EXHIBIT N

IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS
MARSHALL DIVISION

PEGASUS WIRELESS INNOVATION LLC, *Plaintiff*, v. VERIZON COMMUNICATIONS INC. *et al.,* *Defendants*.	§ § § § § § § § § § § §	Case No. 2:23-cv-00640-JRG (Lead Case)
PEGASUS WIRELESS INNOVATION LLC, *Plaintiff*, v. AT&T INC. *et al.,* *Defendants*.	§ § § § § § § § § § § §	Case No. 2:23-cv-00638-JRG (Member Case)
PEGASUS WIRELESS INNOVATION LLC, *Plaintiff*, v. T-MOBILE US, INC. *et al.,* *Defendants*.	§ § § § § § § § § § § §	Case No. 2:23-cv-00639-JRG (Member Case)

PLAINTIFF PEGASUS WIRELESS INNOVATION LLC'S
AMENDED DISCLOSURES PURSUANT TO LOCAL PATENT RULES 3-1 AND 3-2

Pursuant to Local Patent Rules 3-1 and 3-2, Plaintiff Pegasus Wireless Innovation LLC ("Pegasus") provides its amended disclosure of asserted claims and preliminary infringement contentions and accompanying document production to Defendants Verizon Communications Inc., Cellco Partnership d/b/a Verizon Wireless, Verizon Business Network Services LLC, Verizon Corporate Services Group Inc., and TracFone Wireless, Inc. (collectively, "Verizon"), AT&T Inc., AT&T Corp., AT&T Services, Inc., AT&T Mobility LLC, AT&T Mobility II LLC, New Cingular Wireless PCS, LLC and Cricket Wireless LLC (collectively, "AT&T"), and T-Mobile US, Inc., T-Mobile USA, Inc., Sprint LLC, Sprint Solutions LLC, and Sprint Spectrum LLC (collectively, "T-Mobile") ("Verizon," "AT&T," and "T-Mobile~~,~~" may be collectively referred to as "Defendants"). Pegasus's disclosures are based on publicly available materials regarding the accused infringing products of Defendants that describe or discuss aspects of operation of these products. Fact discovery and claim construction proceedings are still ongoing~~have not yet commenced~~. Pegasus has ~~not~~ had limited access to ~~any~~ discovery of Defendants' materials at this point, and certain information ~~is~~ may not yet be available to Pegasus that may be relevant to its infringement claims. Pegasus reserves the right to supplement or alter its disclosures based on the discovery it obtains, invalidity and prior art contentions, claim construction, allowance and issuance of substitute claims by the USPTO, and/or any additional information provided by Defendants.

I. Disclosure of Asserted Claims and Preliminary Infringement Contentions

A. Infringed Claims

The following table identifies the patents-in-suit and each claim of those patents that is alleged to be infringed by each opposing party.

Patent	Infringed Claims
11,627,631	All Defendants: 1–18

Patent	Infringed Claims
10,181,931	All Defendants: 1–7
10,616,932	All Defendants: 1–2, 4, 8–9, 11
11,405,942	All Defendants: 1–3, 5–7, 9–11
10,594,460	All Defendants: 1–12
10,721,118	All Defendants: 1–3, 6–12, 15
11,219,000	All Defendants: 1–12
10,638,463	All Defendants: 1–9
11,540,272	All Defendants: 1–20
9,894,644	All Defendants: 1–3
10,009,161	All Defendants: 1–6

Pegasus reserves the right to augment and supplement its identification of asserted claims based upon additional information obtained through discovery.

B. Infringing Instrumentalities

Based upon information presently available to it, Pegasus asserts infringement by the instrumentalities set forth in the table below (the "Infringing Instrumentalities").

As used in the table below, "Accused Usage Devices" refers to all mobile devices used on each Defendant's~~'~~ mobile network~~s~~ on or after the issuance of a patent-in-suit, excluding any Excluded Devices. "Accused Sale Devices" refers to all mobile devices sold by Defendants on or after the issuance of a patent-in-suit, excluding any Excluded Devices. "Accused Base Station Equipment" includes equipment provided by vendors including at least Ericsson and Nokia and/or others. "Excluded Devices" refers to (a) any devices or base station equipment produced by Samsung Electronics Co., Ltd., ~~and~~ (b) any devices produced by Apple Inc., and (c) any devices

produced by Huawei Technologies Co., Ltd. Pegasus notes that, to the extent devices excluded ~~as~~ from infringing instrumentalities are configured to communicate in accordance with the applicable standards, they do not constitute non-infringing alternatives.

Patent	Infringing Instrumentalities
11,627,631	For all Claims, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment.
10,181,931	For Claims 3, 4, and 7, each Defendant's 4G/LTE mobile network, including Accused Base Station Equipment. For Claims 1, 2, 5, and 6, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
10,616,932	For all Claims, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment.
11,405,942	For Claims 5–7, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For Claims 1–3 and 9–11, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
10,594,460	For Claims 5–8, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For Claims 1–4 and 9–12, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
10,721,118	For Claims 7–9, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For claims 1–3, 6, 10–12, and 15, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
11,219,000	For Claims 5–8, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For Claims 1–4 and 9–12, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
10,638,463	For Claims 4–6, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For Claims 1–3 and 7–9, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
11,540,272	For Claims 1–7, each Defendant's 5G/NR mobile network, including Accused Base Station Equipment. For Claims 8–20, Accused Usage Devices and Accused

Patent	Infringing Instrumentalities
	Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
9,894,644	For Claim 2, each Defendant's 4G/LTE mobile network, including Accused Base Station Equipment. For Claims 1 and 3, Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.
10,009,161	For Claims 3–4, each Defendant's 4G/LTE and 5G/NR mobile networks, including Accused Base Station Equipment. For Claims 1, 2, 5, and 6, and Accused Usage Devices and Accused Sale Devices configured to communicate on and/or that are capable of communicating on each said network~~s~~.

"Accused Usage Devices" and "Accused Sale Devices" include, but are not limited to, the devices identified below, except for any Excluded Devices.

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
For All Defendants:	**For All Defendants:**
~~**For All Defendants:**~~ BLU View Speed 5G Franklin A50 Google Pixel 6 Google Pixel 6 Pro Google Pixel 6a Google Pixel 7 Google Pixel 7 Pro Google Pixel 7a Google Pixel 8 Google Pixel 8 Pro Google Pixel Fold Inseego MiFi M2100 5G UW Inseego MiFi X PRO 5G JEXtream RG2100 5G Mobile Hotspot KonnectONE Moxee 5G Mobile Hotspot Kyocera DuraForce Pro 3 Kyocera DuraForce Ultra 5G UW Kyocera DuraSport 5G UW Lenovo Flex 5G Lenovo ThinkPad X13s 5G Motorola moto g 5G	~~**For All Defendants:**~~ Alcatel Cameox Alcatel GO FLIP V Alcatel Tetra Blackberry KEYone Blu View 2 BLU View 4 Franklin A10 Franklin F900HSVL Franklin T10 Google Pixel Watch Google Pixel Watch 2 Hot Pepper Tabasco Kazuna eTalk Kazuna eTalk MYFLIX Kyocera DuraForce PRO Kyocera DuraXV Extreme Kyocera DuraXV Extreme No Camera Kyocera DuraXV Extreme+ Lenovo IdeaPad Duet 3i LG G8 ThinQ LG K20

