

Wi-Fi 6 Patent brochure

Wilus Portfolio Offer

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Family Code	Exemplary Member	Family Members	Claims	Technical Standard	Illustrative Standard Coverage
WIL1	US9813210		1	802.11ax	p. 27.1.1, 27.3.1, 27.3.4, 27.3.6.5, 27.3.6.6, 27.3.9, 27.3.10, 27.3.21, Fig. 27-8, Fig 27.9, Fig. 27.10, Fig. 27-11, Fig. 27-23, Fig. 27-54, Fig. 27-55, Fig. 27-56, Fig. 27-57, Tab. 27-12
		CN106664283			
		KR10-1632894			
		KR10-2131654			
		KR10-2333023			
		KR10-2499573			
		US10256958			
		US10911196			

		US11552760			
WIL2	US10313077		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 1.5, 3.1, 10.27.4; IEEE 802.11ax-2021: p. 4.3.15a, 27.3.9, 27.3.10, 27.3.11.5, 27.3.13, Fig. 27-23, Tab. 27-12
		CN107735994			
		KR10-2178131			
		KR10-2231306			
		KR10-2231309			
		KR10-2479074			
		US10651992			
		US11128421			
		US11700084			
WIL3	US10554370		1,5	802.11-2020, 802.11ax	
		CN107925514			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 4.3.15a, 9.3.1.22.1, 9.7.3, 10.3.2.13.2, Fig. 9-64d, Fig. 10-14a, Tab. 9-534a, Tab. 9-534b, Tab. 9-534c, Tab. 9-534d
		KR10-2183477			
		KR10-2249866			
		KR10-2411783			

		US11018836			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 3.1, 4.3.15a, 9.2.1, 9.2.3, 9.2.4.3.1, 9.2.4.3.2, 9.2.4.3.4, 9.2.4.3.7, 9.2.4.3.8, 10.3.2.1, 10.3.2.4, 26.2.2, 26.2.4, 26.10.1, 26.10.2.1, 26.17.3.1, 26.17.3.2, 27.2.1, 27.2.2, Fig. 9-2, Tab. 27-1.
		US11637679			
WIL4	US10785795		1	802.11-2020, 802.11ax	
		CN108141889			
		DE (EP) 3367743			
		DE (EP) 3866550			
		ES (EP) 3367743			
		ES (EP) 3866550			
		FR (EP) 3367743			
		FR (EP) 3866550			
		GB (EP) 3367743			
		GB (EP) 3866550			
		IT (EP) 3367743			
		JP6568315			
		JP6813635			

		JP7136876			p. 9.3.1.22.1, 26.5.2.3.3, 26.10.3.1, 26.10.3.2, 26.10.3.4, 26.10.4, 27.3.20.6.3
		KR10-2173322			
		KR10-2305933			
		KR10-2306040			
		KR10-2505004			
		NL (EP) 3367743			
		US11375537			
		US11375538			
WIL5	US10764924		1	802.11ax	
		CN108353425			
		KR10-2371753			
		KR10-2464053			
		KR10-2464059			
		US11330628			
		US11330629			

WIL6	US10616819		1	802.11ax	p. 11.10.14, 26.2.2, 26.14.1
		CN108370585			
		IN427084			
		KR10-2163572			
		KR10-2268908			
		KR10-2268912			
		KR10-2453795			
		US11122495			
		US11122496			
		US11696214			
WIL7	US11129163		1	802.11ax	p. 9.4.2.249, 26.2.2, 26.17.3.1, 26.17.3.3; Fig. 9-788j
		CN109156033			
		IN424077			
		KR10-2342150			
		KR10-2425184			

		KR10-2445925			IEEE 802.11-2020: p. 3.1, 10.19, 21.3.8.1, 21.3.8.3.1, 21.3.8.3.3, Fig. 21-18, Tab. 10-13, Tab. 21-12; IEEE 802.11ax-2021: p. 4.3.15a, 26.2.2
		US11700597			
WIL8	US10631335		1	802.11-2020, 802.11ax	
		CN109156038			
		DE (EP) 3439417			
		DE (EP) 3852480			
		ES (EP) 3439417			
		ES (EP) 3852480			
		FR (EP) 3439417			
		FR (EP) 3852480			
		GB (EP) 3439417			
		GB (EP) 3852480			
		IN392250			
		IT (EP) 3439417			
		JP6672525			

