

## Wi-Fi 6 Patent brochure

### Sisvel Pool Offer – updated as of April 26, 2024

The information below is provided without prejudice and for convenience of the parties interested in a license under the patents listed herein, and it is not intended to be exhaustive or restrictive. The versions of the technical specifications indicated below are exemplary, and previous or subsequent versions of such specifications may also be relevant. Please note that the listed patent families may be essential to separate specifications and/or sections in addition to those disclosed below.

Family Code	Patent Owner	Exemplary Member	Family Members	Claims	Technical Standard	Illustrative Standard Coverage
HUA01	Huawei	EP2 777 236		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.1.1, 27.3.4, 27.3.10, 27.3.11.4, 27.3.11.7, 27.3.21; Figures 27-8, 27-54; Tables 27-11, 27-18
			CN103931153			
			CN107612603			
			EP3 264 705			
			EP3 468 127			
			US10285091			
			US10945157			
			US9071489			

			US9713031			
HUA02	Huawei	EP3 143 741		1	802.11ax	IEEE Std 802.11ax-2021: Secs. 4.3.15a, 26.5.1.1, 27.3.1.2, 27.3.2.2, 27.3.10, 27.3.12.13; Figures 27-4, 27-5; Tables 27-6, 27-7, 27-8, 27-9, 27-37
			CN105830518			
			CN105850088			
			CN106465380			
			CN111245588			
			EP3 146 782			
			JP6469733			
			US10298365			
			VN29229			
HUA03	Huawei	EP3 079 322		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.2.4.5.4, 9.3.1.22.1, 10.3.2.13.2, 10.12.1, 27.3.1.1, 27.3.4, 27.3.10, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.21; Figures 9-64a, 9-64d, 10-14a, 27-9, 27-26, 27-23, 27-56; Tables 9-13, 27-24, 27-28, 27-29.
			CN105940650			
			CN110351062			
			EP3 691 169			
			JP6479827			

			JP6907251			
			KR10-1886290			
			KR10-1940794			
			KR10-1960002			
			US10778389			
			US11431449			
			VN26632			
HUA04	Huawei	EP3 017 641		1	802.11ax, 802.11-2020	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 27.3.4, 27.3.6.1, 27.3.6.4, 27.3.6.7, 27.3.9, 27.3.10, 27.3.11.7.1, 27.3.11.7.2, 27.5.1, 27.5.2; Figures 27-9, 27-23; Tables 27-12, 27-20, 27-55; IEEE Std 802.11-2020: Section 3.1
			CN105264991			
			IN400562			
			KR10-1810950			
			US10313169			
			US9729368			
HUA05	Huawei	EP3 017 615		1	802.11ax	IEEE Std 802.11ax-2021: Secs. 3.1, 27.3.1.1, 27.3.1.2, 27.3.2.1, 27.3.2.2, 27.3.2.5, 27.3.4, 27.3.6.11.1, 27.3.11.1, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4; Figures 27-4, 27-5, 27-9, 27-26, 27-27; Tables 27-7, 27-24, 27-26.
			CN105960807			

			CN108768600			
			CN111277532			
			IN400918			
			KR10-1810949			
			US10567126			
			US11012202			
			US9755795			
HUA06	Huawei	EP3 454 622		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.4.2.249, 9.6.12.4, 26.11.4, 26.17.3.2; Figure 9-788h; Table 9-416
			CN107484256			
			IDP000079576			
			JP6753588			
HUA07	Huawei	US10945295		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 3.4, 9.3.1.22.1, 9.4.2.250, 10.2.4a, 26.5.4.1; Figures 9-64a, 9-64b, 9-64d, 9-788m, 9-788n,; Tables 9-29h;
			EP3 530 058			
HUA08	Huawei	EP3 373 682		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.2.4, 26.2.5, 26.5.2.3.1, 26.5.2.5, 27.3.22; Figures 9-64d

			CN106856629				
HUA09	Huawei	EP3 395 096		1,2	802.11ax, 802.11-2020	IEEE Std. 802.11ax-2021: Secs 10.23.2.9, 10.23.2.10, 27.3.4, 27.3.11.7, 27.3.11.7.2, 27.3.21; Figures 27-54, 27-55, 27-56, 27-57; Tables 27-18, 27-20, 27-21; IEEE Std. 802.11-2020: Secs 10.23.2.9, 10.23.2.10; Figure 10-28	
				AU2017206398			
				CA3011523			
				CN108702654			
				RU2695532			
				US10750536			
				VN10030703			
HUA10	Huawei	CN107710820		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.2, 9.2.4.6a.6; Figure 9-22g	
HUA11	Huawei	CN106487490		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1; Figures 9-64a, 9-64b; Table 9-29c	
HUA12	Huawei	US10588133		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.1.1, 1.2, 3.1, 4.2.2, 9.2.3, 9.2.4.2, 9.2.4.5.1, 10.2.3.2; Figure 9-2; Table 9-10, 10-1; IEEE Std. 802.11ax-2021: Secs: 26.3.1, 26.6.3.1	
				CN106888505			
				JP6637180			

			KR10-2152107			
HUA13	Huawei	CN113014366		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.2, 9.2.4, 9.2.4.6, 9.2.4.6.3a, 10.8; Figures 9-19a, 9-19b; Tables 9-22a, 10-11a
			CN108234093			
HUA14	Huawei	CN108012278		1	802.11ax, 802.11-2020	IEEE Std. 802.11ax-2021: Secs. 9.4.2.249, 9.4.2.254, 26.11.4, 26.17.3.1, 26.17.3.4, 26.17.3.5.1, Annex T; Figures 9-788h, 9-788j; IEEE Std. 802.11-2020: 10.3.2.11, Figure 10-12
HUA15	Huawei	CN103001674		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.19, 9.4.1.65, 26.7.1, 26.7.3, ; Figures 9-61a, 9-61b, 26-8; Tables 9-29a, 9-91b, 9-91c, 9-91d
HUA16	Huawei	US11063807		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.7.1, 26.5.7.2, 26.5.7.3, 26.5.7.4, 27.3.1.1, 27.3.11.10, 27.3.18; Figures 9-64a, 9-64b, 27-46; Tables 9-29c, 26-3, 27-32;
			CN104253673			
			CN109245806			
			CN109245807			
			CN109245808			
			US11038737			

			US11212156			
HUA17	Huawei	CN107615852		1	802.11ax	IEEE Std. 802.11ax-2021: Secs 27.3.1.2, 27.3.2.2, 27.3.4, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.21; Figures 27-5, 27-6, 27-7, 27-9, 27-26, 27-56; Table 27-24, 27-26
HUA18	Huawei	CN109495851		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.3.1.22.9, 26.5.7.1, 26.5.7.2, 26.5.7.3, 26.5.7.4, 27.3.1.1, 27.3.1.2, 27.3.11.10; Figures 9-64a, 9-64b, 9-64l; Table 26-3, 27-32
HUA19	Huawei	US10833828		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs 1.1, 1.2, 4.2.2, 11.1.2.1; IEEE Std. 802.11ax-2021: Secs. 9.3.3.2, 9.4.2.248.1, 9.4.2.248.3, 26.17.1 26.17.2.2, 26.17.6, 27.2.2, 27.3.4, 27.3.6.10.1, 27.3.11.1, 27.3.21; Figures 9-788a, 9-788c, 27-8, 27-10, 27-54, 27-55; Tables 9-32, 9-322b, 27-1
			CN107078764			
			CN112153026			
			EP3190716			
			EP3512109			
			EP3591855			
			JP6724178			
			JP6946521			
			KR10-2024110			

			US10873436				
			VN27380				
HUA20	Huawei	US11350435		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 27.3.2.2; Figures 9-64a, 9-64b, 9-64d, 27-5; Tables 9-29h, 27-6	
					CN107079467		
					CN111885738		
					US10728917		
HUA21	Huawei	US11265832		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.11.1, 27.3.11.7.1, 27.3.11.7.2, 27.3.12.16; Figures 27-12, 27-41, 27-42; Tables 27-11, 27-18;	
HUA22	Huawei	CN107615867		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Table 9-154; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 9.3.1.22.2, 26.5.2.2.4, 26.5.4.3, 27.3.1.1, 27.3.1.2; Figures 9-64a, 9-64d, 9-64g; Table 9-29h	
HUA23	Huawei	EP3 193 484		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.5, 27.3.6.6, 27.3.11.1, 27.3.11.7.4; Figures 27-10, 27-13, 27-14	
					BR112017006508		
					CN107079012		
					JP6457634		