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
For All Defendants:	**For All Defendants:**
Motorola edge Motorola edge 5G UW Motorola edge+ Motorola edge+ 5G UW Motorola moto 5g Motorola moto g power 5G Motorola moto g pure v2 Motorola moto g stylus 5g Motorola one 5G UW ace Motorola razr Motorola razr+ Netgear Nighthawk M6 Netgear Nighthawk M6 Pro Nokia 8 V 5G UW Nokia G300 5G Nokia G310 5G OnePlus Nord N200 5G OnePlus Nord N30 5G OnePlus Nord N300 5G Orbic Airsurf 5G UW Orbic Myra 5G UW Orbic Speed 5G UW Orbic Tab Pro 5G Orbic Tab8 5G RAZER Edge 5G Sonim XP10 TCL 10 5G UW TCL 30 V 5G TCL 30 XE 5G TCL 40 XE 5G TCL 4X 5G TCL LINKZONE 5G UW TCL STYLUS 5G TCL TAB 10 5G TCL TAB Pro 5G TCL XE 5G ~~**T-Mobile Only:**~~ ~~T-Mobile REVVL 6 5G~~ ~~T Mobile REVVL 6 PRO~~ ~~T Mobile REVVL 6X 5G~~ ~~T-Mobile REVVL 6x PRO 5G~~ ~~T Mobile REVVL TAB 5G~~	LG K30 LG Phoenix 3 LG Phoenix 4 LG Phoenix Plus LG Premier Pro LTE LG Rebel 4 LG Stylo 4+ LG V30 LG V35 ThinQ LG v40 ThinQ LG X Venture LG Zone 4 Montblanc Summit 2+ Moto Z2 Force Edition Motorola moto g play (2022–24) Motorola moto g power Motorola moto g power (2022) Motorola moto g pure Motorola moto g stylus Motorola moto G7 Optimo Moxee Wireless Home Phone Base Station (K500HPEL) Nokia 2 V Tella Nokia 2720 V Flip Nokia 2760 Flip Nokia C110 Nokia C210 Nokia C300 Orbic Chromebook Orbic Journey V Orbic JOY Orbic Maui+ Orbic SmartWrist Orbic Wonder Razer Phone 2 Red Hydrogen One Sharp Rouvo V Sonim XP3plus Sonim XP3plus (no camera) Sonim XP5plus Sonim Xp5plus (no knobs) Sonim XP5s Sonim XP8

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
For All Defendants:	**For All Defendants:**
~~**AT&T Only**~~: ~~Cricket Magic 5G~~ ~~**Verizon Only**~~: ~~Straight Talk All-in-one Internet Router~~	TCL 30 LE TCL 30 T TCL 30 XL TCL 30 Z TCL 40 T TCL A3 TCL A3X TCL Flip 2 TCL Flip 2 16GB TCL FLIP Go TCL ION V TCL ION X TCL LX TCL Signa TCL SyncUP TRACKER TCL TAB 8 LE TCL TAB 8 Plus TCL TAB 8 SE TCL TAB Disney Edition TCL TAB Disney Edition 2 TCL TAB FAMILY EDITION Timex FamilyConnect v1 ZTE Axon M ZTE Blade Spark ZTE Maven 3 ~~**T Mobile Only**~~ ~~T Mobile Hotspot~~ ~~T-Mobile SyncUP DRIVE~~ ~~T MOBILE SyncUP KIDS Watch~~ ~~**Verizon Only**~~ ~~Verizon Airspeed Mobile Hotspot~~ ~~Verizon Care Smart watch~~ ~~Verizon Gizmo Watch 2~~ ~~Verizon Gizmo Watch 3~~ ~~Verizon Gizmo Watch Disney Edition~~ ~~Verizon LTE Home Router~~ ~~Verizon Orbic Speed Mobile Hotspot~~ ~~**AT&T Only**~~ ~~AT&T Cingular Flip 2~~ ~~Cricket Debut Flex~~

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
For All Defendants:	**For All Defendants:**
	~~Cricket Debut S2~~ ~~Cricket Icon 5~~ ~~Cricket Outlast~~ ~~Cricket Turbo Hotspot 2~~ ~~Cricket Turbo Hotspot 3~~ ~~LG Phoenix 3~~ ~~TCL Classic~~

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
T-Mobile Only:	**T-Mobile Only:**
T-Mobile REVVL 6 5G T-Mobile REVVL 6 PRO T-Mobile REVVL 6X 5G T-Mobile REVVL 6x PRO 5G T-Mobile REVVL TAB 5G	T-Mobile Hotspot T-Mobile SyncUP DRIVE T-MOBILE SyncUP KIDS Watch

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
AT&T Only:	**AT&T Only:**
Cricket Magic 5G	AT&T Cingular Flip 2 Cricket Debut Flex Cricket Debut S2 Cricket Icon 5 Cricket Outlast Cricket Turbo Hotspot 2 Cricket Turbo Hotspot 3 LG Phoenix 3 TCL Classic

Multimode (i.e. 5G/NR and 4G/LTE)	**4G/LTE**
Verizon Only:	**Verizon Only:**
Straight Talk All-in-one Internet Router	Verizon Airspeed Mobile Hotspot Verizon Care Smart watch Verizon Gizmo Watch 2 Verizon Gizmo Watch 3 Verizon Gizmo Watch Disney Edition Verizon LTE Home Router Verizon Orbic Speed Mobile Hotspot

Through discovery, Pegasus obtained information showing the complete list of mobile

devices used on each Defendant's~~2~~ mobile networks on or after the issuance of a patent-in-suit. These lists are attached as Appendices A–C, and the models are listed below. ~~Pegasus~~ These models are included as part of the ~~incorporates into its list of~~ Accused Usage Devices and Accused Sale Devices ~~the devices listed in Appendices A–C~~, excluding any Excluded Devices. In addition, Defendant Verizon disclosed the devices found at https://opendevelopment.verizonwireless.com/device-showcase, Defendant AT&T disclosed the devices found at https://iotdevices.att.com/certified-device-list.aspx, and Defendant T-Mobile disclosed the devices found at https://www.t-mobile.com/business/solutions/iot/device-certification.

AT&T Products from Appendix A excluding Samsung, Apple, and Huawei Devices

Alcatel Metrocell 9962
Asus Memo Pad ME375CL
Asus PadFone T00D
Asus PadFone X T00D
Asus PadFone X T00S
Asus Virgo Z00D
Audiovox CARCONNEC DA3100
Audiovox CCOBD2G
Blackberry 6210
Blackberry 7 290
Blackberry 8110 OYS
Blackberry 8320
Blackberry 8820
Blackberry 9700
Blackberry ABS SQC 1002
Blackberry Bold 9000
Blackberry Bold 9000 NC
Blackberry Bold 990
Blackberry Bold 9900
Blackberry Bold 9900NC
Blackberry Curve 8310
Blackberry Curve 9300

Blackberry Curve 9360
Blackberry Curve 9810
Blackberry Curve NC 9360
Blackberry Handheld 7100G
Blackberry Handheld N 8700C
Blackberry INS HSPA 9360 NAT
Blackberry INSTOURCH 9800NAT
Blackberry KEYOne
Blackberry PRIV STV100 1
Blackberry Q10 SQN1001
Blackberry QUAD 7290
Blackberry QUAD N 7290
Blackberry SQC 1002
Blackberry SQW 100 3
Blackberry TITA 8110
Blackberry TORCH 9800
Blackberry TORCH 9810
Blackberry V5000979 OS 9700
Blackberry Z101003

