

Pending federal bills - 118th Congress											
As of 15-Sep-2024											
Row #	Chamber	Bill #	Topic	Title	Brief description	Impact on RF levels nationwide	Scale of impact	Passed committee in chamber of origin?	Passed at least one chamber?	Passed in House committee?	Pending in Senate?
1	HR	3557	Permitting	American Broadband Deployment Act of 2023	Eliminate local zoning authority for wireless and cable networks; eliminate NEPA/NHPA in most cases	Adverse	Type 1	Y		Y	
2	HR	4141	Permitting	Broadband for Americans through Responsible Streamlining (BARS) Act	Eliminate NEPA/NHPA for most antennas (identical provisions from 3557 Title III)	Adverse	Type 1	Y		Y	
3	HR	7376	Permitting	Wireless Broadband Competition and Efficient Deployment Act	Exempts from NEPA and NHPA any expansion or modification of an existing cell site (same language as HR 3557 Sec 304(5)(A)).	Adverse	Type 1	*			
4	HR	1338	Satellites	Satellite and Telecommunications Streamlining Act	Requires FCC to process satellite applications, with similar approach as 3557	Adverse	Type 1	Y		Y	
5	S	4010	Satellites	Satellite and Telecommunications Streamlining Act	Requires FCC to process satellite applications, with similar approach as 3557	Adverse	Type 1				Y
6	HR	3565	Spectrum	Spectrum Auction Reauthorization Act of 2023	Renews FCC spectrum auction authority; filters federal users' input to FCC on spectrum actions via NTIA; allocates \$12 bn of auction funds; prepares for additional C-band spectrum auctions; incorporates HR 1341	Adverse	Type 1	Y		Y	
7	HR	1123	Other	Understanding Cybersecurity of Mobile Networks Act	Requires DOC to report within 1 year on vulnerabilities	Can be amended	Type 1	Y	Y	Y	Y
8	HR	4510	Spectrum	NTIA Reauthorization Act of 2023	Expand activities and authority of NTIA; federal users' input to FCC on spectrum actions filtered via NTIA; incorporates HR 1123, 1340, 1341, 1343, 1345, 1360 and enables dynamic spectrum management	Can be amended	Type 1	Y	Y	Y	y
9	S	2855	Federal	CLOSE THE GAP Act	Promotes deployments of communications facilities on 95% of federal lands; eliminates NEPA+NHPA for expansions of an existing wireless facility (6409a), similar to provisions of HR 3557 Sec 301c	Adverse	Type 1				Y
10	S	3909	Spectrum	Spectrum Pipeline Act of 2024	Requires FCC to make available 2500 mhz of federal spectrum for commercial use, at least 1250 mhz of which is licensed for "high-power, high-density" and at least 125mhz of which is unlicensed, between 1.3-13.2 ghz, in stages over the next 2-8 years.	Adverse	Type 1				Y
11	S	4207	Spectrum	Spectrum and National Security Act of 2024	Renew FCC spectrum authority; authorize auction of 550 mhz at 12.7 Ghz; pursues additional 7 Ghz and 37 Ghz; makes White House "tie breaker" among federal users; promoted dynamic spectrum sharing	Adverse	Type 1				Y
12	HR	6492	Federal	Expanding Public Lands Outdoor Recreation Experiences Act (EXPLORE Act)	Omnibus federal lands bill that incorporates Connect Our Parks Act (HR 5919) and authorizes the installation of broadband internet on any federal recreational land	Can be amended	Type 1	Y	Y	Y	Y
13	HR	5919	Federal	Connect Our Parks Act	Requires the National Park Service to plan within 3 yrs to deploy cellular and broadband (100/20 Mb) in national parks	Can be amended	Type 1	HR 6492			
14	S	2018	Federal	Connect Our Parks Act	Requires the National Park Service to plan within 2 yrs to deploy cellular and broadband (100/20 Mb) in national parks	Can be amended	Type 1	Y			Y
15	S.Amdt	2544	Federal	Expanding Public Lands Outdoor Recreation Experiences (EXPLORE) Act	Insert HR 6492 in S.4638 (Defense Authorization) Sec 5141, Connect Our Parks Act (S.2018), Sec 5142 (Sec 142 of HR 6492), Sec 5143, which requires agencies to evaluate the benefits of retaining communications fees solely for administering such sites	Can be amended	Type 1				Y
16	S.Amdt	3135	Federal	Expanding Public Lands Outdoor Recreation Experiences (EXPLORE) Act	Insert HR 6492 in S.4638 (Defense Authorization) Sec 5141 (HR 6492 Sec 142) directs land managers to deploy broadband on recreational land. Sec 5142 requires agencies to report on benefits of restricting communications use fees to direct costs.	Can be amended	Type 1				