		JP6987909			p. 4.3.15a, 26.5.2.1, 26.5.2.3.1, 26.10.1, 26.10.3.1, 26.10.3.2, 27.3.11.7.2; Table 27-21
		JP7005665			
		KR10-2128284			
		KR10-2239511			
		KR10-2239514			
		KR10-2409918			
		NL (EP) 3439417			
		US11272537			
		US11324039			
WIL9	US11153759		1	802.11ax	
		CN109076614			
		KR10-2128286			
		KR10-2164966			
		KR10-2239519			
		KR10-2435189			

		US10623964			p. 9.2.4.6a.1, 10.3.2.13.2, 26.5.2.1, 26.5.2.3.4; Fig. 10-14a
		US11140556			
WIL10	US11196513		1	802.11ax	
		CN108886712			
		IN420839			
		KR10-2134147			
		KR10-2346684			
		KR10-2353831			
		KR10-2489970			
		US10659196			
		US11258543			
WIL11	CN109075907		1	802.11ax	
		KR10-2450270			
		KR10-2549018			
		KR10-2549027			

		US11540169			
WIL12	US10880924		1	802.11ax	p. 9.3.1.22.1, 26.5.2.5, 26.5.4.1, 26.5.4.3; Fig. 9-64b, 26-6
		KR10-2264550			
		KR10-2374928			
		KR10-2424950			
		US11445546			
		US11470643			
WIL13	CN109314882		1	802.11ax	
		KR10-2371756			
		KR10-2411787			
		KR10-2415048			
WIL14	US10873973		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 3.2, 4.3.15a, 26.2.2, 26.2.4, 26.10.2.1, 27.3.20.6.3
		KR10-2344180			
		KR10-2390641			
		KR10-2442356			

		US11483865			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 3.2, 4.3.15a, 9.7.3, 9.3.1.22.1, 9.3.1.22.2, 26.5.2.2.4, 26.5.2.4, 27.1.4, Fig. 9-64a, Fig. 9-64g, Tab. 26-2
		US11503636			
WIL15	US10491355		1	802.11-2020, 802.11ax	
		CN109417817			
		DE (EP) 3484229			
		ES (EP) 3484229			
		FR (EP) 3484229			
		GB (EP) 3484229			
		IT (EP) 3484229			
		JP6740447			
		JP7091395			
		JP7091396			
		KR10-2072326			
		KR10-2157470			
		KR10-2190240			

		NL (EP) 3484229			p. 9.4.2.251, 26.2.7
		TR (EP) 3484229			
		US11095416			
		US11405161			
WIL16	US11116035		1	802.11ax	
		DE (EP) 3512289			
		ES (EP) 3512289			
		FR (EP) 3512289			
		GB (EP) 3512289			
		IT (EP) 3512289			
		JP7076452			
		KR10-2407199			
		KR10-2442012			
		KR10-2442014			
		NL (EP) 3512289			

		TR (EP) 3512289			
		US11516879			
		US11523464			
WIL17	US10966251		1	802.11ax	p. 9.2..4.6a.2, 10.2.3.2, 26.2.7; Table 9-24b
		KR10-2324941			
		KR10-2371750			
		KR10-2445912			
		US11528747			
WIL18	KR10-2407195		1,2,3	802.11ax	p. 9.2.1.22.1, 26.2.4
		KR10-2508402			
		KR10-2556172			
WIL19	US10931396		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 3.1, 9.2.4.5.1, 9.7.1, Fig. 9-971, Fig. 9-973, Fig. 9-974, Tab. 9-10; IEEE 802.11ax-2021: p. 4.3.15a, 9.2.4.5.2, 9.7.1, 9.7.3, 26.4.4.1, 26.4.4.2, 26.4.4.3, 26.4.4.4, Tab. 9-527.
		JP6874139			
		JP7242746			
		KR10-2262155			

		KR10-2353826			p. 3.2, 26.5.4.1, 26.5.4.2, 26.5.4.3, 27.3.2.2
		KR10-2432953			
		US11664926			
WIL20	US10536979		1	802.11ax	
		CN110115093			
		DE (EP) 3565365			
		ES (EP) 3565365			
		FR (EP) 3565365			
		GB (EP) 3565365			
		IT (EP) 3565365			
		JP6746805			
		JP7055177			
		JP7102471			
		KR10-2173329			
		KR10-2229580			

