



CVE-2020-11186

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2020-11186
State	PUBLIC
Assigner	product-security@qualcomm.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-17 06:15:00 UTC
Updated	2021-03-23 12:40:00 UTC
Description	Modem will enter into busy mode in an infinite loop while parsing histogram dimension due to improper validation of input re

Risk And Classification

Problem Types: CWE-835

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Csr31024	-	All	All	All
Operating System	Qualcomm	Csr31024 Firmware	-	All	All	All
Hardware	Qualcomm	Pm3003a	-	All	All	All
Operating System	Qualcomm	Pm3003a Firmware	-	All	All	All
Hardware	Qualcomm	Pm7150a	-	All	All	All
Operating System	Qualcomm	Pm7150a Firmware	-	All	All	All
Hardware	Qualcomm	Pm7150l	-	All	All	All
Operating System	Qualcomm	Pm7150l Firmware	-	All	All	All
Hardware	Qualcomm	Pm7250	-	All	All	All
Hardware	Qualcomm	Pm7250b	-	All	All	All
Operating System	Qualcomm	Pm7250b Firmware	-	All	All	All
Operating System	Qualcomm	Pm7250 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8008	-	All	All	All
Operating System	Qualcomm	Pm8008 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8009	-	All	All	All
Operating System	Qualcomm	Pm8009 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8150a	-	All	All	All

Operating System	Qualcomm	Pm8150a Firmware	-	All	All	All
Hardware	Qualcomm	Pm8150b	-	All	All	All
Operating System	Qualcomm	Pm8150b Firmware	-	All	All	All
Hardware	Qualcomm	Pm8150c	-	All	All	All
Operating System	Qualcomm	Pm8150c Firmware	-	All	All	All
Hardware	Qualcomm	Pm8150l	-	All	All	All
Operating System	Qualcomm	Pm8150l Firmware	-	All	All	All
Hardware	Qualcomm	Pm8250	-	All	All	All
Operating System	Qualcomm	Pm8250 Firmware	-	All	All	All
Hardware	Qualcomm	Pmk8002	-	All	All	All
Operating System	Qualcomm	Pmk8002 Firmware	-	All	All	All
Hardware	Qualcomm	Pmr525	-	All	All	All
Operating System	Qualcomm	Pmr525 Firmware	-	All	All	All
Hardware	Qualcomm	Pmx24	-	All	All	All
Operating System	Qualcomm	Pmx24 Firmware	-	All	All	All
Hardware	Qualcomm	Pmx55	-	All	All	All
Operating System	Qualcomm	Pmx55 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3516	-	All	All	All
Operating System	Qualcomm	Qat3516 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3518	-	All	All	All
Operating System	Qualcomm	Qat3518 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3519	-	All	All	All
Operating System	Qualcomm	Qat3519 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3555	-	All	All	All
Operating System	Qualcomm	Qat3555 Firmware	-	All	All	All
Hardware	Qualcomm	Qat5515	-	All	All	All
Operating System	Qualcomm	Qat5515 Firmware	-	All	All	All
Hardware	Qualcomm	Qat5522	-	All	All	All
Operating System	Qualcomm	Qat5522 Firmware	-	All	All	All
Hardware	Qualcomm	Qat5533	-	All	All	All
Operating System	Qualcomm	Qat5533 Firmware	-	All	All	All
Hardware	Qualcomm	Qbt2000	-	All	All	All
Operating System	Qualcomm	Qbt2000 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6390	-	All	All	All
Operating System	Qualcomm	Qca6390 Firmware	-	All	All	All