17	HR	8467	Rural	'Farm, Food, and National Security Act of 2024	House version of the farm bill; exempts wide range of wireless facilities from NEPA and NHPA in National Forests (HR 8230); allows broadband grant funding to deploy wireless; incorporates HR 1697 (precision ag) and 4235 (5G to prevent wildfires)	Can be amended	Type 1	Y				
18	HR	8230	Federal	Facilitating Optimal and Rapid Expansion and Siting of Telecommunications (FOREST) Act	Exempts from NEPA and NHPA all communications facilities expansions located in National Forests, including adding wireless to existing wired infrastructure.	Adverse	Type 1	HR 8467				
19	S	4753	Permitting	Energy Permitting Reform Act of 2024	Preempts local zoning authority over certain electrical transmission lines and exempts such plans from NEPA	Can be amended	Type 1	Y				Y
20	S	4821	Federal	Accelerating Broadband Permits Act	Requires federal agencies to "take actions" to accelerate processing communications applications, including wireless (Sec 2); lowers the size threshold from \$200m to \$5m for broadband projects (including wireless projects) to benefit from FAST Act protections that help streamline deployment	Can be amended	Type 1					
21	HR	8709	Spectrum	Saving Americans' Valuable Earnings on the National Affordable Connectivity Program (SAVE on ACP) Act	Fund \$3 billion for rip and replace; \$6 bn for ACP; amend ACP; reauthorize AWS-3 and other spectrum auctions	Can be amended	Type 1					
22	HR	9193	Spectrum	Secure and Affordable Broadband Extension Act	Fund \$3 billion for rip and replace; \$6 bn for ACP; amend ACP; reauthorize AWS-3 and other spectrum auctions	Can be amended	Type 1					
23	HR	9340	Spectrum	Supporting National Security with Spectrum Act	Fund \$3 billion for rip and replace; reauthorize AWS-3 spectrum auctions in perpetuity	Can be amended	Type 1					
24	S	4049	Spectrum	Supporting National Security with Spectrum Act	Fund \$3 billion for rip and replace; reauthorize AWS-3 spectrum auctions in perpetuity	Can be amended	Type 1					
25	S	4317	Spectrum	Secure and Affordable Broadband Extension Act	Fund \$3 billion for rip and replace; \$6 bn for ACP; reauthorize AWS-3 and certain spectrum auctions in perpetuity	Can be amended	Type 1					
26	S.Amdt	2648	Spectrum	n/a	Insert in S.4638 (Defense Authorization) spectrum auction authority for one year	Adverse	Type 1					
27	S.Amdt	2798	Spectrum	Supporting National Security with Spectrum Act	Insert S. 4039 into S.4638: Fund \$3 billion for rip and replace; reauthorize AWS-3 spectrum auctions in perpetuity	Can be amended	Type 1					
28	S.Amdt	2800	Spectrum	Secure and Affordable Broadband Extension Act	Inserts S.4317 (renew auction authority) into S.4638 (must-pass FY2025 Defense Authorization bill)	Can be amended	Type 1					
29	HR	682	Satellites	Launch Communications Act	Make spectrum available for commercial satellite launches	Adverse	Type 2	Y	Y	Y	Y	
30	HR	904	Spectrum	IoT Readiness Act of 2023	Directs FCC to estimate amount of spectrum needed for IoT	Adverse	Type 2					
31	HR	1339	Satellites	Precision Agriculture Satellite Connectivity Act	Requires FCC to determine how it can use rulemaking to promote satellite use for precision agriculture	Adverse	Type 2	Y	Y	Y	Y	
32	HR	3306	Federal	Federal Broadband Permit Coordination Act of 2023	Requires Secretaries of Ag and Interior to sign MOUs among Ag, Fish & Wildlife, and Indian Affairs and create workgroups to streamline permitting of wireline and wireless projects on federal land	Adverse	Type 2					
33	HR	3307	Federal	Rural Broadband Permitting Efficiency Act of 2023	Allows secretaries of Ag and Interior to delegate NEPA reviews to Indian tribes, for National Forests and land managed by Interior	Adverse	Type 2					
34	HR	4006	Permitting	Amateur Radio Emergency Preparedness Act	Pre-empts local zoning authority for amateur radio towers (similar to 3557)	Adverse	Type 2					
35	HR	4351	Rural	Broadband Internet for Small Ports Act	Amend 7 USC 950bb to promote precision agriculture and allow grants to be made prior to environmental and historic reviews	Adverse	Type 2					
36	HR	8556	Other	Clarifying E-Rate Act of 2024	Codify into law e-rate funding for wifi on school buses	Adverse	Type 2					
