirm if the output is "adsp" or "slpi"