



# CVE-2022-40538

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

## Summary

<b>CVE</b>	CVE-2022-40538
<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>	2023-06-06 08:15:00 UTC
<b>Updated</b>	2023-06-10 02:09:00 UTC
<b>Description</b>	Transient DOS due to reachable assertion in modem while processing sib with incorrect values from network.

## Risk And Classification

**Problem Types:** CWE-617

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Ar8035</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Ar8035 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca8081</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca8081 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca8337</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca8337 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcn6024</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcn6024 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcn9024</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcn9024 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qcs8550</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qcs8550 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Snapdragon X65 5g Modem-rf System</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Snapdragon X65 5g Modem-rf System Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Snapdragon X70 Modem-rf System</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Snapdragon X70 Modem-rf System Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Wcd9380</a>	-	All	All	All

Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn685x-1	-	All	All	All
Operating System	Qualcomm	Wcn685x-1 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn685x-5	-	All	All	All
Operating System	Qualcomm	Wcn685x-5 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn785x-1	-	All	All	All
Operating System	Qualcomm	Wcn785x-1 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn785x-5	-	All	All	All
Operating System	Qualcomm	Wcn785x-5 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Qualcomm Documentation	MISC	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	
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.

## Legacy QID Mappings

[610494](#) Google Android July 2023 Security Patch Missing for Samsung

[610503](#) Google Android Devices June 2023 Security Patch Missing

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