			KR10-2046826			
			RU2669585			
			US10200225			
			US10637702			
			US11212148			
			VN26484			
HUA24	Huawei	EP3 402 111		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.5, 27.3.11.1, 27.3.11.7; Figures 27-13; Tables 27-11, 27-20
			AU2016391017			
			CA3014366			
			CN107046460			
			IDP000066717			
			JP6695435			
			KR10-2132374			
			MX383221			
			RU2696249			

			US10708029			
			US11177924			
			ZA201805897			
HUA25	Huawei	EP3 678 321		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.1.1, 27.3, 27.3.2.2, 27.3.3.1.1, 27.3.5, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3; Figures 27-5, 27-16, 27-26, 27-27; Tables 27-6, 27-7, 27-24, 27-26
			AU2015399265			
			CN107113810			
			CN108683483			
			CN109120391			
			CN109698740			
			JP6740442			
			KR10-2040747			
			KR10-2190224			
			RU2669579			
			SG11201710537U			
			US10616895			

			US10645697			
			US10939435			
			US11425716			
HUA26	Huawei	EP3 241 300		1,3	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.1, 27.3.1.2, 27.3.2.1, 27.3.2.2, 27.3.2.3; Figure 27-7; Tables 27-6, 27-10
			CN107210905			
			CN109586887			
			CN109617663			
			CN112134666			
			EP3522439			
			EP3525387			
			JP6602874			
			JP7059235			
			KR10-2063193			
			RU2669366			
			RU2702231			

			US10594457			
			US10708022			
			US10965413			
			US10999033			
HUA27	Huawei	EP3 407 641		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22, 9.3.1.22.1, 9.3.1.22.5, 26.2.6.1, 26.2.6.2, 26.2.6.3 and 27.3.1.1; Table 9-29d; Figures 9-64a, 9-64j, 26-2, 26-3
			CN107087304			
			IDP000071231			
			KR10-2126785			
			MX392310			
			RU2700406			
			US11116003			
HUA28	Huawei	US10972977		1	802.11ax	IEEE Std. 802.11ax-2021: Secs 26.5.2.3.3, 26.5.2.3.4, 27.1, 27.1.1, 27.1.4, 27.3, 27.3.1, 27.3.4, 27.3.6, 27.3.6.1, 27.3.6.8, 27.3.11, 27.3.11.1, 27.3.21; Figures 27-11, 27.57; Table: 27-11
			CN105830380			
			JP6509333			
			KR10-2015199			

			US10448331			
			VN10028253			
HUA29	Huawei	EP3 113 565		1	802.11ax, 802.11-2020	IEEE Std 802.11 – 2020: Sec. 4.3.10; IEEE Std 802.11ax-2021: Secs. 26.5.3, 27.3.1.1, 27.3.2.6, 27.3.4; Figures 26-5, 27-9, 27-11; Table 27-11
					CN106465400	
					CN111629388	
					JP6479033	
					KR10-1883416	
					US10264599	
					US10631322	
					VN10026266	
HUA30	Huawei	CN109756297		9,11	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.11.7.1, 27.3.11.7.2, 27.3.21; Tables 27-20; Figures 27-9, 27-56
					AU2018361284	
					EP3 667 966	
					JP7047083	

			US11310087				
HUA31	Huawei	EP3 151 459		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 10.23.2.8, 26.5.3, 27.3.1.2, 27.3.4; Figures 9-64a, 9-6ab, 9-64d, 26-5, 27-4, 27-11, 27-56	
				JP6498707			
				KR10-1863713			
				US10548156			
				VN28211			
HUA32	Huawei	CN107432036		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.4.2.5.1, 11.2.3.1, 26.8.3.3	
HUA33	Huawei	CN106605437		1,3,6	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.4.1, 26.5.4.2, 26.5.4.3; Figures 9-64d, 26-6; Tables 9-29h, 9-29i	
				EP3 182 777			
				US10278182			
				US10925057			
				US11533725			

HUA34	Huawei	US10721768		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 3.4, 26.11, 26.11.1, 27, 27.1, 27.1.1, 27.3, 27.3.1.1, 27.3.2.5, 27.3.4, 27.3.6.6, 27.3.6.7, 27.3.8, 27.3.11.7, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.21; Figures: 27-9, 27-26, 27-29, 27-56; Tables: 27-11, 27-20, 27-24
			CN107079020			
			EP3200418			
			IDP000075191			
			JP6837978			
			JP7135013			
			KR10-1922579			
			RU2665295			
			US10342042			
			VN30069			
HUA35	Huawei	EP3 244 676		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 26.2.6, 26.2.6.1, 26.4.5, 26.5.2.2.1, 26.5.2.4; Figures 9-64a, 9-64b, 9.64d; Table 9-29c
			CN106063350			
			JP6664404			
			KR10-2061123			
			MY192889-A			
			US10560936			

			US11284388			
HUA36	Huawei	EP3 661 104		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.1.1, 27.3.2.1, 27.3.2.2, 27.3.4, 27.3.5; Figures 27-11, 27-12, 27-15, 27-17
					AU2015395033	
					CA2986605	
					CN109245872	
					EP3 297 385	
					IDP000067872	
					JP6744332	
					JP6968240	
					KR10-1996581	
					MY190060-A	
					RU2673699	
					US10674533	
					US10716135	
		US11368977				



			VN10033107				
HUA37	Huawei	CN108924945		1,2	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.4.2.251, 26.2.6.1, 26.2.7; Figures 9-788o, 9-788p, 26-2	
			CN106922034				
			CN110062477				
			EP3 393 145				
			JP6728359				
			KR10-2238772				
			KR10-2308351				
			US11317439				
			US11324044				
HUA38	Huawei	EP3 293 909		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.4, 27.3.9, 27.3.11.5, 27.3.11.7.1, 27.3.11.7.2, 27.3.13, 27.4.3; Figures 27-43, 27-44; Tables 27-12, 27-18, 27-20	
			CN107534534				
			CN112187427				
			KR10-2078647				
			US10461978				

			US10951451				
HUA39	Huawei	CN107182076		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 17.3.10.6; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.3.1.22.1, 26.2.2, 26.10, 26.10.1, 26.10.2.4, 26.10.3.2, 26.10.3.3, 26.17.3.1, 27.2.2, 27.3.4, 27.3.11.7.2, 27.3.20.6.2, 27.3.22; Figures 9.64a, 9.64b, 26-13, 27-11, 27-62; Tables 9-29d, 27-1, 27-21	
HUA40	Huawei	EP3 496 507		6	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 27.3.2.2, 27.3.3.2.1, 27.3.4, 27.3.6.9, 27.3.11.10, 27.3.15.3, 27.5.1, 27.5.2, 27.5.3, 27.5.4, 27.5.5, 27.5.6, 27.5.7, 27.5.8; Figures 9-64a, 9-64b, 9-64d, 9-64e, 27-11; Tables 9-29c, 9-29d, 9-29e, 27-7, 27-55, 27-62, 27-103, 27-110	
			CN106576385				
			EP3163970				
			KR10-1995941				
			US10341067				
			US10855415				
			VN10028219				
HUA41	Huawei	EP3 306 975		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.2.4.6.3a, 9.2.4.6a.3, 26.13, 27.3.2.2; Figures 9-19a, 9-19b, 9-22c, 27-5, 27-6, 27-7; Tables 9-22a, 9-24c, 9-29i	
			CN107615805				
			US10784985				
HUA42	Huawei	EP3 288 324		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 27.3.2.2; Figures 9-64a, 9-64d; Tables 9-31-g, 9-29i, 27-7, 27-8, 27-9	

			AU2015393577			
			CA2984181			
			CN108964858			
			EP3 609 265			
			JP6612895			
			JP6875040			
			KR10-2063192			
			KR10-2120279			
			KR10-2164280			
			MX379766			
			US10425936			
			US10624085			
			US11178659			
			ZA2017/08112			
HUA43	Huawei	CN107535006		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.4.2.250, 26.5.4, 26.5.4.1, 26.5.4.2, 26.5.4.3; Figures 9-788m, 9-788n, 26-6

		AU2015396027		
		CA2987288		
		CA3091314		
		EP3 294 036		
		IDP000065194		
		JP6696637		
		JP7092430		
		KR10-2193063		
		KR10-2231453		
		MX381657		
		RU2669586		
		RU2689125		
		US10536988		
		VN10032686		
		ZA201708149		

HUA44	Huawei	US10819478		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.1, 27.3.1.2, 27.3.2.2, 27.3.4, 27.3.7, 27.3.10, 27.3.11.7.1, 27.3.11.7.2, 27.3.21; Figure 27-8. 27-9, 27-10, 27-11, 27-23, 27-55; Tables 27-7, 27-11, 27-18
			AU2016384965			
			CA3009081			
			CN106953721			
			EP3 389 211			
			IDP000068205			
			JP6720320			
			JP7143357			
			KR10-2215932			
			MX382829			
			RU2689999			
		VN10032074				
HUA45	Huawei	US10856210		1	802.11ax	IEEE Std. 802.11-2020: Secs. 1.3; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.4.2.259; Figure 9-788ad
			CA3067750			
			CN109429564			

