

Filed on behalf of: Cellco Partnership d/b/a Verizon Wireless

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS
Petitioner

v.

GENERAL ACCESS SOLUTIONS, LTD.
Patent Owner

IPR2023-00978
U.S. Patent No. 7,230,931

PETITIONER'S UPDATED EXHIBIT LIST

Updated Exhibit List

Ex. No.	Description
1001	U.S. Patent No. 7,230,931 (the “’931 patent”)
1002	Declaration of Kevin Almeroth, Ph.D.
1003	Curriculum Vitae of Kevin Almeroth, Ph.D.
1004	Ulrich Vornefeld et al., “SDMA Techniques for Wireless ATM,” IEEE Communication Magazine, November 1999 (“Vornefeld”)
1005	U.S. Patent No. 6,160,800 (“Atsuta”)
1006	U.S. Patent No. 6,154,661 (“Goldburg”)
1007	U.S. Patent No. 6,795,409 (“Youssefmir”)
1008	Michael Tangemann, “Influence of the User Mobility on the Spatial Multiplex Gain of an Adaptive SDMA System,” 5 th <i>IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Wireless Networks – Catching the Mobile Future</i> , The Hague, Netherlands, 1994 (“Tangemann”)
1009	<i>Sprint Spectrum L.P. v. General Access Solutions, Ltd.</i> , IPR2017-01778, Paper 43 (P.T.A.B. Mar. 7, 2019)
1010	<i>Sprint Spectrum L.P. v. General Access Solutions, Ltd.</i> , IPR2017-01778, Paper 61 (P.T.A.B. Jan. 29, 2021)
1011	<i>Sprint Spectrum L.P. v. General Access Solutions, Ltd.</i> , IPR2017-01778, Paper 25 (P.T.A.B. Aug. 3, 2018) (PO response)
1012	File History for U.S. Patent No. 7,230,931
1013	Claim Construction Order, dated September 29, 2020, from <i>General Access Solutions, Ltd. v. Virgin Mobile USA, L.P. et al.</i> , Case No. 2-20-cv-00007 (E.D. of Texas)
1014	<i>Sprint Spectrum L.P. v. General Access Solutions, Ltd.</i> , IPR2017-01778, Paper 1 (P.T.A.B. July 28, 2017) (Sprint Petition)

Ex. No.	Description
1015	<i>Sprint Spectrum L.P. v. General Access Solutions, Ltd.</i> , IPR2017-01778, Paper 42 (P.T.A.B. July 28, 2017) (Sprint Petition) (Hearing Transcript)
1016	<i>General Access Solutions, Ltd. v. Verizon Communications, Inc.</i> , No. 2:22-cv-394 (Jan. 5, 2023) (infringement contentions)
1017	<i>General Access Solutions, Ltd. v. Virgin Mobile USA, L.P. et al</i> , Case No. 2:20-cv-00007, Document 350 (E.D. Tex. July 21, 2021)
1018	George McDaniel, IBM Dictionary of Computing (1994)
1019	Declaration of Sylvia D. Hall-Ellis, Ph.D.
1020	Correspondence Regarding <i>Fintiv</i> Stipulation
1021	Harry Newton, Newton’s Telecom Dictionary 16th ed. (2000)
1022	Walter H.W. Tuttlebe, CORDLESS TELECOMMUNICATIONS WORLDWIDE (1997) (excerpts)
1023	Theodore S. Rappaport, WIRELESS COMMUNICATIONS, PRINCIPLES & PRACTICE (1996) (additional excerpts related to EX2022))
1024	Deposition Transcript of Dr. Douglas A. Chrissan
1025	Reply Declaration of Dr. Kevin C. Almeroth
1026	Holma, et al., “Evaluation of interference Between Uplink and Downlink in Ultra/TDD,” IEEE, VCT (1999)
1027	Trial Transcript (Vol. 1) <i>General Access Solutions, Ltd. v. Verizon Communications, Inc.</i> , No. 2:22-cv-394
1028	Trial Transcript (Vol. 2) <i>General Access Solutions, Ltd. v. Verizon Communications, Inc.</i> , No. 2:22-cv-394
1029	Trial Transcript (Vol. 4) <i>General Access Solutions, Ltd. v. Verizon Communications, Inc.</i> , No. 2:22-cv-394

Ex. No.	Description
1030	Trial Transcript (Vol. 5) <i>General Access Solutions, Ltd. v. Verizon Communications, Inc.</i> , No. 2:22-cv-394
1031	5 FCC Red No. 14, FCC 90-233, 4123-30 (1990)
1032	ETSI TS 125 402 – Universal Mobile Telecommunications System (1999)
1033	Declaration of Brian Rosenthal for Pro Hac Vice Admission
1034	Petitioner’s Demonstratives

Dated: September 13, 2024

Respectfully Submitted,

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CERTIFICATE OF SERVICE

The undersigned certifies that a complete copy of this Updated Exhibit List
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