37	S	1648	Satellites	Launch Communications Act	Make spectrum available for commercial satellite launches	Adverse	Type 2	Y	Y			Y
38	S	3690	Permitting	Amateur Radio Emergency Preparedness Act	Pre-empts local zoning authority for amateur radio towers (similar to 3557)	Adverse	Type 2					

39	HR	1353	Spectrum	Advanced, Local Emergency Response Telecommunications Parity Act	Requires FCC to make spectrum available on emergency basis to any "underserved area"	Can be amended	Type 2	Y		Y	Y
40	HR	3280	Permitting	TRUSTED Broadband Networks Act	Exempts Rip and Replace from NEPA and NHPA	Can be amended	Type 2				
41	HR	4235	Federal	Wildfire Technology Demonstration, Evaluation, Modernization, and Optimization Act	Requires Agriculture and Interior to invite companies and NGOs to test wildfire prevention and mitigation programs, including with 5G	Can be amended	Type 2	HR 8467, HR 8790			
42	HR	5242	Federal	Connecting Our Neighbors to Networks and Ensuring Competitive Telecommunications (CONNECT) Act of 2023	Amend Rural Electrification Act by providing grants to cover application costs for federal broadband grants; shorten shot clock for communications facilities applications to USDA from 270 to 180 days; blanket approvals for installing fiber on federal land in existing easements and using this fiber to attach wireless facilities	Can be amended	Type 2				
43	HR	6142	Rural	LAST ACRE Act	Establishes a USDA grant/loan program to provide broadband to farms for the purpose of precision agriculture, including wireless infrastructure and networks for IoT on farms	Can be amended	Type 2				
44	HR	6915	Federal	Public Lands Telecommunications Act	Prohibits federal land managers from recovering all costs associated with communications facilities on federal land, and restricts discretion on how fees are used	Can be amended	Type 2				
45	HR	8790	Federal	Fix Our Forests Act	Omnibus forest bill; Section 303 is HR 4235, which requires Agriculture and Interior to invite companies and NGOs to test wildfire prevention and mitigation programs, including with 5G	Can be amended	Type 2	Y		Y	
46	HR	9263	Rural	Supporting Innovation in Agriculture Act of 2024	Tax credit of 30% of the cost of purchasing precision agriculture technology and equipment, including wireless equipment, for indoor and outdoor farming	Can be amended	Type 2				
47	S	873	Federal	America's Outdoor Recreation Act of 2023	Requires land managers to "foster the installation" of broadband, which includes wireless, recreational areas of federal lands. Incorporated into HR 6492	Can be amended	Type 2	Y			Y
48	S	2542	Rural	LAST ACRE Act	Establishes a USDA grant/loan program to provide broadband to farms for the purpose of precision agriculture, including wireless infrastructure and networks for IoT on farms	Can be amended	Type 2				Y
49	S	2663	Federal	CONNECT Act of 2023	Amend Rural Electrification Act by providing grants to cover application costs for federal broadband grants; shorten USDA shot clocks for communications facilities; blanket approvals for installing fiber on federal land in existing easements and using this fiber to attach wireless facilities	Can be amended	Type 2				
50	HR	1241	Other	Broadband Incentives for Communities Act	NTIA grant program for local review of telecom applications	Adverse	Type 3				
51	HR	1343	Spectrum	Institute for Telecommunication Sciences (ITS) Codification Act	Codifies the NTIA's Institute for Telecommunications Sciences into statute to promote transferring federal spectrum to commercial users; allows industry payments to government staff. Senate version of HR 1343 (HR 4510 Sec 204)	Adverse	Type 3	Y	Y	Y	Y
52	HR	1513	Other	FUTURE Networks Act	Establish 6G taskforce at FCC	Adverse	Type 3	Y		Y	
53	HR	1697	Rural	Promoting Precision Agriculture Act of 2023	Requires USDA, in consultation with NIST+FCC, to create precision ag standards	Adverse	Type 3	Y		Y	
54	HR	2380	Other	Cellphone Jamming Reform Act of 2023	Allows prisons to jam cell signals	Adverse	Type 3				
55	HR	3283	Federal	Facilitating DIGITAL Applications Act	Require DoC report on barriers to online forms for deployment on federal property	Adverse	Type 3	Y		Y	