			JP6999711			
			RU2767305			
			US10349340			
			ZA2020/00088			
HUA46	Huawei	US10893438		1	802.11ax, 802.11-2020	EEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1, 9.2.1, 9.2.3, 9.2.5.1, 9.2.5.2, 10.23.2.3, 10.23.2.7, 19.3.20; Figures 4-2, 9-2, 10-26; IEEE Std. 802.11ax-2021: Secs. 3.2, 4.3.15a, 9.2.4.6.1, 9.4.2.6.3a, 9.2.5.2, 26.5.7.3, 26.11.5, 26.17.3.1, 27.3.4, 27.3.5, 27.3.11.7.1, 27.3.11.7.2, 27.3.21; Figures 9-19a, 9-19b, 27-10, 27-56; Tables 9-13b, 9-22a, 27-18, 27-20
			CN107078790			
			IDP000078154			
			IN351274			
			JP6839225			
			JP6856524			
			JP7066023			
			KR10-1970082			
			US11223973			
	VN10027384					
HUA47	Huawei	CN105830516		1	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 9.2.3; Figure 9-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 4.3.15a, 9.2.4.6.1, 9.2.4.6a.1, 9.2.4.6.3a, 26.5.2.2.1, 27.3.1.2; Figures 9-19a, 9-19b, 9-22a, 27-4 ; Tables 9-13b, 9-22a

			EP3 014 941			
			JP7074624			
			KR10-1849212			
			US10440715			
			US10893524			
			US9936502			
HUA48	Huawei	CN107852769		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.2.4.6a.3, 26.13; Figures 9-22c, 9-22d; Tables 9-24c
HUA49	Huawei	EP3 337 077		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3, 27.3.2.5, 27.3.4, 27.3.6.1, 27.3.11.7.2, 27.3.11.8.4, 27.3.21; Figures 27-9, 27-56; Table 27-20
			AU2016316276			
			CN106487489			
			CN108199820			
			CN108200000			
			CN109412774			
			EP3606255			

			EP3611989			
			IN365176			
			JP6657381			
			JP7051914			
			KR10-2134352			
			KR10-2243422			
			MX381603			
			US10615936			
			US10944531			
HUA50	Huawei	EP3 355 595		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.2.3, 9.2.4.1.1, 9.2.4.1.4; Figures 9-2, 9-3; Tables 9-3; IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.11.7.2, 27.3.22; Figures 27-8, 27-10, 27-59, 27-60; Table 27-18
			CN106604203			
			JP6786596			
			KR10-2096939			
			KR10-2137074			
			US10499336			



			US11082923			
			VN10030018			
HUA51	Huawei	EP3 379 873		2	802.11ax	IEEE Std. 802.11ax-2021: Sections 3.2 and 9.3.1.22.1; Figures 9-64a and 9-64d; Table 9-29h
					CN106879070	
					US10616384	
HUA52	Huawei	US10764413		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1, 9.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 9.2.4.1.3, 9.3.1.22.1, 9.3.1.22.2, 26.5.2.2.3, 27.3.4, 27.3.21; Figures 9-64a, 9-64g, 27-54, 27-55, 27-56; Tables 9-1, 9-531, 9-534a, 9-534b, 9-534c, 9-534d
HUA53	Huawei	US10340964		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.1.1, 3.1, 3.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 27.3.4, 27.3.11.9, 27.3.12.16; Figures 27-9, 27-41
					CN105850222	
					EP3 172 937	
					US10686478	
					US11025286	

HUA54	Huawei	EP3 413 661		1	802.11ax	IEEE 802.11ax-2021: Sections 3.2, 9.3.1.22.1, 10.3.2.13.3, 27.3.2.2, 27.3.4, 27.3.11.1; Figures 9-64a, 9-64b, 9-64d, 10-14b, 27-11, 27-12; Tables 9-29i, 9-29d, 27-6, 27-7
			AU2017285829			
			CA3015425			
			CN107509252			
			CN110912668			
			IDP000066652			
			JP6705009			
			JP6907382			
			KR10-2181737			
			MX393859			
			RU2711509			
			VN10031260			
			ZA201805602			

HUA55	Huawei	CN106685578		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.4, 27.3.5, 27.3.11.7.2, 27.3.11.8.1, 27.3.11.8.2; Figure 27-9, 27-26; Tables 27-20
HUA56	Huawei	US11350359		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4.2.2; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.4.2.199, 9.4.2.248.3, 10.47.1, 26.8.2, 26.8.7.2, 27.3.1.2, 27.3.2.2, 27.3.10; Figures 9-64a, 9-64b, 9-64d, 26-9, 27-4; Tables 9-322b, 27-7, 27-8, 27-9
			AU2015401995			
			BR112018000842			
			CN107432005			
			IDP000074868			
			JP6534488			
			KR10-2053068			
			RU2687162			
			VN10033106			
			ZA2018/00862			
HUA57	Huawei	CN105531974		1	802.11ax	IEEE 802.11ax-2021: Secs. 26.15.5, 27.3.4, 27.3.6.5, 27.3.6.6, 27.3.11.7.4; Figures 27-10, 27-25
HUA58	Huawei	US10034254		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4.2.2; IEEE Std. 802.11ax-2021: Secs. 10.3.2.3.3, 26.5.3, 27.3.1.2, 27.3.15.1, 27.3.15.3, 27.4.4; Figure 26-5; Table 27-54

			CN105359596				
HUA59	Huawei	EP3 248 410		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 3.1; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 26.5.3, 27.3.1.1, 27.3.1.2; Figures 26-5, 27-4	
				CN107211323			
				JP65050869			
				KR10-2011700			
				VN33099			
HUA60	Huawei	EP2 706 802		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 10.9.2, Annex O.3; Figure O-2; IEEE Std. 802.11ax-2021: Secs. 10.29.2, 10.29.3, 10.29.4	
				AU2012265443			
				BR112013033147			
				CN102843785			
				EP2999291			
				IN374221			
				KR10-1540372			
				MY179124-A			

			RU2547137			
			US9655136			
HUA61	Huawei	CN107580333		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 10.23.2.7, 26.2.1, 26.2.6.1, 27.1.1, 27.3.9, ; Figures 9-64a, 9-64b, 9-64d; Tables 9-29c, 9-29d, 27-15
			CN104066145			
			EP2978273			
			EP3 386 262			
			US10959266			
HUA62	Huawei	EP3 035 767		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.2.6.1, 26.5.2.5, 27.2.3; Figures 9-64a, 9-64d, 26-2; Tables 9-29h, 27-2
			CN104378828			
			JP6177437			
			KR10-1805560			
			VN24162			
HUA63	Huawei	CN106937357		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 9.3.1.22.9, 26.5.7.1, 26.5.7.2, 26.5.7.3, 26.5.7.4, 27.3.11.10, 27.3.18; Figures 9-64a, 9-64l, 27-46; Tables 9-29k, 26-3, 27-32

HUA64	Huawei	EP3 389 312		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 10.23.1; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 10.23.2.2, 10.23.2.8, 10.23.2.9, 10.25.8.4; Figure 10-37a
			CN106937358			
			US10602542			
HUA65	Huawei	CN105556914		1-3, 4, 7	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 9.2.3; Figure 9-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.2.4.6.1, 9.2.4.6.3a, 27.3.4, 27.3.9, 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, 27.3.21; Figures 9-19a, 9-19b, 27-8, 27-9, 27-10, 27-11, 27-26, 27-54, 27-55, 27-56, 27-57; Tables 9-13b, 9-22a, 27-12, 27-18, 27-20, 27-21, 27-28, 27-29
			EP3 764 612			
			EP3086521			
			JP6478249			
			KR10-1955615			
			US10470223			
			US11252766			
			VN25467			