Emblem Solutions LLC Calypso 2 U319AA
Emblem Solutions LLC Calypso 3 U328AA
Emblem Solutions LLC Calypso 4 U380AA
Emblem Solutions LLC Calypso D U318AA
Emblem Solutions LLC Calypso U318AA
Emblem Solutions LLC Cingular Flex 2 U1030AA
Emblem Solutions LLC Cingular Flex EA211101
Emblem Solutions LLC Cingular Flip Q28A
Emblem Solutions LLC Classic 4058R
Emblem Solutions LLC Fusion 5G EA211005
Emblem Solutions LLC Fusion Z V340U
Emblem Solutions LLC Maestro M EA1002

Emblem Solutions LLC Maestro P V350U
Emblem Solutions LLC Maestro U202AA
Emblem Solutions LLC Maestro3 U626AA
Emblem Solutions LLC Motivate V341U
Emblem Solutions LLC Motivate2 EA211002
Emblem Solutions LLC Motivate3 EABF2220
Emblem Solutions LLC Motivate4 SL112A
Emblem Solutions LLC MOTIVMAX U668AA
Emblem Solutions LLC Propel 5G U6080AA
Emblem Solutions LLC Radiant C U304AA
Emblem Solutions LLC Radiant U304AA
Emblem Solutions LLC RadiantMA U705AA
Emblem Solutions LLC RadMax5G EA211001
Emblem Solutions LLC U102AA U102AA
Emblem Solutions LLC Vista WTAT&TTRW
Google Fold 512 G9FPL
Google Fold G9FPL
Google Pixel 4
Google Pixel 4 ORA
Google Pixel 4 XL
Google Pixel 4 XL ORA
Google Pixel 4A G025E
Google Pixel 5 GD1YQ
Google Pixel 6 S G9S9B
Google Pixel 6A GX7AS
Google Pixel 6A GX7AS CHS
Google Pixel 6P G8V0U
Google Pixel 7 GQML3

Google Pixel 7A GWKK3 CHS
Google Pixel 7P GE2AE
Google Pixel 8 BL GKWS6
Google Pixel 8128HAZ GKWS6
Google Pixel 8GKWS6
Google Pixel 8P B G1MNW HK
Google Pixel 8P128BLK G1MNW BL
Google Pixel 8PG1MNW
HTC 8525CAM
HTC ARIA A6366
HTC Desire 61 0P9O110
HTC Desire 626 0PM91200
HTC Desire EY 0PFH100
HTC F51 51
HTC GOPHONE 0P9O110
HTC Inspire PD98120
HTC One 0P6B120
HTC One A9 2PQ9120
HTC One M8
HTC One M8 0P6B120
HTC One M8 WI 0P6B180
HTC One M9 0PJA110
HTC One Mini P058220
HTC One PN07120
HTC PH39100
HTC PI39 100
HTC PI86100
HTC PIB 0P9O110
HTC PJ83100
HTC PM23300
HTC PM33100
HTC PM36100
HTC PM63100
HTC T87 88
Kyocera Drift C6745
Kyocera Duraforce
Kyocera Duraforce E4710
Kyocera Duraforce E4710 FE
Kyocera Duraforce E6560

Kyocera Duraforce E6820 NVY
Kyocera Duraforce XD E6790
Kyocera Duraforce XE EP E4830
Kyocera Duraforce XE EP E4830NC
Kyocera Hyro Sho C6742A
LGE 300 AF
LGE A340
LGE Arena 2 LMX320AP
LGE B470 B470
LGE B470 LGB470
LGE C1300
LGE C1300 EN
LGE C1300I
LGE C395
LGE C70 LG H443
LGE CF360 BL
LGE CF360 RE
LGE CG225
LGE CLAM CG180
LGE CU400
LGE CU515
LGE CU720 SL
LGE CU920 BL
LGE DUAL S LGH871S
LGE ELECTR P870
LGE ENCORE GT550 BL
LGE F4NR NON B471
LGE F5 A380
LGE F9100
LGE Flip A380
LGE G FLEX 2 H950
LGE G FLEX D950
LGE G Vista D631
LGE G Vista2 H740
LGE G2 D800
LGE G3 D850
LGE G4 H810
LGE G5 H820
LGE G6 H871
LGE G6 H871 PLT

LGE G8 ThinQ LM G820U
LGE G8X ThinQ LM G850U
LGE GR500 BL
LGE GR700 BL
LGE GT365
LGE GT365 BL
LGE GU295
LGE GW370 OR ORA
LGE K10 K425
LGE K20 M255
LGE K30 LMX410AS
LGE K40 LMX420AS
LGE K92 5G LMK920AM
LGE L1400
LGE NEON GT365 PA
LGE NEON Plus LMX320AM
LGE OPT G Pro E980
LGE P5 5
LGE P9 25
LGE Phoenix 2 K371
LGE Phoenix 3 LG M150
LGE Phoenix 3 M150
LGE Phoenix 4 DG LMX210AP
LGE Phoenix 4 LMX210AP
LGE Phoenix 5 LMK300AM
LGE Phoenix P LMX410AS
LGE Prime 2 LMX320AA
LGE Stylo 4P LMQ710WA
LGE Stylo 5 LMQ720AM
LGE TIME LMV600AM
LGE V10 H900
LGE V20 H910
LGE V30 H931
LGE V35 ThinQ LMV350A
LGE V40 ThinQ LMV405UA
LGE Velvet LMG900UM
LGE Vigor D725
LGE Wing 5G LMF100VM
LGE Xpression 2 C410

LGE Xpression LMX410AS
LGE Xpression LMX420AS
LGE XVenture H700
LGE Z LG D950
LGEE E970
Microsoft S3 WINPro 1657
Motorola Ace 5G XT21135
Motorola ATRIX MB860
Motorola C 139PIB
Motorola C168 I
Motorola C168I
Motorola CLAM C139PAYG
Motorola CLAM V173 PYP
Motorola CUSTOMX XT1058
Motorola E5 Play XT1921-2
Motorola Edge 2022 XT22052
Motorola ENS MPX220
Motorola G 5G XT221
Motorola G Go DD XT21637
Motorola G Go DG XT21637
Motorola G Play 3P XT20937
Motorola G Play DG XT20937
Motorola G Play XT20937
Motorola G Play23 D XT22713
Motorola G PLAY23 XT22713
Motorola G PLAY24 XT24133
Motorola G Power XT21652
Motorola G Pure3 XT21636
Motorola G Stylus 5 XT21313
Motorola G Stylus 5 XT22152

Motorola G Stylus 5 XT23154
Motorola G STYLUS2 XT23173
Motorola G5G 23 XT23133
Motorola G6 Play XT19229
Motorola G7 Play XT19525
Motorola K1
Motorola L2
Motorola L6
Motorola MB300 SL
Motorola MB508 BL
Motorola MB511 PLT
Motorola MB520 BL
Motorola MB886 LTE
Motorola Moto E LT XT1527
Motorola Moto G LT XT1045 8
Motorola Moto MB886
Motorola Moto NEXUS 6 XT1103
Motorola Moto One XT2075 2
Motorola Moto X 1 XT1097
Motorola Moto X 3
Motorola Moto X XT1058
Motorola Moto Z2 XT1789 0
Motorola Razr 2023 XT23235
Motorola Razr Plus XT23215
Motorola Razr XT2071 2
Motorola T720
Motorola V173 PAYG
Motorola V220
Motorola V3
Motorola V3 0
Motorola V365
Motorola V3XX
Motorola V551
Motorola V557
Motorola V9X