56	HR	3293	Federal	Expediting Federal Broadband Deployment Reviews Act	Establish strikeforce to expedite communications facilities on federal land and in national forests	Adverse	Type 3	Y		Y	
57	HR	3294	Federal	Enhancing Administrative Reviews for Broadband Deployment Act	Requires Secretaries of Ag and Interior to report within 1 year on barriers to communications facilities approvals on federal land, along with proposed rulemaking and staffing needs	Adverse	Type 3				

58	HR	3299	Federal	DIGITAL Applications Act	Establish electronic applications portal for communications facilities on federal lands and in national forests	Adverse	Type 3	Y			Y	
59	HR	3309	Federal	Standard FEES Act	Standardize fees for wireless applications on government lands and buildings and prohibit federal agencies from recovering all costs of wireless facilities	Adverse	Type 3	Y			Y	
60	HR	3343	Federal	Federal Broadband Deployment Tracking Act	Requires DoC plan to track processing of 6409b forms to deploy communications facilities on federal land and national forests	Adverse	Type 3	Y			Y	
61	HR	6554	Broadband	BOOST Act	Provides \$400 tax credit to taxpayers in underserved areas to purchase an OTARD or similar device	Adverse	Type 3					
62	S	734	Rural	Promoting Precision Agriculture Act of 2023	Requires USDA, in consultation with NIST+FCC, to create precision ag standards	Adverse	Type 3					Y
63	S	1047	Other	Cellphone Jamming Reform Act of 2023	Allows prisons to jam cell signals	Adverse	Type 3					Y
64	S	3781	Spectrum	ITS Codification Act	Codifies the NTIA's Institute for Telecommunications Sciences into statute to promote transferring federal spectrum to commercial users; allows industry payments to government staff. Senate version of HR 1343 (HR 4510 Sec 204)	Adverse	Type 3					
65	HR	43	Rural	Rural Broadband Window of Opportunity Act	Directs FCC to prioritize rural digital opportunity funds to applications for locations with short construction season (Eg long winter)	Can be amended	Type 3					
66	HR	889	Broadband	Broadband Grant Tax Treatment Act	Makes federal broadband grants non-taxable	Can be amended	Type 3					
67	HR	922	Rural	RURAL Broadband Act of 2023	Amends Rural Electrification 7 USC 950bb; prohibits certain broadband grants from being used where another project is already underway or a speed of 25/3 or greater is available	Can be amended	Type 3					
68	HR	1412	Other	Digital Equity Foundation Act of 2023	Establish Digital Equity foundation to promote digital inclusion, including wireless	Can be amended	Type 3					
69	HR	1752	Rural	E-BRIDGE Act	Amend the Public Works and Economic Development Act of 1965 an allow Secretary of Commerce to make grants for broadband projects; definition of broadband determined by Secretary of Commerce	Can be amended	Type 3	Y	Y	Y	Y	
70	HR	3216	Rural	Rural Internet Improvement Act of 2023	Amend ReConnect program to define broadband as 100/20 and underserved as < 25/3 (Rural Electrification Act of 1936)	Can be amended	Type 3					
71	HR	3366	Other	none available	Eliminate 15-yr sunset and make permanent authority for first responder broadband wireless	Can be amended	Type 3					
72	HR	3964	Rural	Rural Broadband Modernization Act	Amends Rural Electrification 7 USC 950bb; defines broadband as 100/20 Mb. Prioritizes grants for rural areas < 25/3.	Can be amended	Type 3					
73	HR	4052	Other	National Infrastructure Bank Act of 2023	Create infrastructure investment bank (ie, a domestic US DFC); can invest in wireless.	Can be amended	Type 3					
74	HR	5049	Other	Rebuild America's Schools Act of 2023	Provides funds for building and improvements to schools, including wireless deployments in schools	Can be amended	Type 3					
75	HR	5062	Rural	none available	Creates USDA program under Agricultural Marketing Service (AMS) for grants to purchase mechanized and automated farming equipment	Can be amended	Type 3					
76	HR	6473	Rural	Community Connect Grant Program Act of 2023	Amend the Rural Electrification Act Sec 604 speed to 100/20; extend sunset from 2023 to 2028	Can be amended	Type 3					
77	HR	7005	Rural	Rural Broadband Protection Act of 2024	Requires FCC to establish vetting criteria for universal service broadband grant recipients that are technology neutral	Can be amended	Type 3					