HUA66	Huawei	CN105981467		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.2.3, 9.2.4.1, 9.2.4.1.1, 9.2.4.3, 9.2.4.3.1, 9.2.4.8, 9.3.1.3, 9.3.1.22, 9.3.1.22.1, 9.4.1.8, 9.4.2.208, 10.2.3.2, 10.3.2, 26.2.6, 26.2.6.1, 26.2.6.3, 27.3.21; Figures 9-64a, 9-64b, 26-1, 26-2, 26-3; Table 9-29c
HUA67	Huawei	US9596614		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1; IEEE Std. 802.11ax-2021: Secs. 26.4.4.1, 26.4.4.2, 27.1.1, 27.3.4, 27.3.11.1, 27.3.11.7.1, 27.3.11.7.2, 27.3.21; Figures 27-8, 27-54; Table 27-11
			AU2012331846			
			EP2 747 329			
			IN328121			
			JP5819002			
			KR10-1651760			
HUA68	Huawei	US11398938		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs.: 1.1, 1.2; IEEE 802.11ax-2021 Secs. 6.5, 6.5.6, 6.5.6.2, 27, 27.1, 27.1.1, 27.3.4, 27.3.6, 27.3.6.1, 27.3.6.6, 27.3.10, 27.3.11.7, 27.3.11.7.1, 27.3.11.7.2, 27.3.12, 27.3.12.1, 27.3.13, 27.3.21; Figures 27-8, 27-9, 27-10, 27-23, 27-54, 27-55, 27-56; Tables: 27-11, 27-18, 27-20
			CN107455002			
			CN111866843			
			EP3282660			
			EP3675445			
			IN366643			

			JP6616429			
			JP6965326			
			KR10-2070962			
			US10812306			
			US10812307			
			VN27838			
HUA69	Huawei	CN106685618		1	802.11ax	IEEE 802.11ax-2021: Secs. 3.2, 27.3.4, 27.3.11.7.1, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.5, 27.3.21; Figures 27-9, 27-26, 27-28, 27-29, 27-30, 27-56; Table 27-20
HUA70	Huawei	EP3 313 012		1	802.11ax	IEEE 802.11-2020: Secs. 9.7.1; Figures 9-971, 9-973; IEEE 802.11ax-2021: Secs. 9.3.1.8.2, 9.2.4.4.2 26.3.2.4, 26.3.3.4; Table 9-28a;
			CN106487476			
			CN112511267			
			JP6568657			
			KR10-2116361			
			US10574398			
			US11075717			



HUA71	Huawei	EP3 334 112		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.2.2, 27.3.4, 27.3.6.9, 27.3.10, 27.3.11.10; Figures 27-9, 27-11; Tables 27-9, 27-15
			AU2016312080			
			CN106487737			
			CN108551434			
			CN110545165			
			EP3657749			
			JP6463552			
			KR10-2028661			
			MX383648			
			SG11201801055T			
			US10616882			
			US10645687			
			US11265873			
		ZA2018/00863				

HUA72	Huawei	US9954663		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.2, 3.1, 4.3.5.1; IEEE 802.11ax-2021: Secs. 4.3.15a, 26.11.1, 27.3.1.2, 27.3.4, 27.3.11.1, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.4, 27.3.21; Figures 27-9, 27-26, 27-56; Tables 27-29, 27-30
			CN106464636			
HUA73	Huawei	CN107113266		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 17.3.5.9, IEEE Std. 802.11ax-2021: Secs. 27.3.2.1, 27.3.2.2, 27.3.2.4, 27.3.4, 27.3.6.9, 27.3.10, 27.3.11.10, 27.3.12.13, 27.3.12.14, 27.3.21, ; Figures 27-8, 27-9, 27-10, 27-11, 27-54; Tables 27-11, 27-37
HUA74	Huawei	CN106605436		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.2.1, 27.3.2.2, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.21; Figures 27-26, 27-27, 27-56; Tables 27-24, 27-26
HUA75	Huawei	CN106900073		1,2	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.4.2.255.1, 9.4.2.255.2, 26.17.5.1, 26.17.5.2, 26.17.5.3; Figures 9-788v, 9-788w, 26-15; Table 9-322f
			EP3 376 815			
			US10863501			
HUA76	Huawei	CN107852745		1 to 6	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.1, 9.3.1.8.7, 9.3.1.22.1, 9.3.3, 26.4.1, 26.4.2, 26.5.4.1, 26.5.4.5; Figures 9-47a, 9-47b, 9-47d; Table 9-527
			EP3301990			
HUA77	Huawei	CN106603211		1	802.11ax	IEEE 802.11ax-2021: Secs. 26.2.2, 27.3.11.7.1, 27.3.11.2, 27.3.21; Tables 27-18, 27-20, 27-21, 27-22, 27-23

			AU2016343378			
			CN112491521			
			EP3 358 776			
			IDP000076096			
			JP6559891			
			KR10-2103308			
			MX387244			
			RU2686852			
			US11122578			
			VN31267			
			ZA2018/02799			
HUA78	Huawei	CN106559192		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1; Figures 9-64a, 9-64d; Tables 9-29h, 9-29j
HUA79	Huawei	CN106688261		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 9.7.1; Figure 9-971; IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 9.7.3, 26.5.2.2.4; Figures 9-64a, 9-64b, 9-64d, 9-64g; Table 9-29h

HUA80	Huawei	CN104254136		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 9.4.2.253, 10.1, 10.3.1, 10.3.2.1, 26.2.6.1, 26.5.7.1, 27.3.1.1; Figures 9-64a, 9-64d, 9-788s, 26-2
HUA81	Huawei	US10389565		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 1.5, 3.1, 4.2.2, 4.3.5.1, 17.3.5.7; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 27.3.5, 27.3.12.6, 27.3.12.7, 27.3.12.9, 27.3.12.10; Figures 27-21, 27-22, 27-37, 27-38, 27-39, 27-40
			CN106922212			
HUA82	Huawei	EP3 094 150		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 10.23.2.5, 10.29.2, 10.29.3, 10.29.4
			CN105900513			
			US10149322			
			US10827527			
HUA83	Huawei	CN107787048		1,2	802.11ax	IEEE 802.11ax-2021: Secs. 11.21.2.8, 26.2.2, 26.10.2.1, 26.10.2.2, 27.1.4, 27.2.1, 27.2.2; Table 27-1
			IN408376			
			JP6680906			
			JP6863659			
			KR10-2225300			
			RU2712430			
			US11026259			

			ZA2018/08125				
HUA84	Huawei	CN106789761		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.1, 27.3.6.9, 27.3.11.10	
				AU2016358881			
				BR112018010247			
				BR122020009992			
				CA3006017			
				CN108540412			
				CN109462560			
				EP3 370 378			
				EP3681113			
				IDP000074859			
				JP6591674			
				KR10-2109509			
				KR10-2220247			
	MX389422						

			RU2684640			
			US10616027			
			US10686640			
			US10999119			
			ZA2018/03521			
HUA85	Huawei	EP3 335 507		16	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 9.3.1.22.1, 27.3.2.2, 27.3.2.3; Figures 9-64a, 9-64d, 27-5, 27-6, 27-7; Table 9-29h
HUA86	Huawei	EP2 749 098		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 9.4.2.250, 26.5.2.3.1, 26.5.4.1, 26.5.4.2, 26.5.4.3, 26.17.4; Figures 9-64a, 9-64b, 9-64d, 9-788m, 9-788n; Table 9-29h.
				CN104094652		
				CN108601090		
				EP3030035		
				JP5807317		
				US10674539		
				US9992796		

HUA87	Huawei	EP2 939 466		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 8.3.5.12.2, 8.3.5.12.3, 26.10.2.4, 26.10.2.5, 26.10.3.2, 26.10.3.3; Figure 26-11
			CN106134248			
HUA88	Huawei	EP3 694 133		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 17.3.5.9; IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.6.4, 27.3.11.5, 27.3.11.6; Figures 27-8, 27-9, 27-10, 27-11
			AU2017205032			
			BR112018002902			
			CA2997038			
			CN106954202			
			CN108449728			
			EP3340674			
			IDP000073620			
			JP6705895			
			KR10-2104947			
			MX376899			
			MY189128-A			

			RU2700193			
			US10397037			
			US10454737			
			US11128508			
			VN30744			
			ZA2018/01165			
HUA89	Huawei	EP3 407 518		1, 2	802.11ax	
			AU2017262875			
			BR112018073044			
			CA3023848			
			CN108599823			
			IDP000075547			
			JP6692927			
			KR10-2209419			
			MX386114			



			RU2712122			
			US10924227			
HUA90	Huawei	EP3 241 391		1	802.11ax	IEEE 802.11ax-2021: Secs. 3.1, 3.2, 9.2.4.5.4, 26.10, 27.3.4, 27.3.11.7; Figures 10-14a, 26-13, 27-11; Tables 9-13, 27-21
			CN107113782			
			US10542557			
			US9949285			
HUA91	Huawei	CN102843755		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 11.2.3; IEEE Std. 802.11ax-2021: Secs. 9.3.1.19, 9.2.4.1.3; Figures 9-59, 9-61a, 9-61b; Table 9-1
HUA92	Huawei	EP3301963		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.19, 9.3.1.22.1, 26.7, 27.3.11.10, 27.3.17; Figures 9-61a, 9-61b, 9-64a, 9-64d, 26-8, 27-45; Table 9-29h
			AU2015401078			
			CA2990966			
			CN107710803			
			IN365638			
			JP6549739			
			JP7105740			