MOTV3 ENS R
NEC Terrain NE01A
Netcomm Wireless BONDI IFWA40
Netcomm Wireless BONDI IFWA-40
Netgear MOMENTUM 313 USB
Netgear Unite AC770S
Netgear Unite EXP AC779S
Netgear Unite EXP AC815S F
Netgear USB NSV 313
Nokia 1520 Lumia
Nokia 2320 PIB
Nokia 2600
Nokia 2720
Nokia 3120
Nokia 3120 ENS R
Nokia 3120 N
Nokia 3220B
Nokia 3595
Nokia 520 W520
Nokia 6010
Nokia 6010 ENS N
Nokia 6030
Nokia 6102I
Nokia 6102I CLAM
Nokia 6230
Nokia 6350
Nokia 6750
Nokia 6820I
Nokia 820
Nokia 830 Lumia
Nokia 900 MAG
Nokia 920
Nokia Cellboost Pro2 SN41BN
Nokia Cellboost SS2FII
Nokia E71X
Nokia FitBit FL Lumia 83
Nokia IDB 2610 PIB
Nokia Lumia 0
Nokia Lumia 0 XL
Nokia Lumia 0XL NY

Nokia Lumia 1020
Nokia Lumia 1520
Nokia Lumia 520
Nokia Lumia 635
Nokia Lumia 900 900
Nokia Lumia 920
Nokia Lumia 925
Nokia Lumia 950
Nokia Lumia NYP 830
Nokia Lumia W635
Nokia OYSTER 2320
Nokia TROUT 2680
Nvidia Shield TA P1761
Palm 650
Palm AceSLV
Palm Treo 750
Palm Veer P160UNA
Pantech Breeze IV IV P2050
Pantech P P7040P B
Pantech P2000 BL
Pantech P2020 BL
Pantech P2030 UMTS
Pantech P5000 BL
Pantech P6010 GR
Pantech P6020 LA
Pantech P6030 BL
Pantech P7000
Pantech P7040P P7040 BL
Pantech P8010
Pantech P9070
Pantech P9090
Pantech P7040P B
Pantech VYBE P6070
Pantech ST P9070
PCD ADS1
PCD Gemini 871A
PCD STX 2 BL
Quality One Wireless Alcatel C1 4015T
Quality One Wireless Alcatel 510A
Quality One Wireless Alcatel 871A

Quality One Wireless Axia DG QS5509A
Quality One Wireless Axia QS5509A
Quality One Wireless Cingular M3620
Quality One Wireless Hydrogen H1A1000
Quality One Wireless Nokia 3 1 TA1140
Quality One Wireless Razer PHO RZ350259
Quality One Wireless Sandestin 1930
Quality One Wireless SpareOne SO311WWR
Sierra CT66
Sierra SL56
Sonim XP3 Plus XP3900
Sonim XP3 Plus XP3900NC
Sonim XP3 XP3800
Sonim XP3 XP3800NC
Sonim XP5 Plus XP5900
Sonim XP5 Plus XP5900NK
Sonim XP5 XP5700
Sonim XP5S XP5800
Sonim XP6 XP6700
Sonim XP8 XP8800
Sonim XP9900 XP9900
Sony Ericsson GC83
Sony Ericsson LT28AT
Sony Ericsson SONY LT30AT
Sony Ericsson W518A RE
Sony Ericsson X10A
Sony Ericsson Z300A
SRW 7 75
SRW AC881
SRW AC881U
SRW Lightning USB 305
SRW USB 308
TCT 30Z 4188R

TCT Allura 5056O
TCT Axel 5004R
TCT Cameox 5044R
TCT Cameox D 5044R
TCT Cingular 4044O
TCT Cingular 4044O FE
TCT Ideal 4060A
TCT Ideal XCI 5044R
TCT Ideal XTRA 5059R
TCT Insight 5005R
TCT SmartFlip 4052R
TCT Tetra 5041C
TCT Tetra DG 5041C
TCT Volta 5002R
ZTE Avail 2 Z992
ZTE Avail Z990
ZTE Axon M Z999
ZTE Blade Spark Z971
ZTE Blender Z700A
ZTE Chapel Z831
ZTE F160
ZTE FHP WF720
ZTE Finsbury Z5250A
ZTE Maven 2 Z831
ZTE Maven 3 D Z835
ZTE Maven 3 Z835
ZTE Maven Z812
ZTE MF271A Z700A
ZTE MF279
ZTE Michael Z221 PAY
ZTE Michael Z221 PIB
ZTE Mustang Z998
ZTE Portland Z830
ZTE Spider Z431
ZTE Spider Z431 PAY
ZTE Velocity MF923
ZTE VIVI R225
ZTE WF 720
ZTE WF 721
ZTE WHP WF720
ZTE Z222
ZTE Z223

ZTE Z4
ZTE Z667
ZTE Z700 Z700
ZTE Z998 WZ998
ZTE ZMAX2 Z958
Acer A501 10S
Amazon E-reader 3G 7G
Asus Memo Pad ME275CL
Asus Memo Pad ME375CL
Emblem Solutions LLC Amigo JR 9136K
Emblem Solutions LLC TCL Tab 8
HTC Tab PG09410
Lenovo 300E Chromebook 82JAS025
Lenovo Moto Tab TB X704A
Lenovo ThinkPad 20WLS4HT
Lenovo ThinkPad 21BYS03Y
LGE GPAD F 8 V495
LGE GPAD V410
LGE GPAD X 10 V930
LGE GPAD X 8 V520
Microsoft Surface3 1657
Netgear 754S NSV
Nokia Lumia 2520
Quality One Wireless SurfaceG 1927
Quality One Wireless SurfaceG GO3 2022
SNY CRSTL SGP T211USS
TCT Modio Y860OA
TCT Trek HD 9020A
ZTE Prime K92
ZTE SPRO2 MF97B
ZTE Trek 2 K88
Amazon Firestick 4930UR
Amazon Firestick 4930UR64
Amazon Kindle

Arlo Go LTE
Emblem Solutions LLC 5G GATEWA NCM112
Emblem Solutions LLC KonnectOne K779HSDL
Emblem Solutions LLC Press CT2MHS01
Emblem Solutions LLC Turbo CT2MHS01
Emblem Solutions LLC Turbo3 CT2MHS02
FILIP Technology LOCATORV2 EF 1
Google GWT9R GWT9R
Google PW2 GD2WG BL
Harman Becker Auto Systems HSA15UABR HSA15UAB
Harman Becker Auto Systems SPARK HSA-15UA
Ingram Micro Inc. 5G ADAPTE S700 C4D CHS
Ingram Micro Inc. E100 5GC S5A352A CHS
Ingram Micro Inc. E3000 5G BF033000
Ingram Micro Inc. E3005GB ENTERPRI
Ingram Micro Inc. E300C7C E300C7C
Ingram Micro Inc. Netcloud AER22001
Ingram Micro Inc. Netcloud CBA85012
Ingram Micro Inc. Netcloud E3000C18
Ingram Micro Inc. Netcloud IBR17001
Ingram Micro Inc. Netcloud IBR600C1
Ingram Micro Inc. Netcloud IBR90012

Ingram Micro Inc. Netcloud MC400120
Ingram Micro Inc. ROUTER R920 CHS
Ingram Micro Inc. W1850 BRA W18505GB
Ingram Micro Inc. W1850 S5A325A CHS
LGE 43UJ6300 SMARTTV
LGE Urbane 2 LTE
LGE Watch Sport W280A
MLP M9001 Magic LE MDS
MLP M9002 Magic LE MDS
MLP M9009 Magic LE MDS
Netgear 5G Nighthawk MR5000
Netgear Beam AC340U
Netgear Beam NSV AC340U