Hardware	Qualcomm	Qca6391	-	All	All	All
Operating System	Qualcomm	Qca6391 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6421	-	All	All	All
Operating System	Qualcomm	Qca6421 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6426	-	All	All	All
Operating System	Qualcomm	Qca6426 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6431	-	All	All	All
Operating System	Qualcomm	Qca6431 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6574a	-	All	All	All
Hardware	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574a Firmware	-	All	All	All
Hardware	Qualcomm	Qca6584au	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware	Qualcomm	Qca8337	-	All	All	All
Operating System	Qualcomm	Qca8337 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm2301	-	All	All	All
Operating System	Qualcomm	Qdm2301 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm2305	-	All	All	All
Operating System	Qualcomm	Qdm2305 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm3301	-	All	All	All
Operating System	Qualcomm	Qdm3301 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5620	-	All	All	All
Operating System	Qualcomm	Qdm5620 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5621	-	All	All	All
Operating System	Qualcomm	Qdm5621 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5650	-	All	All	All

Operating System	Qualcomm	Qdm5650 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5652	-	All	All	All
Operating System	Qualcomm	Qdm5652 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5670	-	All	All	All
Operating System	Qualcomm	Qdm5670 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5671	-	All	All	All
Operating System	Qualcomm	Qdm5671 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5677	-	All	All	All
Operating System	Qualcomm	Qdm5677 Firmware	-	All	All	All
Hardware	Qualcomm	Qdm5679	-	All	All	All
Operating System	Qualcomm	Qdm5679 Firmware	-	All	All	All
Hardware	Qualcomm	Qet4101	-	All	All	All
Operating System	Qualcomm	Qet4101 Firmware	-	All	All	All
Hardware	Qualcomm	Qet5100	-	All	All	All
Operating System	Qualcomm	Qet5100 Firmware	-	All	All	All
Hardware	Qualcomm	Qet6110	-	All	All	All
Operating System	Qualcomm	Qet6110 Firmware	-	All	All	All
Hardware	Qualcomm	Qfs2530	-	All	All	All
Operating System	Qualcomm	Qfs2530 Firmware	-	All	All	All
Hardware	Qualcomm	Qfs2580	-	All	All	All
Operating System	Qualcomm	Qfs2580 Firmware	-	All	All	All
Hardware	Qualcomm	Qln1021aq	-	All	All	All
Operating System	Qualcomm	Qln1021aq Firmware	-	All	All	All
Hardware	Qualcomm	Qln1031	-	All	All	All
Operating System	Qualcomm	Qln1031 Firmware	-	All	All	All
Hardware	Qualcomm	Qln1036aq	-	All	All	All
Operating System	Qualcomm	Qln1036aq Firmware	-	All	All	All
Hardware	Qualcomm	Qln4642	-	All	All	All
Operating System	Qualcomm	Qln4642 Firmware	-	All	All	All
Hardware	Qualcomm	Qln4650	-	All	All	All
Operating System	Qualcomm	Qln4650 Firmware	-	All	All	All
Hardware	Qualcomm	Qln5020	-	All	All	All
Operating System	Qualcomm	Qln5020 Firmware	-	All	All	All
Hardware	Qualcomm	Qln5030	-	All	All	All
Operating System	Qualcomm	Qln5030 Firmware	-	All	All	All
Hardware	Qualcomm	Qln5040	-	All	All	All

Operating System	Qualcomm	Qln5040 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa2625	-	All	All	All
Operating System	Qualcomm	Qpa2625 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa5580	-	All	All	All
Operating System	Qualcomm	Qpa5580 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa6560	-	All	All	All
Operating System	Qualcomm	Qpa6560 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8673	-	All	All	All
Operating System	Qualcomm	Qpa8673 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8686	-	All	All	All
Operating System	Qualcomm	Qpa8686 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8801	-	All	All	All
Operating System	Qualcomm	Qpa8801 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8802	-	All	All	All
Operating System	Qualcomm	Qpa8802 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8803	-	All	All	All
Operating System	Qualcomm	Qpa8803 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8821	-	All	All	All
Operating System	Qualcomm	Qpa8821 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8842	-	All	All	All
Operating System	Qualcomm	Qpa8842 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm5621	-	All	All	All
Operating System	Qualcomm	Qpm5621 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm5658	-	All	All	All
Operating System	Qualcomm	Qpm5658 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm5670	-	All	All	All
Operating System	Qualcomm	Qpm5670 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm5677	-	All	All	All
Operating System	Qualcomm	Qpm5677 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm5679	-	All	All	All
Operating System	Qualcomm	Qpm5679 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm6582	-	All	All	All
Operating System	Qualcomm	Qpm6582 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm6585	-	All	All	All
Operating System	Qualcomm	Qpm6585 Firmware	-	All	All	All