		KR10-2229583			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 4.3.15a, 27.3.1.1, 27.3.2.5, 27.3.4, 27.3.11.1, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.4, Fig. 27-9, Fig. 27-26, Tab. 27-20.
		KR10-2390645			
		KR10-2558123			
		NL (EP) 3565365			
		TR (EP) 3565365			
		US10904927			
		US11368987			
WIL21	US10567047		1	802.11-2020, 802.11ax	
		CN110140374			
		JP7009484			
		KR10-2082093			
		KR10-2259020			
		KR10-2259024			
		KR10-2402694			
		US11159210			

		US11171695			
WIL22	US11284475		1	802.11ax	p. 26.5.2.3.1, 26.5.2.3.3; Table 27-1
		KR10-2272813			
		KR10-2342153			
		KR10-2342161			
		KR10-2426755			
WIL23	US9872315		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 8.3.5.10.1, 8.3.5.10.2, 8.3.5.10.3, 8.3.5.10.4; IEEE 802.11ax-2021: p. 10.3.2.13.1, 26.10.2.2, 26.10.2.4, 27.3.20.6.3, 27.3.22; Fig. 26-11, 27-61; Tab. 26-11
		CN106465424			
		CN111106886			
		KR10-1617410			
		KR10-2082027			
		KR10-2082094			
		US10560965			
		US9655145			
WIL24	KR10-2249762		1	802.11ax	p. 27.2.22, 27.3.20.6.3, 26.10.2.1, 26.10.2.2, 26.10.2.4, 26.10.2.6; Table 26-10;

		KR10-2417162			p. 9.3.1.22.1, 10.2.4a, 10.3.2.13.3, 26.5.2.1, 26.5.2.3.3, 27.3.11.5, 27.3.12.5.5, 27.3.13; Fig. 9-64a, 9-64b, 10-14b
		KR10-2529434			
WIL25	US10506553		1	802.11ax	
		CN106416412			
		KR10-2102506			
		KR10-2215127			
		KR10-2216662			
		KR10-2433618			
		US11382067			
WIL26	US10813139		1	802.11ax	
		CN106465418			p. 4.3.15a, 9.3.1.22.1, 26.5.2.1, 26.5.2.2.1, 26.5.2.3.1, 26.5.4.2; Tab. 9-29h
		CN111555845			
		CN111555846			
		IN354061			
		KR10-2054043			

		KR10-2157120			
		KR10-2218971			
		KR10-2297140			
		KR10-2550558			
		US10278210			
		US11272549			
WIL27	US10849060		1	802.11ax	p. 4.3.15a, 9.3.1.22.1, 26.5.2.1, 26.5.2.2.1, 26.5.4.1, 26.5.4.3; Fig. 26-6; Tab. 9-29h
		KR10-2096431			
		KR10-2218970			
		KR10-2230309			
		KR10-2536582			
		US10313966			
		US11523335			
WIL28	US10893511		1	802.11ax	p. 9.2.5.2, 9.3.1.22.1, 10.3.1, 26.2.6.1, 26.2.6.3. 26.5.2.5; Fig. 9-64a, 9-64d; Table 9-29h
		KR10-2117635			

		KR10-2249765			
		KR10-2309050			
		KR10-2445918			
		US10085243			
		US10708890			
		US11350390			
WIL29	US10750540		6	802.11ax	
		KR10-2054052			
		KR10-2283162			
		KR10-2346678			
		US10327262			
WIL30	US10575332		1	802.11ax	
		CN106797662			
		JP6368035			
		JP6535403			

		JP7007329			
		KR10-2054053			
		KR10-2054117			
		KR10-2082095			
		US9763268			
		US9918343			
WIL31	US10917189		1	802.11ax	
		CN107079481			
		KR10-2437919			
		US11515957			
		US11515958			
WIL32	US10772109		1	802.11-2020, 802.11ax	802.11ax: p. 26.5.1.1, 26.14.1 ; 802.11-2020: p. 9.7.1, 10.12.6; Fig. 9-971;
		KR10-2344188			
		KR10-2464370			
		KR10-2464381			