Netgear Elevate 754S
Netgear M6 Nighthawk MR6110
Netgear M6 Pro Nighthawk MR6500
Netgear Nighthawk MR1100
Netgear Nighthawk MR1100 F
Netgear Nighthawk MR1100 N
Netgear Nighthawk MR5100
Netgear Unite AC770S
Netgear Unite EXP AC797
Netgear Unite EXP AC815S
Netgear Unite EXP AC815S N
Netgear Unite Pro AC781S
Netgear Unite Pro AC781SN

Nokia Cellboost Pro SN41BN
Quality One Wireless A10 RT410
Quality One Wireless A50 RG2102
Quality One Wireless GLO MOD U MC800
Quality One Wireless Global MIFI8000
Quality One Wireless Inseego MIFI8000
Quality One Wireless Siyata SD SD7
Roku Premiere WIFI
TMX Ironman M061
ZTE Mobley VM6200
ZTE Velocity MF923
ZTE Velocity MF985
ZTE Velocity USB MF861

T-Mobile Products from Appendix B excluding Samsung, Apple, and Huawei Devices

Acer Chromebook 511
Alcatel 1X Evolve
Alcatel 3T Tablet 8"
Alcatel 3V
Alcatel 7
Alcatel 768
Alcatel A30 Fierce
Alcatel A30 Tablet 8"
Alcatel GO Flip
Alcatel GO FLIP 3
Alcatel GO FLIP 4
Alcatel Idol 4S
Alcatel JOY Tab
Alcatel JOY Tab 2
Alcatel JOY Tab Kids
Alcatel JOY Tab Kids 2
Alcatel LinkZone
Alcatel LinkZone Hotspot

Alcatel LinkZone2
Alcatel onetouch Evolve
Alcatel onetouch Evolve 2
Alcatel onetouch Fierce
Alcatel onetouch Fierce 2
Alcatel onetouch Fierce 4
Alcatel onetouch Fierce XL
Alcatel onetouch Fierce XL Windows
Alcatel POP 7
Alcatel POP 7 LTE
Alcatel POP 7 LTE JBL
Alcatel POP Astro
Alcatel T-Mobile REVVL
Alcatel T-Mobile REVVL 2
Alcatel T-Mobile REVVL 2 Plus
Alcatel T-Mobile REVVL 4

Alcatel T-Mobile REVVL 4+
Alcatel T-Mobile REVVL 5G
Alcatel T-Mobile REVVL Prepaid
Alcatel TRU
ANS Hot Pepper Tabasco
ANS Wiko Voix
Arcadyan KVD21 Gateway
Arcadyan T-Mobile HINT Gateway 5G
Arlo Go
Arlo Go 2
Askey T-Mobile HINT Gateway LTE
Bullitt Mobile CAT S22
Bullitt Mobile CAT S62
Coolpad Belleza

Coolpad Catalyst
Coolpad Defiant
Coolpad Legacy
Coolpad metroSMART Hotspot
Coolpad Rogue Prepaid
Coolpad SNAP
Coolpad SURF
Coolpad Tasker
Coolpad T-Mobile REVVL Plus
CoolpadSyncUP Tracker
CyberTAN SyncUP Pets
Foxx Miro Visio+
Franklin JEXtream RG2100 5G Hotspot
Franklin T10
Franklin T9
Geotab GO8 LTE
Geotab GO9 LTE
Geotab GO9 Rugged
Geotab Surfsight Dash Cam
Geotab SyncUP Fleet
Google Pixel 3
Google Pixel 3 XL
Google Pixel 3a
Google Pixel 3a XL
Google Pixel 4
Google Pixel 4 XL
Google Pixel 4a 5G
Google Pixel 6
Google Pixel 6 Pro
Google Pixel 6a
Google Pixel 6A 5G
Google Pixel 7
Google Pixel 7 Pro
Google Pixel 7a
Google Pixel 8
Google Pixel 8 Pro
Google Pixel Fold
Google Pixel Watch 2 41mm
Google Pixel Watch 41mm
Harman UConnect 4G Adapter
HTC Desire 530

HTC Desire 626S
HTC One M10
HTC U11 life
HTC Wildfire S
Ingram CradlePoint ES320 5G
Inseego FX2000 5G OPEX
Inseego FX2000 5G OPEX v2
Inseego FX3100 5G OPEX
Inseego MiFi M2000 5G
Inseego MiFi X PRO 5G
Inseego T-Mobile HINT Gateway 5G
KonnectOne metroSMART Ride
KonnectOne Moxee Signal
KonnectOne Moxee Tablet 2
KonnectOne Moxee x800
KonnectOne SyncUP Drive
KonnectOne SyncUP Drive 2
Kyocera DuraForce Pro
Kyocera DuraForce XD
Kyocera Hydro Wave
Kyocera Hydro XTRM
Kyocera Latitude
Kyocera Rally
Lenovo Chromebook 100E 2nd Gen
Lenovo PC 100e 2nd Gen
LG 450
LG Aristo
LG Aristo 2
LG Aristo 2 Plus
LG Aristo 3
LG Aristo 3 Plus
LG Aristo 4 Plus
LG Aristo 4+
LG Aristo 5
LG Aristo LV3
LG G Pad 5
LG G Pad 5 10.1
LG G Pad X 8.0
LG G Pad X2 8.0 Plus

LG G Stylo
LG G4
LG G5
LG G6
LG G7 ThinQ
LG G8 ThinQ
LG K10
LG K20 Plus
LG K30
LG K40
LG K40 32GB
LG K51
LG K7
LG Leon LTE
LG Optimus F3
LG Optimus F6
LG Optimus F60
LG Optimus L70
LG Optimus L9
LG Optimus M Plus
LG Q7 Plus
LG Q7+
LG Stylo 2 Plus
LG Stylo 3 Plus
LG Stylo 4
LG Stylo 5
LG Stylo 6
LG V10
LG V20
LG V30
LG V30+
LG V40 ThinQ
LG V60 ThinQ 5G Dual Screen
LG V60 ThinQ 5G Single Screen
LG Velvet 5G
LG WING
MDI SyncUP Drive SD-7000T
MDI SyncUP Drive SD-7000T1
Microsoft Lumia 640
Motorola moto e
Motorola moto e4

Motorola moto e5 play
Motorola moto e5 plus
Motorola moto e6
Motorola moto e6 surf
Motorola moto edge 5G
Motorola moto g 2nd Gen
Motorola moto g 5G
Motorola moto g 5G 2nd Gen
Motorola moto g play
Motorola moto g power 2022
Motorola moto g power 5G
Motorola moto g pure
Motorola moto g stylus 2020
Motorola moto g stylus 5G
Motorola moto g stylus 5G 2nd Gen
Motorola moto g stylus 5G 3rd Gen
Motorola moto g7 play oslo m
Motorola moto g7 power
Motorola moto g7 power oslo h
Motorola moto One 5G Ace
Motorola moto razr 2nd Gen
Motorola moto RAZR 5G
Motorola moto razr+
Motorola RAZR 5G
Motorola T-Mobile REVVLRY
Motorola T-Mobile REVVLRY+
Motorola Z2 Force
Nest Security Pack
Nokia C210
Nokia G310 5G
Nokia G400 5G
Nokia Lumia 521
Nokia T-Mobile HINT Gateway 5G
Nokia X100
Nokia X100 5G
OnePlus 10 Pro 5G