			KR10-2021000			
			RU268957			
			US10439699			
			US10790891			
HUA93	Huawei	CN111212012		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.1.1, 27.3.4, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4; Figures 27-9, 27-26, 27-27; Tables 27-24, 27-28
HUA94	Huawei	CN105376859		1	802.11ax	IEEE 802.11ax-2021: Secs. 3.2, 27.3.2.5, 27.3.4, 27.3.5, 27.3.11.7.2, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.21; Figures 27-9, 27-14, 27-26, 27-27, 27-55; Tables 27-20, 27-24, 27-28
HUA95	Huawei	CN106533522		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.11.10, 27.3.13, 27.3.17, 27.3.21; Figures 27-45, 27-54
HUA96	Huawei	CN106465405		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.2.5, 27.3.4, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.21; Figures 27-9, 27-26, 27-27, 27-56; Tables 27-24, 27-25
HUA97	Huawei	CN107210847		1	802.11ax	IEEE Std. 802.11-2020: Secs. 3.1, 3.4, 10.2.2, 10.3.1; IEEE Std. 802.11ax-2021: Secs. 26.2.1, 26.2.6.1, 26.2.6.3, 26.5.2.5, 26.10.1, 26.10.2.2, 26.10.2.4, 27.3.2.5, 27.3.2.6, 27.3.20.6.2; Figures 26-1, 26-2; Table 26-11
HUA98	Huawei	US10531497		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.1, 1.2, 3.2, 4.2.2, 4.3.5, 4.3.5.1; IEEE 802.11ax-2021: Secs. 9.3.1.22, 9.3.1.22.1, 27.3.1.1; Figures 9-64a, 9-64d, 9-64e; Table 9-29h

HUA99	Huawei	CN106550377		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 10.2.2, 17.3.10.6, IEEE Std. 802.11ax-2021: Secs. 8.3.5.12.3, 9.3.1.22.1, 26.2.2, 26.5.2.3.1, 26.10.2.1, 26.10.2.2, 26.10.2.4, 27.3.20.6.1, 27.3.20.6.2, 27.3.22; Figures 9-64a, 27-59, 26-11; Table 26-11
HUA100	Huawei	CN107027133		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.2.1, 9.2.3, 9.2.3.1.2, 9.2.4.3.4, 9.3.2.1.2; Figure 9-2; Table 9-30; IEEE Std. 802.11ax-2021: Secs. 3.1, 26.2.2, 26.17.3.1, 26.17.3.4, 26.17.3.5.1, 27.3.4, 27.3.11.7.2, 27.3.21; Figures 27-11, 27-57; Table 27-21
			CN111510936			
HUA101	Huawei	US11044132		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.2, 3.1, 4.2.2, 4.3.5.1; IEEE 802.11ax-2021: Secs. 4.3.15a, 9.4.2.248.3, 27.3.11.7.1, 27.3.11.7.2, 27.3.12.16; Figures 27-41, 27-42; Tables 9-322b, 27-18, 27-19
			CN109428704			
HUA102	Huawei	US10063362		1	802.11ax	IEEE 802.11ax-2021: Secs 4.3.15a, 8.3.5.12.2, 9.2.4.6a.6, 26.5.6, 27.3.20.6.5; Figure 9-22g
HUA103	Huawei	US10211958		7	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 17.3.5.9, 17.3.5.10; IEEE 802.11ax-2021: Secs. 27.3.1.1, 27.3.1.2, 27.3.2.1, 27.3.2.2, 27.3.4, 27.3.2.4, 27.3.11.10, 27.3.12.13; Figures 27-4, 27-11, 27-33; Tables 27-6, 27-7, 27-11, 27-37, 27-39, 27-42, 27-44, 27-45
HUA104	Huawei	US10798717		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 3.4, 4.3.15a, 26.10.1, 26.10.3.1, 26.10.3.2, 26.10.3.4, 27.3.6.6, 27.3.11.7.1, 27.3.11.7.2; Figure 26-13; Tables 27-21, 27-23
			CN107969170			
			EP3393163			
			US11452109			

HUA105	Huawei	CN107852674		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.4.2.259; Figure 9-788ad
HUA106	Huawei	CN107409431		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.2.4.3.4; IEEE Std. 802.11ax-2021: Secs. 9.2.5.2, 9.3.1.3, 9.3.1.22.1, 26.2.6.1; Figures 9-64a, 9-64b, 26-1; Table 9-29c
HUA107	Huawei	CN108123781		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.7.1, 9.3.1.22.1, 10.3.2.13.2, 10.25.8.4; Figures 9-64a, 9-64b, 9-64d, 10-14a, 10-37a; Tables 9-29c, 9-29d, 9-29h
HUA108	Huawei	CN107529354		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.6.4, 27.3.6.5, 27.3.10, 27.3.21; Figures 27-23, 27-54
HUA109	Huawei	CN106912108		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.2, 26.2.2, 26.10.1, 26.10.2.1, 26.10.2.2, 26.11.4, 27.3.4; Table 27-11
HUA110	Huawei	CN106612159		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.3.1.8.1; Figure 9-41; IEEE Std. 802.11ax-2021: Secs. 9.3.1.8.7, 9.7.3, 10.3.2.13.3, 26.4.1, 26.4.2, 26.6.3.1, 26.6.3.4; Figures 9-47a, 9-47b, 9-47c; Tables 9-28b, 9-28c, 9-534d
HUA111	Huawei	EP3 376 813		1	802.11ax	IEEE 802.11ax-2021: Secs. 3.2, 9.2.5.8, 26.2.2, 26.10.3, 26.11.6; Figure 26-13
			CN106851848			
HUA112	Huawei	EP2 962 506		1	802.11ax	IEEE 802.11ax-2021: Secs. 27.3.4, 27.3.10, 27.3.21; Figures 27-8, 27-9, 27-10, 27-11, 27-12, 27-23, 27-56; Table 27-11
			CN105900509			

			EP3236691			
			US10142936			
HUA113	Huawei	CN106465168		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.2.4.6a.4, 9.3.1.22.1, 26.5.2.2.2, 26.5.5; Figures 9-22e, 9-64a, 9-64d; Table 9-29h
			US11284283			
HUA114	Huawei	CN108353429		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 26.2.3, 26.10.2.1, 26.10.2.2, 26.10.2.3, 26.10.2.4, 27.3.11.7.1, 27.3.11.7.2, 27.3.22; Figure 27-61; Tables 26-11, 26-12, 27-18, 27-20, 27-21
			US10820304			
HUA115	Huawei	CN106936749		1	802.11ax	IEEE 802.11ax-2021: Secs 4.3.15a, 9.3.1.22.1, 27.3.2.2, 27.3.10, 27.3.11.9; Figures 9-64, 9-64d; Tables 9-29j, 27-6
HUA116	Huawei	CN105850078		12	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.2.3, 9.2.4.3.1; Figure 9-2; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.4.2.250, 10.2.4a, 26.5.4.1, 26.5.4.3, 27.3.21; Figures 9-64a, 9-64d, 9-788m, 9-788n, 27-57; Table 9-29h, 9-29i
HUA117	Huawei	CN106688303		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 3.4, 9.3.1.22.1, 26.10.1, 26.10.3.2, 26.10.3.4, 27.3.11.7.2, 27.3.15.2; Figures 9-64a, 9-64d; Table 27-23
HUA118	Huawei	CN107534931		8	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.9, 26.7.1, 27.3.1.1; Figures 9-64a, 9-64e, 9-64d; Tables 9-29h, 9-29i

HUA119	Huawei	CN107027161		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.4.2.199, 9.2.4.5.6, 9.2.4.6a.4, 26.5.4.3, 26.5.4.5, 26.5.5, 26.8.3.2, 26.14.2; Figures 9-22e, 9-687b, 26-6, 26-14; Table 9-296a
			US10893472			
HUA120	Huawei	US10136440		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 4.2.2, 4.3.5.1; IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.1, 27.3.15.2; Figures 9-64a, 9-64b, 9-64d; Table 9-29j
			CN108476476			
HUA121	Huawei	CN105830467		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 4.3.15a, 9.3.1.22.1, 26.5.2.1, 26.5.2.3.1, 26.5.2.3.3, 27.3.1.1, 27.3.1.2, 27.3.12.14; Figures 9-64a, 9-64b, 9-64d, 27-4, 27-62; Table 9-29h.
			CN108617006			
			EP3 017 614			
			JP6775546			
			KR10-1897371			
HUA122	Huawei	CN107005302		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.2.3; Figure 9-2; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 9.2.4.6.1, 9.4.2.6.3a, 9.2.4.6a.6, 26.5.6; Figures 9-19a, 9-19b, 9-22g, 9-64a; Table 9-13b, 9-22a
HUA123	Huawei	EP3 500 041		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 26.5.2.3.1, 26.5.4.1, 26.5.4.3, 26.5.4.5, 26.17.4; Figures 9-64a, 9-64d, 26-6; Table 9-29h
			CN107787049			