		US11284411			802.11ax :p. 9.3.1.8.1, 9.3.1.8.2, 9.3.1.8.7, 9.7.1, 10.3.2.13.3; Fig. 9-42, 9-47c, 10-14b; Table 9-28, 9-28a, 9-28c; 802.11-2020: p. 9.3.1.8.1; Fig. 9-41
		US11477799			
WIL33	US10820233		1	802.11-2020, 802.11ax	
		KR10-2268844			
		KR10-2311278			
		KR10-2349914			
		US11470506			
		US11653261			
WIL35	US10484222		1	802.11ax	p. 3.2, 27.3.4, 27.3.1.2, 27.3.11.8.1, 27.3.11.8.3, 27.3.11.8.4; Fig. 27-9
		KR10-2130456			
		KR10-2367779			
		KR10-2433612			
		KR10-2529471			
		US11012276			
WIL36	US11051340		6	802.11ax	p. 9.3.1.22.1, 9.3.1.22.5, 26.2.6.1, 26.2.6.3; Fig. 9-64a, 9-64d; Table 9-29c

		KR10-2163485			
		KR10-2283170			
		KR10-2283173			
		KR10-2473492			
		US10588149			
		US11516849			
WIL37	US10667292		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 3.2, 4.3.15a, 27.3.1.1, 27.3.2.2, 27.3.4, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, Fig. 27-9, Fig. 27-26, Fig. 27-27, Tab. 27-6, Tab. 27-24, Tab. 27-26.
WIL38	US11102778		1	802.11ax	p. 9.3.1.22.1, 10.2.4a, 10.3.2.3.3, 26.5.2.5
		KR10-2104274			
		KR10-2178127			
		KR10-2188792			
		US10321457			
		US11647489			
WIL39	US10701732		1	802.11-2020, 802.11ax	

		CN107006038			IEEE 802.11-2020: p. 3.1, 8.3.5.10.1, 8.3.5.10.4, 10.3.4.3, Fig. 10-17; IEEE 802.11ax-2021: p. 3.2, 4.3.15a, 26.2.2, 26.10.2.1, 26.10.2.2, 26.10.2.4, 26.10.2.6, 27.3.20.6.3, Tab. 26-11.
		IN400531			
		KR10-2309047			
		KR10-2427862			
		KR10-2442355			
		US11317441			
		US11375544			
WIL40	US11006434		1	802.11-2020, 802.11ax	IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 4.3.15a, 9.2.4.6a.4, 26.5.5, Fig. 9-22e, Tab. 9-24d
		KR10-2129283			
		KR10-2167924			
		KR10-2278750			
		KR10-2423848			
		US10582520			
		US11363613			
WIL42	US10477589		1	802.11ax	p. 9.3.1.22.1, 10.3.2.13.3, 26.5.4.1, 26.5.4.2, 26.5.4.3; Fig. 9-64a, 9-64b, 10-14c, 26-6;

		US11140718			
WIL43	US11153058		1	802.11ax	p. 27.3.2.5, 27.3.4, 27.3.11.7, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.1, 27.3.11.8.3, 27.3.11.8.4, 27.3.21; Fig. 27-9, 27-26, 27-56; Tables 27-11, 27-20, 27-24, 27-27
		CN107251472			
		KR10-2054054			
		KR10-2296339			
		KR10-2468398			
		US10411870			
WIL44	US10911186		1	802.11ax	p. 4.3.15a, 9.3.1.22.1, 26.5.2.1, 26.5.2.3.1; Fig. 9-64a; Table 9-29h
		US10305638			
WIL45	US10666405		1	802.11ax	p. 4.3.15a, 9.3.1.22.1, 27.3.1.1, 27.3.1.2, 27.3.4, 27.3.9, 27.3.10, 27.3.11.1, 27.3.11.9; Fig. 27-11, 27-23; Table 27-16
		CN107534973			
		IN383714			
		KR10-2231307			
		KR10-2367773			
		KR10-2433616			

		US11283570			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 4.3.15a, 9.2.4.5.1, 9.4.2.5.6, 26.5.2.2.1, 26.5.5, Tab. 9-13a
		US11290233			
WIL46	US10412621		1	802.11-2020, 802.11ax	
		CN107624236			
		KR10-2231308			
		KR10-2363476			
		KR10-2433614			
		US10986532			
		US11528638			
WIL47	US10660136		1	802.11-2020, 802.11ax	
		CN107637005			IEEE 802.11-2020: p. 3.1; IEEE 802.11ax-2021: p. 4.3.15a, 9.3.1.8.7, 9.3.1.22.1, 26.4.1, 26.5.4.2, 26.5.4.3, 26.11.1, Fig. 9-47b, Fig. 26-6, Tab. 9-29h
		KR10-2072283			
		KR10-2188794			
		KR10-2203133			
		US10512108			