OnePlus 10T 5G
OnePlus 6T
OnePlus 7 Pro
OnePlus 7T
OnePlus 7T Pro 5G McLaren
OnePlus 8 5G
OnePlus 8T+ 5G
OnePlus 9 5G
OnePlus 9 Pro 5G
OnePlus Nord N10 5G
OnePlus Nord N100
OnePlus Nord N20 5G
OnePlus Nord N200 5G
OnePlus Nord N30 5G
OnePlus Nord N300 5G
Pintrac FRA Pet Tracker
Quality One Schok Flip
Quanta SyncUP KIDS Watch
Quanta SyncUP KIDS Watch 1.5
Quanta T-Mobile 5G HotSpot
Sagemcom T-Mobile HINT Gateway 5G
Sercomm T-Mobile HINT Gateway 5G
Sonim XP3 Plus
Sonim XP3 Plus NC
TCL 20 XE
TCL 30 XE 5G
TCL 50 XL 5G
TCL FLIP Go
TCL Ion X
TCL K11
TCL STYLUS 5G
TCL SyncUP Tracker
TCL TAB 10 5G
TCL TAB 8 LE
Timex FamilyConnec
Timex FamilyConnect
T-Mobile Hotspot HS1
T-Mobile REVVL 5G
T-Mobile REVVL 6 5G

T-Mobile REVVL 6 Pro 5G
T-Mobile REVVL 6x 5G
T-Mobile REVVL 6x Pro 5G
T-Mobile REVVL 7 5G
T-Mobile REVVL 7 Pro 5G
T-Mobile REVVL Tab 5G
T-Mobile REVVL V
T-Mobile REVVL V+ 5G
T-Mobile REVVL4
T-Mobile REVVL4+
T-Mobile REVVLRY
Wingtech T-Mobile HotSpot HS1 P10M
Wingtech T-Mobile HotSpot HS1 Test Drive
Wingtech T-Mobile REVVL 6 5G
Wingtech T-Mobile REVVL 6 Pro 5G
Wingtech T-Mobile REVVL 6x 5G
Wingtech T-Mobile REVVL 6x Pro 5G
Wingtech T-Mobile REVVL TAB 5G
Wingtech T-Mobile REVVL V+ 5G
Wondalink LineLink
ZTE Aspect
ZTE Avid 4 Juniper
ZTE Avid Plus
ZTE Avid Trio
ZTE Blade Z Max
ZTE CYMBAL
ZTE Falcon Z917
ZTE Marble
ZTE Obsidian
ZTE Quartz
ZTE SPRO2
ZTE SyncUP Drive
ZTE Tempest
ZTE X500M
ZTE ZMAX
ZTE ZMAX Pro

Verizon Products from Appendix C excluding Samsung, Apple, and Huawei Devices

5G CORE SMARTPHONE PDI
5G DSDS ESIM TEST
ALCATEL A30 PLUS
ALCATEL A501DL
ALCATEL AVALON
ALCATEL AVALON V
ALCATEL GO FLIP V
AS31
ASUS ZENFONE AR
ASUS ZENFONE V
ASUS ZENPAD Z10
ASUS ZENPAD Z8
ASUS ZENPAD Z8S
BLACKBERRY PRIV
BLU VIEW 5
BS31
BS41
CASIO G'ZONE COMMANDO
CASIO G'ZONE COMMANDO 4G LTE
CASIO G'ZONE RAVINE
CASIO G'ZONE RAVINE 2
CAT S48C
CT31
DT31
EPRIDSMEPTEST
GOOGLE MEP TEST
GOOGLE NEXUS 6
GOOGLE PIXEL
GOOGLE PIXEL 2
GOOGLE PIXEL 2 XL
GOOGLE PIXEL 3
GOOGLE PIXEL 3 XL
GOOGLE PIXEL 3A
GOOGLE PIXEL 3A XL
GOOGLE PIXEL 4
GOOGLE PIXEL 4 XL
GOOGLE PIXEL 4A
GOOGLE PIXEL 4A 5G

UW
GOOGLE PIXEL 5
GOOGLE PIXEL 5A 5G
GOOGLE PIXEL 6
GOOGLE PIXEL 6 PRO
GOOGLE PIXEL 6A
GOOGLE PIXEL 7
GOOGLE PIXEL 7 PRO
GOOGLE PIXEL 7A
GOOGLE PIXEL 8
GOOGLE PIXEL 8 PRO
GOOGLE PIXEL 8A
GOOGLE PIXEL 9
GOOGLE PIXEL 9 PRO
GOOGLE PIXEL 9 PRO FOLD
GOOGLE PIXEL 9 PRO XL
GOOGLE PIXEL FOLD
HP ELITE X2
HP ELITEBOOK X360 1030 G4
HP ENVY X2
HTC 10
HTC DESIRE 526
HTC DESIRE 530
HTC DESIRE 612
HTC DESIRE 626
HTC ONE
HTC ONE M9
HTC ONE REMIX
KAZUNA ETALK
KAZUNA ETALK MYFLIX
KYOCERA BRIGADIER
KYOCERA CADENCE LTE
KYOCERA DURA FORCE PRO 2
KYOCERA DURA XV EXTREME CAMERA
KYOCERA DURA XV EXTREME NO CAMERA

KYOCERA DURA XV LTE CAMERA
KYOCERA DURA XV LTE NO CAMERA
KYOCERA DURAFORCE PRO 3
KYOCERA DURAFORCE ULTRA 5G
KYOCERA DURAFORCEPRO
KYOCERA DURASPORT 5G UW
KYOCERA DURAXV
KYOCERA DURAXV EXTREME PLUS
KYOCERA DURAXV EXTREME PLUS NO CAMERA
KYOCERA DURAXVPLUS
KYOCERA DURAXVPLUS NO CAMERA
KYOCERA PHANTOM
LENOVO TAB 4 8 PLUS
LG COSMOS
LG COSMOS 3
LG ENLIGHTEN
LG ENV3
LG EXALT
LG EXALT 2
LG EXALT LTE
LG EXTRAVERT 2
LG G PAD X8.3
LG G VISTA
LG G2
LG G4
LG G5
LG G6
LG G7 THINQ
LG G8 THINQ

LG GPAD 10.1 LTE
LG GPAD 5
LG GPAD 7.0 LTE
LG GPAD 8.3 LTE
LG K20 V
LG K4 LTE
LG K51 TITAN
LG K8 V
LG LANCET
LG LUCID
LG LUCID 2
LG LUCID 3
LG OCTANE
LG OPTIMUS EXCEED 2
LG OPTIMUS ZONE 2
LG OPTIMUS ZONE 3
LG Q70
LG REVERE
LG REVERE 2
LG REVERE 3
LG STYLO 2V
LG STYLO 4
LG STYLO 5
LG STYLO 5V
LG STYLO 6
LG TERRA
LG TRANSPYRE
LG V10
LG V20
LG V30
LG V40 THINQ
LG V50 THINQ
LG V60 THINQ UW
LG VELVET 5G AG
LG VX5200
LG VX5500
LG VX5600
LG VX8300
LG VX8360
LG WING
LG ZONE 4
LSBD
MICROSOFT SURFACE 3
MICROSOFT SURFACE DUO

MICROSOFT SURFACE GO
MICROSOFT SURFACE GO 2
MICROSOFT SURFACE GO 3 WIN10
MICROSOFT SURFACE GO 3 WIN11
MICROSOFT SURFACE PRO 7 PLUS
MICROSOFT SURFACE PRO 7 PLUS LTE
MICROSOFT SURFACE PRO 8 (MODEL 1982)
MICROSOFT SURFACE PRO 8 I5 WIN10
MICROSOFT SURFACE PRO 8 I7 WIN10
MICROSOFT SURFACE PRO 8 WIN11
MICROSOFT SURFACE PRO 9
MICROSOFT SURFACE PRO 9 2022
MICROSOFT SURFACE PRO LTE
MICROSOFT SURFACE PRO X
MICROSOFT SURFACE PRO X V2
MOTOROLA DROID A855
MOTOROLA DROID MAXX
MOTOROLA DROID MAXX 2
MOTOROLA DROID MINI
MOTOROLA DROID RAZR
MOTOROLA DROID RAZR M
MOTOROLA DROID RAZR MAXX
MOTOROLA DROID RAZR MAXX HD
MOTOROLA DROID TURBO