HUA124	Huawei	EP3393189		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 26.10.2.4, 26.10.2.5, 27.3.15.2; Figure 26-12
			US10743185			
HUA125	Huawei	CN106686663		1	802.11ax	IEEE 802.11ax-2021: Secs. 26.5.3, 26.2.6.1; Figures 26-2, 26-5
HUA126	Huawei	US10917848		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 9.4.2.28, 10.3.2.3.1, 10.3.2.3.6, 10.23.2.4; Figures 9-293, 9-295, 9-296, 9-297, 10-5; Tables 9-154, 9-155, 9-156, 9-157; IEEE 802.11ax-2021: Secs. 9.3.32, 9.4.2.251, 26.8.1, 26.8.3.1, 26.8.3.3; Figures 9-788o, 9-788p, 26-10; Table 9-32
HUA127	Huawei	CN104995949		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.7, 9.3.1.22, 9.3.1.22.1, 9.3.1.22.2, 9.3.1.22.4, 9.7.3, 10.3.2.13.1, 10.3.2.13.2, 26.5.7.1, 27.3.18; Figures 9-64a, 9-64b, 9-64g, 9-64i, 10-14a, 27-46; Tables 9-29c, 9-529, 9-531
HUA128	Huawei	CN104770020		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 9.4.2.92, 9.4.5.1, 9.4.5.4, 9.4.5.8, 9.4.5.18, 9.4.5.24, 9.4.5.27, 9.6.7.12, 11.22.3.2.6, 11.22.3.3.1, 11.22.3.3.10; Figures 9-485, 9-486, 9-487, 9-828, 9-829, 11-45; Tables 9-331, 9-370, 11-14; IEEE 802.11ax-2021: Secs. 11.53
			US9480005			
HUA129	Huawei	CN107027145		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 9.3.1.22.9, 26.5.7.1, 26.5.7.2, 26.5.7.3, 27.3.11.7.2, 27.3.11.10, 27.3.18; Figures 9-64a, 9-64b, 9-64l, 27-46; Tables 27-18, 27-31, 27-32
			EP3 404 955			
HUA130	Huawei	EP3148274		9	802.11ax	IEEE 802.11ax-2021: Sections 3.1, 9.3.1.22.5, 26.2.6.1, 26.2.6.2, 26.2.6.3, 26.5.1.2, 26.5.2.5, 27.3.1.2, 27.3.2.2; Figures 9-64j, 26-1, 27-4, 27-7
			CN106465357			

HUA131	Huawei	CN107113749		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.3.1, 27.3.2.6, 27.3.15.1, 27.3.15.2; Figures 9-64a, 9-64b, 9-64d
			US9967827			
HUA132	Huawei	CN104168662		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.4.2.170.2, 11.10.14, 27.3.20.6.5; Figure 9-632a
HUA133	Huawei	CN106488580		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.5, 26.5.4.1, 26.5.4.3; Figures 9-64a, 9-64b, 9-64d; Tables 9-29h, 9-29i
HUA134	Huawei	EP3 182 792		7	802.11ax	IEEE 802.11ax-2021: Secs. 6.3.3.1, 6.3.3.3.1, 6.3.3.3.2, 9.4.2.259; Figure 9-788ad
HUA135	Huawei	EP3 079 437		6	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.3, 9.3.1.22.1, 26.2.6.1, 26.2.6.2, 26.2.6.3, 26.2.6.5, 26.5.2.2.4, 26.5.2.5, 27.2.2, 27.3.4, 27.3.12.3 and 27.3.12.4; Figures 9-64a, 9-64d, 26-1, 26-3, 27-1, 27-12 and 27-34; Tables 27-1 and 27-34
			CN105850220			
HUA136	Huawei	US11109411		1	802.11-2020, 802.11ax	IEEE 802.11-2020: Secs. 3.1, 4.2.2; IEEE 802.11ax-2021: Secs. 9.3.1.3, 9.3.1.22.1, 9.3.1.22.5, 10.3.2.1, 26.5.2.1, 26.5.2.5, 26.2.6.1, 26.2.6.3, 27.3.20.6.2; Figures 9-31, 9-64b, 9-64d, 26-1
HUA137	Huawei	EP2 809 110		1	802.11-2020, 802.11ax	IEEE 802.11-2020: Secs. 9.3.1.5.1, 9.3.1.5.3, 9.2.5.2, 10.50.1; Figure 9-33; IEEE 802.11ax-2021: Secs. 10.3.2.1, 26.11.5, 27.3.1.1, 26.8.2
			CN103298079			



HUA138	Huawei	US11290315		1	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 1.2, 3.1, 4.2.2, 4.3.5.1; Figure 4-2; IEEE 802.11ax-2021: Secs. 4.3.15a, 9.2.4.6a.1, 26.5.2.2.3, 26.5.2.3.4, 27.1.1, 27.3.6.10.1 27.3.11.7.1, 27.3.11.7.2, 27.3.22, Figures 9-22a, 27-59, 27-60; Tables 27-18, 27-19, 27-20
			CN107251629			
HUA139	Huawei	US10425513		1	802.11ax	IEEE 802.11ax-2021: Secs.27.3.4, 27.3.6.6, 27.3.11.1, 27.3.11.6, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.7.4; Figures 27-8, 27-10, 27-25; Tables 27-18, 27-21
HUA140	Huawei	CN105208670		1	802.11-2020, 802.11ax	IEEE 802.11-2020: Secs. 10.29.2, 10.29.4; Figure O-2; IEEE 802.11ax-2021: secs. 10.29.1, 10.29.2, 10.29.3, 10.29.4
HUA141	Huawei	CN106161583		1	802.11-2020, 802.11ax	IEEE 802.11-2020: Secs. 9.3.1.7.2, 9.3.1.8.1, 10.25, 10.25.1; Figures 9-37, 9-41, 9-20a; IEEE 802.11ax-2021: Secs. 4.3.15a, 9.3.1.8.7, 27.3.1, 27.3.22; Figures 9-47a, 9-47c, 27-62; Table 9-28b
HUA142	Huawei	CN106105111		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.4.1, 26.5.4.3, 27.3.20.6.1, 27.3.20.6.2; Figures 9-64a, 9-64d, 26-6; Table 9-29h, 9-29i
			US10164797			
HUA143	Huawei	CN106233790		1	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 9.3.3.2, 9.4.2.5.1, Figure 9-149, Table 9-32; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.4.2.199, 26.8.3.1, 26.8.3.3, 27.3.4, Figures 9-64a, 9-64d, 9-686, 9-687, 9-687b, 9-689a, 26-10, 27-11 ; Tables 9-296a, 9-29i

HUA144	Huawei	CN107409385		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.3.4, 27.3.11.1, 27.3.11.7.2, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4; Tables 27-20, 27-24, 27-26; Figures 27-9, 27-26, 27-27
HUA145	Huawei	CN107409018		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 26.2.6, 27.3.1.1, 27.3.1.2, 27.3.4, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4; Figures 26-1, 26-2, 27-4, 27-9, 27-11, 27-26; Table 27-24
HUA146	Huawei	CN107210878		1	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 17.3.5.9, 17.3.5.10, I.1.7; Table I-21; IEEE Std. 802.11ax-2021: Secs. 27.1.1, 27.3.2.1, 27.3.4, 27.3.10, 27.3.12.1, 27.3.12.13; Figure 27-23; Tables 27-11, 27-37, 27-38
MTK01	Mediatek	EP3 061 296		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 26.2.2, 26.10.1, 26.11.4, 26.17.3.1, 26.17.4, 27.1.1, 27.3.1.1, 27.3.4, 27.3.11.7.2; Figure 27-9; Table 27-20
MTK02	Mediatek	US10187124		1	802.11ax	IEEE 802.11ax-2021: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1, 4.3.15a, 17.3.2.2, 20.5.4.1.2, 24.5.4.1.2, 25.5.7.1.3, 25.6.9.2.3, 26.11.3, 27.2.2, 27.3.4, 27.3.6.3, 27.3.6.4, 27.3.6.5, 27.3.6.6, 27.3.6.9, 27.3.11.3, 27.3.11.4, 27.3.11.5, 27.3.11.6, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.10, 27.3.11.7.4; Figure 27-8; Tables 27-1, 27-11, 27-18
MTK03	Mediatek	EP3 107 346		1	802.11ax	IEEE Std 802.11ax-2021: Secs. 26.2.2, 26.10.2, 26.10.2.1, 26.10.2.2, 26.17.3.1, 26.10.2.2, 27.3.20.6.4