Hardware	Qualcomm	Qpm8830	-	All	All	All
Operating System	Qualcomm	Qpm8830 Firmware	-	All	All	All
Hardware	Qualcomm	Qpm8895	-	All	All	All
Operating System	Qualcomm	Qpm8895 Firmware	-	All	All	All
Hardware	Qualcomm	Qtc800h	-	All	All	All
Operating System	Qualcomm	Qtc800h Firmware	-	All	All	All
Hardware	Qualcomm	Qtc801s	-	All	All	All
Operating System	Qualcomm	Qtc801s Firmware	-	All	All	All
Hardware	Qualcomm	Qtm525	-	All	All	All
Operating System	Qualcomm	Qtm525 Firmware	-	All	All	All
Hardware	Qualcomm	Qtm527	-	All	All	All
Operating System	Qualcomm	Qtm527 Firmware	-	All	All	All
Hardware	Qualcomm	Sa2150p	-	All	All	All
Operating System	Qualcomm	Sa2150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa415m	-	All	All	All
Operating System	Qualcomm	Sa415m Firmware	-	All	All	All
Hardware	Qualcomm	Sa515m	-	All	All	All
Operating System	Qualcomm	Sa515m Firmware	-	All	All	All
Hardware	Qualcomm	Sd765	-	All	All	All
Hardware	Qualcomm	Sd765g	-	All	All	All
Operating System	Qualcomm	Sd765g Firmware	-	All	All	All
Operating System	Qualcomm	Sd765 Firmware	-	All	All	All
Hardware	Qualcomm	Sd768g	-	All	All	All
Operating System	Qualcomm	Sd768g Firmware	-	All	All	All
Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd870	-	All	All	All
Operating System	Qualcomm	Sd870 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr8150	-	All	All	All
Operating System	Qualcomm	Sdr8150 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr8250	-	All	All	All
Operating System	Qualcomm	Sdr8250 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr865	-	All	All	All
Operating System	Qualcomm	Sdr865 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All

Hardware	Qualcomm	Sdx55m	-	All	All	All
Operating System	Qualcomm	Sdx55m Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Sdxr2 5g	-	All	All	All
Operating System	Qualcomm	Sdxr2 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250p	-	All	All	All
Operating System	Qualcomm	Sm7250p Firmware	-	All	All	All
Hardware	Qualcomm	Smb1355	-	All	All	All
Operating System	Qualcomm	Smb1355 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1381	-	All	All	All
Operating System	Qualcomm	Smb1381 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1390	-	All	All	All
Operating System	Qualcomm	Smb1390 Firmware	-	All	All	All
Hardware	Qualcomm	Smr525	-	All	All	All
Operating System	Qualcomm	Smr525 Firmware	-	All	All	All
Hardware	Qualcomm	Smr526	-	All	All	All
Operating System	Qualcomm	Smr526 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9360	-	All	All	All
Operating System	Qualcomm	Wcd9360 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9380	-	All	All	All
Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9385	-	All	All	All
Operating System	Qualcomm	Wcd9385 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3991	-	All	All	All
Operating System	Qualcomm	Wcn3991 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3998	-	All	All	All
Operating System	Qualcomm	Wcn3998 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8810	-	All	All	All
Operating System	Qualcomm	Wsa8810 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8815	-	All	All	All
Operating System	Qualcomm	Wsa8815 Firmware	-	All	All	All

References

Reference	Source	Link	Tags
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March 2021 Security Bulletin Qualcomm	CONFIRM	www.qualcomm.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610322](#) Google Android Devices March 2021 Security Patch Missing

[610330](#) Google Android April 2021 Security Patch Missing for Samsung

[610332](#) Google Android April 2021 Security Patch Missing for LGE

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