MOTOROLA DROID TURBO 2
MOTOROLA DROID TURBO 2 EMPLOYEE EDITION
MOTOROLA DROID ULTRA
MOTOROLA EDGE 2021
MOTOROLA EDGE 2022
MOTOROLA EDGE 5G UW
MOTOROLA EDGE PLUS 5GUW 2022
MOTOROLA G PLAY 2021
MOTOROLA G POWER 2021
MOTOROLA G POWER 2022
MOTOROLA G PURE
MOTOROLA MOTO E
MOTOROLA MOTO E 2020
MOTOROLA MOTO E LE
MOTOROLA MOTO E4
MOTOROLA MOTO E4 PLUS
MOTOROLA MOTO E5 GO
MOTOROLA MOTO E5 PLAY
MOTOROLA MOTO E6
MOTOROLA MOTO EDGE+
MOTOROLA MOTO EDGE+ 2023
MOTOROLA MOTO G
MOTOROLA MOTO G 5G 2023
MOTOROLA MOTO G 5G 2024
MOTOROLA MOTO G FAST
MOTOROLA MOTO G PLAY
MOTOROLA MOTO G

PLAY 2023
MOTOROLA MOTO G PLAY 2024
MOTOROLA MOTO G POWER
MOTOROLA MOTO G POWER 2021
MOTOROLA MOTO G POWER 5G
MOTOROLA MOTO G POWER 5G 2023
MOTOROLA MOTO G POWER 5G 2024
MOTOROLA MOTO G STYLUS
MOTOROLA MOTO G STYLUS 2022
MOTOROLA MOTO G STYLUS 5G
MOTOROLA MOTO G STYLUS 5G 2021
MOTOROLA MOTO G6
MOTOROLA MOTO G6 PLAY
MOTOROLA MOTO G7
MOTOROLA MOTO G7 PLAY
MOTOROLA MOTO G7 POWER
MOTOROLA MOTO ONE 5G UW
MOTOROLA MOTO RAZR
MOTOROLA MOTO RAZR 2020
MOTOROLA MOTO THINKPHONE
MOTOROLA MOTO X
MOTOROLA MOTO X PURE
MOTOROLA MOTO X4
MOTOROLA MOTO Z DROID
MOTOROLA MOTO Z FORCE
MOTOROLA MOTO Z

PLAY
MOTOROLA MOTO Z2 FORCE
MOTOROLA MOTO Z2 PLAY
MOTOROLA MOTO Z3
MOTOROLA MOTO Z4
MOTOROLA ONE 5G ACE
MOTOROLA ONE 5G UW ACE
MOTOROLA V325
MOTOROLA W755
NOKIA 2 V
NOKIA 2 V TELLA
NOKIA 2720 V FLIP
NOKIA 2780 FLIP
NOKIA 3 V
NOKIA 3589I
NOKIA 8 V 5G UW
ONEPLUS 12R
ONEPLUS 7 PRO
ONEPLUS 8 5G UW
ONEPLUS NORD N10
ONEPLUS NORD N200
ONEPLUS OPEN
ORBIC JOURNEY L
ORBIC JOURNEY V CDMALESS
ORBIC JOY
ORBIC MAUI
ORBIC MYRA 5G UW
ORBIC TAB8 5G
ORBIC WONDER
PALM PHONE
PANTECH PERCEPTION
PIXEL XL
PT31
QUANTA ELLIPSIS 10 HD
QUANTA ELLIPSIS 8 HD
QUANTA ELLIPSIS KIDS
RAZER EDGE 5G
RED HYDROGEN ONE
SHARP ROUVO V
SONIM XP10 4G LTE
SONIM XP3 PLUS WITH

CAMERA
SONIM XP3 PLUS WITHOUT CAMERA
SONIM XP3 WITH CAMERA
SONIM XP3 WITHOUT CAMERA
SONIM XP5
SONIM XP5S
SONIM XP8
SONY XPERIA Z2 TABLET
TCL 10 5G UW
TCL 30 LE
TCL 30 V 5G
TCL 40 XE 5G
TCL 50 LE
TCL 50 XE 5G
TCL A1
TCL FLIP 3
TCL FLIP PRO
TCL TAB 10 NXTPAPER 5G
TCL TAB 10 NXTPAPER 5G (OPTIMUS 5G)
TCL TAB 4G DISNEY
TCL TAB 5G UW
TCL TAB 8
TCL TAB 8 PLUS
TCL TAB DISNEY EDITION 2
TCL TAB FAMILY EDITION
TCT 30 Z
TCT 40 T
UTSTARCOM CDM8630
UTSTARCOM GZONE
VERIZON ELLIPSIS 10
VERIZON ELLIPSIS 7
VERIZON ELLIPSIS 8
VERIZON GIZMOTAB
ZEBRA TC26 SMARTPHONE
ZEBRA TC26 TOUCH COMPUTER

ZEBRA TC57HO	ZENFONE V LIVE	ZTE BLADE VANTAGE 2
ZEBRA TC77HL	ZTE BLADE VANTAGE	ZTE CYMBAL

More complete information about the devices that Defendants have sold or that have been used on Defendants' 4G/LTE and 5G/NR mobile networks and configured to communicate in accordance with LTE/NR Releases 8–17 (or later) is in the possession of Defendants and is expected to be obtained through discovery. Pegasus reserves the right to augment and supplement its preliminary identification of infringing products based upon additional information obtained through discovery.

Upon information and belief, Defendants' 4G/LTE and 5G/NR mobile networks utilize "Accused Base Station Equipment," which includes equipment provided by vendors including at least Ericsson and Nokia and/or others. The Accused Base Station Equipment may include, but is not limited to, Nokia AirScale indoor Radio (ASiR) System Base Band Unit, Nokia ReefShark-powered AirScale massive MIMO antennas 32TRX, Nokia ReefShark-powered AirScale massive MIMO antennas 64TRX, Nokia 8T8R remote radio head, Nokia G400 5G, Nokia G300 5G, Nokia G100, Nokia G50, Nokia X100 5G, Nokia XR20, Nokia C200, Nokia C100, the Ericsson AIR 3246, Ericsson AIR 5121, Ericsson AIR 6468, Ericsson AIR 6488, Ericsson Baseband 6303, Ericsson Baseband 6502, Ericsson Baseband 6620, Ericsson Baseband C608, Ericsson Baseband P614, Ericsson Radio 2205, Ericsson Radio 2242, Ericsson Radio 3246, Ericsson Radio 4407, Ericsson Radio 4412, Ericsson Radio 4442, Ericsson Radio 4478, Ericsson Radio 5121, Ericsson Radio 6488, Ericsson Radio 8808, and any other equipment Defendants employ to provide 4G/LTE and/or 5G/NR radio coverage to users on its network, or in support thereof. More complete information about the equipment that Defendants utilize in their mobile networks that are configured to communicate in accordance with LTE/NR Release 8–17 (or later) is in the

possession of Defendants and is expected to be obtained through discovery.

