



# CVE-2019-2235

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2019-2235
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@qualcomm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-07-25 17:15:00 UTC
<b>Updated</b>	2019-07-29 14:14:00 UTC
<b>Description</b>	Buffer overflow occurs when emulated RPMB is used due to sector size assumptions in the TA rollback protection logic. in s

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	Mdm9206	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9206	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9206 Firmware	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9206 Firmware	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9607	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9607	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9607 Firmware	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9607 Firmware	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9650	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9650	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9650 Firmware	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9650 Firmware	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9655	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Mdm9655	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9655 Firmware	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	Mdm9655 Firmware	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	Msm8996au	-	All	All	All

Hardware	Qualcomm	Msm8996au	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Hardware	Qualcomm	Qcs404	-	All	All	All
Hardware	Qualcomm	Qcs404	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Hardware	Qualcomm	Qcs605	-	All	All	All
Hardware	Qualcomm	Qcs605	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Hardware	Qualcomm	Qualcomm 215	-	All	All	All
Hardware	Qualcomm	Qualcomm 215	-	All	All	All
Operating System	Qualcomm	Qualcomm 215 Firmware	-	All	All	All
Operating System	Qualcomm	Qualcomm 215 Firmware	-	All	All	All
Hardware	Qualcomm	Sda660	-	All	All	All
Hardware	Qualcomm	Sda660	-	All	All	All
Operating System	Qualcomm	Sda660 Firmware	-	All	All	All
Operating System	Qualcomm	Sda660 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm439	-	All	All	All
Hardware	Qualcomm	Sdm439	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm630	-	All	All	All
Hardware	Qualcomm	Sdm630	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm660	-	All	All	All
Hardware	Qualcomm	Sdm660	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 410	-	All	All	All
Hardware	Qualcomm	Sd 410	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All

Hardware	Qualcomm	Sd 412	-	All	All	All
Hardware	Qualcomm	Sd 412	-	All	All	All
Operating System	Qualcomm	Sd 412 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 412 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 425	-	All	All	All
Hardware	Qualcomm	Sd 425	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 427	-	All	All	All
Hardware	Qualcomm	Sd 427	-	All	All	All
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 429	-	All	All	All
Hardware	Qualcomm	Sd 429	-	All	All	All
Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 430	-	All	All	All
Hardware	Qualcomm	Sd 430	-	All	All	All
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 435	-	All	All	All
Hardware	Qualcomm	Sd 435	-	All	All	All
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 439	-	All	All	All
Hardware	Qualcomm	Sd 439	-	All	All	All
Operating System	Qualcomm	Sd 439 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 439 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 450	-	All	All	All
Hardware	Qualcomm	Sd 450	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 625	-	All	All	All
Hardware	Qualcomm	Sd 625	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All

Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 632	-	All	All	All
Hardware	Qualcomm	Sd 632	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 636	-	All	All	All
Hardware	Qualcomm	Sd 636	-	All	All	All
Operating System	Qualcomm	Sd 636 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 636 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 670	-	All	All	All
Hardware	Qualcomm	Sd 670	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 710	-	All	All	All
Hardware	Qualcomm	Sd 710	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 712	-	All	All	All
Hardware	Qualcomm	Sd 712	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 835	-	All	All	All
Hardware	Qualcomm	Sd 835	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 845	-	All	All	All
Hardware	Qualcomm	Sd 845	-	All	All	All
Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All

Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 850	-	All	All	All
Hardware	Qualcomm	Sd 850	-	All	All	All
Operating System	Qualcomm	Sd 850 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 850 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8cx	-	All	All	All
Hardware	Qualcomm	Sd 8cx	-	All	All	All
Operating System	Qualcomm	Sd 8cx Firmware	-	All	All	All
Operating System	Qualcomm	Sd 8cx Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon High Med 2016	-	All	All	All
Hardware	Qualcomm	Snapdragon High Med 2016	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr1130	-	All	All	All
Hardware	Qualcomm	Sxr1130	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Bulletins   Qualcomm	CONFIRM	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	Vendor Advisory
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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