		US11153916			
WIL48	US10721175		1	802.11-2020, 802.11ax	802.11-2020: p. 10.23.2.2, 11.15.9, 10.3.3; 802.11ax: p. 9.3.1.22.1, 10.3.2.13.3, 26.5.2.2.5; Fig. 9-64a, 10-14c
		KR10-2297623			
		KR10-2356060			
		KR10-2390646			
		US11201830			
		US11240166			
WIL49	US10932295		1,7	802.11-2020, 802.11ax	802.11ax: p. 9.3.1.8.7, 9.3.1.19, 9.3.1.22.1, 26.4.2; Fig. 9-47b, 9-47c, 9-47d; Table 9-29h; 802.11-2020:p. 9.4.1.8
		US11388758			
		US11395349			
		US11653392			
WIL50	US10841931		1	802.11-2020, 802.11ax	802.11ax: p. 9.3.1.22.1, 10.2.13.3, 10.25.8.4; Fig. 9-64a, 9-64d 10-14c; 802.11-2020: 10.25.8.4
		US11653348			
WIL51	KR10-2350994		1	802.11ax	p. 9.3.1.22.1, 9.7.3, 10.3.2.13.3, 10.23.2.8, 26.5.2.2.1, 26.5.2.2.5, 26.5.2.3.1; Fig. 9-64a, 10-14c; Table 9-534b
		KR10-2517089			

		US11477844			
WIL52	KR10-2272713		1	802.11-2020, 802.11ax	802.11ax: p. 27.3.11.1, 27.3.11.4, 27.3.11.5; 802.11-2020: p. 17.3.4, 17.3.5.9; Fig. 17-5;
		KR10-2309054			
		KR10-2309057			
WIL53	US10588128		1	802.11-2020, 802.11ax	802.11ax: p. 9.2.5.2, 10.3.2.4, 26.2.4, 26.2.6.1, 26.2.6.3; 802.11-2020: p. 10.6.11; Table 10-10
		US11259298			
		US11523390			
WIL54	US10687281		1	802.11ax	p. 10.3.2.13.1, 27.3.4, 27.3.11.7.2, 27.3.11.8.3, 27.3.22; Fig. 27-9, 27-61; Table 27-20, 27-26
		CN108702375			
		DE (EP) 3396925			
		ES (EP) 3396925			
		FR (EP) 3396925			
		GB (EP) 3396925			
		IT (EP) 3396925			
		JP6609067			

		JP6898412				
		KR10-2138618				
		KR10-2266148				
		KR10-2266149				
		NL (EP) 3396925				
		US11356947				
		US11470595				
		DE (EP) 3849157				
		ES (EP) 3849157				
		FR (EP) 3849157				
		GB (EP) 3849157				
		IT (EP) 3849157				
		NL (EP) 3849157				
WIL55	US10750403		1	802.11ax		p. 9.3.1.22.1, 9.4.2.251, 26.2.7; Fig. 9-788p
		KR10-2349919				

		KR10-2417274			p. 9.4.2.139, 26.3.1; Fig. 9-580; Table 9-265a
		KR10-2426759			
		US11304094			
		US11700546			
WIL56	JP6759354		1	802.11ax	
		CN108886710			
		DE (EP) 3442258			
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		FR (EP) 3442258			
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		IT (EP) 3442258			
		JP6991290			
		JP6992138			
		KR10-2349928			

		KR10-2417275			802.11ax: p. 4.3.15.a, 9.3.1.22.1, 10.23.2.9, 26.7.1, 26.7.2, 26.7.3; Fig.26-8 Table 9-22c; 802.11-2020: p. 3
		KR10-2425185			
		NL (EP) 3442258			
		US11240705			
		US11683718			
		US11683719			
WIL57	US10660139		1	802.11-2020, 802.11ax	
		DE (EP) 3567970			
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		JP6911127			
		JP7176050			
		JP7177225			

		KR10-2173425		
		KR10-2239504		
		KR10-2239509		
		KR10-2407203		
		NL (EP) 3567970		
		US11330640		
		US11343859		