Additionally, based on Defendants' and Intervenors' responses to Pegasus's Common Interrogatory 3, Pegasus became aware of the following equipment used in Defendants' networks:

- Verizon:
  - Ericsson 4G Equipment: Models DUS41, BB5216, BB6630, BB6648, BBR597, RANP6339, RANP6651, ~~RANP6339, and~~ RANP6551, and RANP6672.
  - Ericsson 5G Equipment: Models BB5216, BB6630, BB6648, BBR503, RANP6339, RANP6651, ~~RANP6339, and BB5216~~and RANP6672.
  - Nokia 4G Equipment: Models ASIA AirScale Common, ABIA AirScale Capacity.
  - *See also* ERIC_Pegasus0548093.
- AT&T:
  - Ericsson 4G Equipment: Models DUL20, DUS41, BB5216, BB6303, BB6502, BB6630, BB6631, BB6648, BBP614, BBR503, RANP6337, RANP6339, RANP6651, RANP6672, RBS6302, and RBS6501.
  - Ericsson 5G Equipment: Models BB5216, BB6303, BB6502, BB6630, BB6631, BB6648, BBP614, BBR503, RANP6337, RANP6339, RANP6651, and RANP6672.
  - ~~N~~
  - Nokia 4G Equipment: Models ASIA AirScale Common, ASIB AirScale Common, ASIL AirScale Common, ABIA AirScale Capacity, ABIO AirScale Capacity.
  - Nokia 5G Equipment: Models ASIK AirScale Common, ASIL AirScale Common, ABIL AirScale Capacity, ABIO AirScale Capacity.

- *See also* ERIC_Pegasus0548093; ATT_Pegasus0036727-0036730.

- T-Mobile:
  - Ericsson 4G Equipment: Models DUS31, DUS41, BB5216, BB6502, BB6630, BB6631, BB6648, BBP614, BBR503, RANP6639, RANP6651, and RANP6672.
  - Ericsson 5G Equipment: Models BB5216, BB6502, BB6630, BB6631, BB6648, BBP614, BBR503, RANP6639, RANP6651, and RANP6672.
  - Nokia 4G Equipment: Models ASIA AirScale Common, ASIAA AirScale Common, ASIB AirScale Common, ASIL AirScale Common, ABIA AirScale Capacity, ABIC AirScale Capacity, ABIL AirScale Capacity, ABIO AirScale Capacity.
  - Nokia 5G Equipment: Models ASIB AirScale Common, ASIK AirScale Common, ASIL AirScale Common, ASIM AirScale Common, ABIA AirScale Capacity, ABIL AirScale Capacity, ABIO AirScale Capacity, ABIP AirScale Capacity.
  - *See also* ERIC_Pegasus0548093~~n~~, TMO000076189, TMO000121121-121124, TMO000121127-121134, TMO000123426-123428.

C. Claim Charts for Literal Infringement

Pegasus's preliminary infringement charts are provided as attached Exhibits A1–A12, V1–V12, and T1–T12, which map the applicable standards to the asserted claims. In each claim chart, the discussion for dependent claims should be read as incorporating by reference the discussion corresponding to the claims on which they depend. In addition, the discussion for each row in the chart should be read within the context of the discussion for the entire claim to which that row pertains. Where the charts incorporate excerpts of particular versions of technical specification documents, the reference to those versions is exemplary and not to the exclusion of any prior or

subsequent versions of the document or any versions of related documents.

Defendants directly infringe the asserted claims under 35 U.S.C. § 271(a) by operating and using the Accused Instrumentalities, selling and offering for sale access to its 4G/LTE and 5G/NR mobile networks, and selling and offering to sell Accused Sale Devices. Furthermore, Defendants infringe the asserted claims under 35 U.S.C. § 271(b) by taking active steps to encourage and facilitate direct infringement by others, including customers and/or end users using the Accused Instrumentalities, with knowledge and the specific intent that its efforts will result in the direct infringement of the asserted claims. In addition, Defendants infringe the asserted claims under 35 U.S.C. § 271(c) by selling or offering to sell the Accused Sale Devices with knowledge that they are especially designed or adapted to operate in a manner that infringes the asserted claims and despite the fact that the infringing technology or aspects of the Accused Sale Devices are not a staple article of commerce suitable for substantial non-infringing use. Pegasus reserves the right to augment and supplement its preliminary claim charts based upon additional information obtained through discovery.

D. <u>Doctrine of Equivalents</u>

Unless otherwise noted in the claim charts, Pegasus alleges that Defendants infringe literally all claims identified above. To the extent any differences are alleged to exist between the above-identified claims and Defendants' infringing conduct, such differences are insubstantial and Defendants' products and processes perform substantially the same function, in substantially the same way, to yield substantially the same result, and therefore defendants infringe under the doctrine of equivalents.

Pegasus reserves the right to augment and supplement its disclosure concerning the doctrine of equivalents based upon additional information obtained through discovery or based

upon the Court's claim construction.

E. Priority Claim to an Earlier Application

The table below shows, for patents that claim priority to an earlier application, the priority date to which each asserted claim is entitled based on such earlier application.

Patent	Claims	Priority Date from Earlier Application
11,627,631	1–18	November 3, 2016, as well as the dates of any subsequent applications
10,181,931	1–7	September 27, 2013, as well as the dates of any subsequent applications
10,616,932	1–2, 4, 8–9, 11	July 14, 2015, as well as the dates of any subsequent applications
11,405,942	1–3, 5–7, 9–11	November 16, 2016, as well as the dates of any subsequent applications
10,594,460	1–12	July 28, 2017, as well as the dates of any subsequent applications
10,721,118	1–3, 6–12, 15	May 12, 2016, as well as the dates of any subsequent applications
11,219,000	1–12	September 29, 2017, as well as the dates of any subsequent applications
10,638,463	1–9	September 29, 2017, as well as the dates of any subsequent applications
11,540,272	1–20	October 31, 2016, as well as the dates of any subsequent applications
9,894,644	1–3	September 26, 2013, as well as the dates of any subsequent applications
10,009,161	1–6	March 21, 2014, as well as the dates of any subsequent applications

Pegasus reserves the right to augment and supplement its disclosure concerning the priority date based upon the Court's claim construction, additional information obtained through discovery, or other information.

F. Practice of the Claimed Invention

Pegasus is not relying on an assertion that its own apparatus, product, device, process,

method, act, or other instrumentality practices the asserted claims of the patents-in-suit.

II. Document Production Accompanying Disclosure

A. Local Patent Rule 3-2(a)

Pegasus is not aware of any documents potentially responsive to P.R. 3-2(a) within its possession, custody, or control at this time. Pegasus reserves the right to augment and supplement its disclosure under P.R. 3-2(a) based upon additional information obtained through discovery or other information.

B. Local Patent Rule 3-2(b)

Pegasus identifies the following documents as potentially responsive to P.R. 3-2(b): PEGASUS_00000001 – PEGASUS_00000042. Pegasus reserves the right to augment and supplement its disclosure under P.R. 3-2(b) based upon additional information obtained through discovery or other information.

C. Local Patent Rule 3-2(c)

Pegasus identifies the following documents as potentially responsive to P.R. 3-2(c): PEGASUS_00000043 – PEGASUS_00007843. Pegasus reserves the right to augment and supplement its disclosure under P.R. 3-2(c) based upon additional information obtained through discovery or other information.

DATED: March 31~~February 10~~, 2025 Respectfully submitted,

By: */s/ Max L. Tribble*

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CERTIFICATE OF SERVICE

I hereby certify that on March 31~~February 10~~, 2025, a true and correct copy of the foregoing was served upon all counsel of record by email.

/s/ Jordan Rux
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