MEL01	Melco	US8537792		8	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.2, 4.2.2, 4.3.5.1, 4.3.13, 9.2.3, 10.3.2.1, 10.27.1, 10.27.2, 10.27.3.1, 19.2.1, 19.2.2, 19.3.2; Figures 4-2, 9-2, 19-1; Tables 10-22, 10-23, 19-1; IEEE Std. 802.11ax-2021: Secs 3.1, 3.2, 4.3.15a, 10.3.2.1, 10.3.2.4, 10.27.6, 26.2.4, 27.2.6.2, 27.2.6.3, 27.3.20.6.3
			EP1 881 647			
ORA01	Orange	EP3 742 681		1	802.11ax	IEEE 802.11ax-2021: Secs. 4.3.15a, 8.3.5.2.2, 9.3.1.8.7, 26.5.1.2, 26.5.2.2.1, 26.11.1, 27.1.1, 27.2.1, 27.2.2, 27.3.1, 27.3.2.5, 27.3.4, 27.3.5, 27.3.6.7, 27.3.11.8.2, 27.3.11.8.4, 27.3.22, 27.6; Figures 27-8, 27-9, 27-16, 27-26, 27-61; Tables 27-1, 27-28, 27-29, 27-63, 27-111
PAN01	Panasonic	US10582542		1	802.11ax	IEEE 802.11ax Secs. 1.1, 1.2, 3.2, 4.2.2, 4.3.5.1, 9.1, 9.3.1.1, 9.3.1.22.1
			CN115065447			
			CN115065448			
			CN115085884			
			CO38072			
			EP3 664 566			
			IDP000079376			
			JP6948622			
			JP7122702			
		JP7304551				

			KR10-2101603			
			KR10-2161973			
			MX379550			
			MY197254A			
			RU2732066			
			US11129207			
			US11706815			
PAN02	Panasonic	EP3 641 171		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.1, 27.3.2.5, 27.3.4, 27.3.11.7.2, 27.3.11.8.4, 27.3.11.8.5; Figures 27-9, 27-29; Tables 27-11, 27-20
			AU2016385204			
			AU2021201793			
			BR112018010588-0			
			CN108141304			
			CN108476190			
			CN110601805			
			CN110635886			

		EP3 371 907		
		EP3 400 690		
		EP3913825		
		IDP000073562		
		IN384633		
		JP6748970		
		JP6782467		
		JP6970939		
		JP6975920		
		JP7165915		
		KR10-2622832		
		MX403447		
		RU2718741		
		US10530621		
		US10826737		

			US11451422				
			US11627029				
			ZA2018/04356				
PAN03	Panasonic	EP3 510 820		1	802.11ax	IEEE Std 802.11ax-2021: Secs. 3.2, 3.4, 4.3.15a, 9.4.2.250, 26.5.2.3.1, 26.5.4.1, 26.5.4.2, 26.5.4.3, 27.3.2 and 27.3.2.8; Figures 9-778m, 9-778n, 26-6	
			CN109644447				
			EP3 937 415				
			JP7038109				
			JP7332735				
			US11006461				
			US11711857				
PAN04	Panasonic	EP3 403 383		7	802.11ax	IEEE Std. 802.11ax-2021: Secs.27.1.1, 27.3.5, 27.3.6.11.1, 27.3.9, 27.3.12.1, 27.3.12.2, 27.3.12.5.3, 27.3.12.5.4; Figure 27-36, Table 27-15	
			CN108476189				
			EP3 972 213				
			EP3629537				
			JP6830200				

			US10447519			IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 27.1.1, 27.3.1, 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; Figures 27-9, 27-26, 27-27; Tables 27-7, 27-24, 27-26, 27-29
			US11245559			
			US11689406			
PAN05	Panasonic	US10805912		1	802.11ax, 802.11-2020	
			BR112017023733-4			
			CA2982754			
			CN107534502			
			CN110351063			
			CO34851			
			CO37143			
			IDP000063843			
			IDP000088060			
			JP6628112			
			JP6956356			

			JP7149654			
			KR10-2609774			
			MX372012			
			MY181052-A			
			RU2704627			
			US11589341			
			US11889529			
PAN06	Panasonic	US10862635		9	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 9.4.1.64, 9.4.1.65, 9.6.31.2, 26.7.1, 26.7.2, 26.7.3, 27.3.1.1; Figures 9-144a, 26-7, 26-8; Table 9-91a, 9-91b, 9-526b
			CN107852617			
			JP7312972			
			US11677517			
PAN07	Panasonic	CN108370545		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.1; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.1, 26.5.2.2.1, 26.5.2.2.4; Figures 9-64a, 9-64d; Table 9-29j
			JP6857852			
			JP7065453			



			JP7304550			
			US10568044			
			US11026185			
			US11765665			
PAN08	Panasonic	EP3 370 470		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 9.1; IEEE Std. 802.11ax-2021: Secs 3.2, 9.3.1.22.1, 26.5.2.3.1; Figures 9-64a, 9-64d; Table 9-29h
			CN108029147			
			IDP000073492			
			IN377270			
			JP6735477			
			JP6909970			
			JP7236678			
			MX380482			
			NGF/P/2018/000081			
			RU2713599			
			SG11201803165V			

			US10708954			
			US11109421			
			US11564261			
			VN33819			
PAN09	Panasonic	EP3 536 120		1	802.11ax, 802.11-2020	IEEE Std 802.11-2020: Secs. 3.1; IEEE Std 802.11ax-2021: Secs. 10.3.2.4, 26.1, 26.2.4, 26.5.2, 26.5.2.1, 26.5.2.5, 27.3.20.6.5
					CN109644519	
					JP7083824	
					JP7350132	
					US11533755	
PAN10	Panasonic	JP6967021		1	802.11ax	IEEE Std. 802.11ax-2021: Secs 9.4.2.248.3, 26.11.1. 27.3.2.2, 27.3.4, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.11.8.5; Figures 27-9, 27-26, 27-27, 27-28; Tables 9-322b, 27-7, 27-24, 27-26, 27-28, 27-29
					US11057172	
					US11784767	
PAN11	Panasonic	US11071140		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1, 9.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.2.4, 26.5.4.2, 26.5.7.3; Figures 9-64a, 9-64d, 9-64f, 26-4; Table 9-29h
					CN115499796	

			JP7075392			
			JP7265065			
			US11696324			
PAN12	Panasonic	US11228409		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1, 9.2.4.1.3; Figure 4-2; Table 9-1; IEEE Std. 802.11ax-2021: Secs. 3.4, 4.3.15a, 9.3.1.22.1, 9.3.1.22.2, 9.3.1.22.4, 9.3.1.22.9, 26.5.7.1, 26.5.7.3, 26.5.7.4, 26.8.2, 27.3.2.2; Figures 9-64a, 9-64b, 9-64l, 26-9; Tables 9-29c, 9-29k
			JP7086925			
			JP7394920			
			KR10-2412704			
			US11743002			
			US11882065			
PAN13	Panasonic	JP6968059		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.1, 26.10.1, 26.10.3.1, 26.10.3.2, 26.10.3.4, 27.3.11.7.2; Figures 9-64a, 9-64b, 9-64c, 9-64d, 26-13; Tables 9-29j, 27-23
			CN109076604			
			US11 405 957			
			US11751247			
PAN14	Panasonic	US11595099		1	802.11ax	IEEE 802.11ax-2021: Secs. 27.1.1, 27.3.1, 27.3.4, 27.3.11.7.1, 27.3.11.7.2, 27.3.12.9, 27.5.1, 27.5.2; Figures 27-8, 27-10; Tables 27-18, 27-55, 27-56, 27-57