78	HR	7363	Rural	HOUSES Act of 2024	Pushes the Secretary of Interior to approve the sale of federal land for building housing, and mandates wireless infrastructure be built on this land, regardless of prior wireless zoning	Can be amended	Type 3					
79	HR	7452	Rural	Local Telecom Expansion Act of 2024	Directs FCC to create a grant program for small businesses in underserved areas to receive broadband grants, including wireless	Can be amended	Type 3					

80	HR	8773	Other	Financial Services and General Government Appropriations Act, 2025	General government appropriations bill; FCC appropriations in Sec 520-525, including 524 (limitation on net neutrality). \$416m budget plus \$139m for spectrum auctions	Can be amended	Type 3				
81	S	130	Rural	Rural Internet Improvement Act of 2023	Amend ReConnect program to define broadband as 100/20 and underserved as < 25/3 (Rural Electrification Act of 1936)	Can be amended	Type 3				Y
82	S	599	Other	Digital Equity Foundation Act of 2023	Establish Digital Equity foundation to promote digital inclusion, including wireless	Can be amended	Type 3				
83	S	1611	Rural	Community Connect Grant Program Act of 2023	Amend the Rural Electrification Act Sec 604 speed to 100/20; extend sunset from 2023 to 2028	Can be amended	Type 3				Y
84	S	1764	Federal	Western Wildfire Support Act of 2023	Directs federal land management agencies to expedite deployment and permitting of technology for wildfire fire detection.	Can be amended	Type 3				
85	S	2155	Rural	Rebuild Rural America Act of 2023	Establish rural development office in USDA; would assess mobile wireless infrastructure	Can be amended	Type 3				Y
86	S	2238	Broadband	PLAN for Broadband Act	Directs Dept of Commerce to develop and implement a National Strategy to Close the Digital Divide (similar to HR 4510 Title III), including wireless deployment	Can be amended	Type 3				Y
87	S	2608	Other	Rebuild America's Schools Act of 2023	Provides funds for building and improvements to schools, including wireless deployments in schools	Can be amended	Type 3				Y
88	S	2677	Broadband	Small Business Broadband and Emerging Information Technology Enhancement Act of 2023	Creates coordinator at SBA to promote broadband and emerging IT among small businesses (including wireless and IoT)	Can be amended	Type 3				Y
89	S	3117	Federal	HOUSES Act of 2023	Pushes the Secretary of Interior to approve the sale of federal land for building housing, and mandates wireless infrastructure be built on this land, regardless of prior wireless zoning	Can be amended	Type 3				Y
<b>Bills with a positive impact</b>											
90	HR	8082	Permitting	Securing Local Communities Input in Broadband Development Act	Nullify the FCC's 2018 Small Cell and Moratoria orders	Increases local zoning authority over wireless facilities					
91	S	1234	Broadband	Broadband Buildout Accountability Act	Make broadband equity grants by DoC subject to FOIA	More likely to encourage wired broadband					Y
92	HR	5173	Broadband	Broadband Buildout Accountability Act	Make broadband equity grants by DoC subject to FOIA	More likely to encourage wired broadband					
93	S	1642	Rural	ReConnecting Rural America Act of 2023	Amends ReConnect Act (7 USC 950bb) with a 100/100Mb speed minimum	More likely to encourage wired broadband					Y
94	HR	4227	Rural	ReConnecting Rural America Act of 2023	Amends ReConnect Act (7 USC 950bb) with a 100/100Mb speed minimum	More likely to encourage wired broadband					
				<b>Legend</b>	<b>Notation above</b>	<b>Meaning</b>					
					Adverse	Bill likely to increase RF or EMF levels and/or antenna proliferation					
					Can be amended	Bill could be amended to lessen contribution to increased RF or EMF levels and/or antenna proliferation					
					Type 1	Extensive impact across the country					
					Type 2	Significant impact on certain regions or users					
					Type 3	Impact likely to be less than other bills					
Source: <a href="https://ehtrust.org/congress">ehtrust.org/congress</a>											
Note: * indicates same language has already passed out of committee in a different bill											