PAN15	Panasonic	US11570816		1	802.11-2020, 802.11ax	IEEE 802.11-2020: Secs. 9.1, 11.3.1, 11.3.3; IEEE 802.11ax-2021: Sec. 4.3.15a, 9.3.1.22.1, 26.5.4.1; Figures 9-64a, 9-64d, 9-64f; Table 9-29h	
PAN16	Panasonic	JP4663369		1	802.11ax	IEEE 802.11ax-2021: Secs. 3.1, 26.5.1.1, 27.1.1, 27.3.4, 27.3.6.11.4, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.4, 27.3.12.14, Figure 27-9, 27-26; Table 27-30	
PAN17	Panasonic	US11652676		1	802.11ax	IEEE 802.11ax-2021: Secs. 27.3.1.2, 27.3.2.2, 27.3.10, 27.3.11.8.3, 27.3.12.13, 27.3.12.14; Figures 27-4, 27-5, 27-23; Tables 27-7, 27-24, 27-37	
PAN18	Panasonic	US11722349		1	802.11ax	IEEE 802.11ax-2021: Secs. 27.1.4, 27.3.1.1, 27.3.4, 27.3.6.1, 27.3.6.6, 27.3.11.7.4, 27.3.22; Figures 27-8, 27-9, 27-10, 27-11, 27-25, 27-62; Table 27-11	
PHI01	Philips	US8331878		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.: 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1; IEEE 802.11ax: Secs.: 3.1, 3.2, 4.3.15a, 27.3.1.1, 27.3.3, 27.3.3.1, 27.3.3.1.1, 27.3.3.1.2, 27.3, 27.3.1, 27.3.1.1, 27.3.4, 27.3.11.8, 27.3.11.8.2, 27.3.11.8.4, 27.3.5, 27.3.6, 27.3.6.1, 27.3.6.7, 27.3.11.8, 27.3.11.8.1, 27.3.11.8.2	
			CN101523756				
			EP2 074 708				
			IN303934				
			KR10-1483665				
			TWI436608				
PHI02	Philips	US9497744		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.: 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1; IEEE 802.11ax: Secs.: 3.1, 3.2, 4.3.15a, 27.3.1.1, 27.3.3, 27.3.3.1, 27.3.3.1.1, 27.3.3.1.2, 27.3, 27.3.1, 27.3.1.1, 27.3.3, 27.3.3.1,	
			CN101960899				

			EP2 263 407			27.3.3.1.1, 27.3.4, 27.3.11.8, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 26.11, 26.11.1, 27.3.2.5, 27.3.5, 27.3.11, 27.3.11.1
			JP5503561			
			KR10-1594545			
			KR10-1630868			
			TWI471043			
PHI03	Philips	CN102823177		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 3.1, 9.4.1.64, 9.6.31.2, 26.7, 26.7.1, 27.3.1.1; Tables 9-87, 9-91a
			JP5872538			
			RU2574854			
			TWI549446			
			US8995497			
			US9438327			
PHI04	Philips	US7826556		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.: 1.1, 1.2, 3.1, 17.3.5.7, 17.3.5.8, 21.3.8.3, 21.3.8.3.1, 21.3.8.3.2 20.3.10.8, 21.3.10.6, 21.3.10.8, 21.3.10.9, 21.3.10.9.1; IEEE Std. 802.11ax-2021: 3.1, 27, 27.1, 27.1.1, 27.1.4, 27.2.2, 27.2.6.2, 27.3, 27.3.1, 27.3.1.1, 27.3.5, 27.3.11.2, 27.3.11.2.2 27.3.12, 27.3.12.1, 27.3.12.6, 27.3.12.8, 27.3.12.9
			IN264508			

PHI05	Philips	US10348613		10	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3.1, 4.3.5.1, 5.1.5, 19.3.12, 9.1, 9.3.1.8.1, 9.3.1.8.2, 9.3.3, 9.3.3.1, 9.3.12.1, 10.3.2.11, 10.25.6.2, B.4.4.2, Figure 4.2, 9-7, 19-14; IEEE Std. 802.11ax-2021: Secs. 3.2, 8.3.5.16, 8.3.5.16.1, 8.3.5.16.4, 9.4.6, 9.4.6.1, 9.4.6.3a, 9.2.4.6a.1, 9.2.4.6a.2, 9.3.1.8.7, 9.4.1.53, 26.4.4.5, 26.9.1, 27.1, 27.1.1, 27.3.4, 27.3.5, 27.3.11, 27.3.11.1, 27.3.15.2, Figures 9-19a, 9-19b, 9-22b, 27-17; Tables: 9-22a, 9-80
PHI06	Philips	US10686553		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.2, 4.3, 4.3.1, 4.3.5, 4.3.5.1 Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 4.3.15a, 9.2.4.6.1, 9.2.4.6.3a, 9.2.4.6a.3, 9.4.2.199, 10.47, 10.47.1, 26.8, 26.8.1, 26.8.2, 26.13, 27.3.7, 27.3.11.8, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.4; Figures 9-686, 9-687, 9-687a, 9-688, 9-19a, 9-19b, 9-22c, 26-9, 27-26; Tables 9-13b, 9-22a, 9-24c, 9-297, 26-5, 27-28
			IN284270			
PHI07	Philips	US8527855		1	802.11ax, 802.11-2020	IEEE Std. 802.11ax-2021: Secs. 3.1, 27, 27.1, 27.1.1, 27.3, 27.3.1, 27.3.1.1, 27.3.5, 27.3.6.9, 27.3.6.9.10, 27.3.6.11, 27.3.10, 27.3.11.10, 27.3.12.5.1, 27.3.12.6, 27.3.12.8, 27.3.12.9, 27.3.12.12, 27.3.12.14; Figure 27-17; Table(s) 27-35; IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3, 4.3.1, 3.4, 9.3.11.11.2, 17.3.5.6, 17.3.5.7, 17.3.5.8, 21.3.10.6, 21.3.10.8, 21.3.10.9, 21.3.10.9.1; Figure 4-1; Table(s) 21-17, 21-20
PHI08	Philips	US8665769		1	802.11ax, 802.11-2020	IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 4.3.15a, 26.11.1, 27.3.1.1, 27.3.4, 27.3.6.7, 27.3.11.7, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.16, 27.3.16.1, 27.3.22; Figures 27-9, 27-26, 27-27, 27-61, 27-63; Tables 27-20, 27-26, 27-27, 27-29, 27-30; IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1, 19.3.12, 19.3.12.1; Figures 4-1, 4-2, 19-14
			CN102017448			
			EP2 274 836			
			IN356124			

			JP5658658			
			KR10-1545003			
			TWI467949			
PHI09	Philips	US8495230		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.2, 3.4, 4.3.1, 4.3.5.1, 4.3.17, 9.4.2.199, 10.47.3, 10.47.4, 11.1.1; Figures 4-1, 4-2, 9-686; IEEE Std. 802.11ax-2021: Secs. 3.2, 4.3.15a, 9.4.2.199, 26.2.1, 26.2.6.1, 26.8.1, 26.8.3.1, 26.8.3.2; Figures 9-687a, 9-687b, 9-688a, 26-1, 26-10; Table 9-297a
			AU2004218747			
			CA2518635			
			CN100385870			
			EP1 604 491			
			IN239279			
			KR10-1166235			
			MX265066			
			RU2355130			
			UA91959			
		ZA2005/07293				

PHI10	Philips	US7519032		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.2, 4.3, 4.3.1, 4.3.5, 4.3.5.1, 10.2, 10.2.1; Figures 4-2; IEEE 802.11ax-2021: Secs. 4.3.15a, 9.4.2.199, 10.2, 10.2.1, 10.47, 10.47.1, 26.8, 26.8.1, 26.8.2; Figures 9-686, 9-687, 9-687a, 9-688, 10-1, 26-9; Tables 9-297, 26-5
PHI11	Philips	KR10-1340907		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.1.22.1, 26.5.2.3.1, 26.5.4.3, 26.5.5; Figures 9-64a, 9-64d, 26-6; Table 9-29h
			US8488453			
PHI12	Philips	EP1762020		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 3.1, 3.2, 17.3.4.1, 17.3.4.2, 17.3.4.3; Figure 17-5; Table 17-6; IEEE 802.11ax-2021: Secs. 4.3.15a, 10.3.2.13.2, 10.3.2.13.3, 10.23.2.5, 27.3.1, 27.3.4, 27.3.5, 27.3.6, 27.3.6.1, 27.3.6.2, 27.3.6.4, 27.3.6.5, 27.3.6.6, 27.3.10, 27.3.11.1, 27.3.11.5; Figures 10-14a, 10-14d, 27-8, 27-9, 27-23; Table 27-11
			AR49919			
			BRPI0512066			
			CA2570269			
			CN1969480			
			IDP000023383			
			IN258214			
			JP4679578			
			KR10-1170404			
			MX268736			



			MY139940A				
			RU2372721				
			TWI393384				
			UA91506				
			US8289942				
			ZA200700431				
PHI13	Philips	CN101978765		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 4.3.1, 4.3.5.1; Figures 4-1, 4-2; IEEE 802.11ax-2021: Secs. 9.2.4.5.6, 10.8, 26.5.4.3, 26.5.5; Figure 26-6; Table 10-11a	
PHI14	Philips	TWI459771		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 21.3.10.8; IEEE 802.11ax-2021: Secs. 26.7, 27.3.5, 27.3.6.10, 27.3.6.10.1, 27.3.12.6, 27.3.12.8, 27.3.12.9, 27.3.16; Table 27-15	
WIL01	Wilus/SK Telecom	US9813210		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 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; Figures 27-8, 27-9, 27-10, 27-11, 27-23, 27-54, 27-55, 27-56, 27-57; Tables 27-11, 27-12	
			CN106664283				
			CN111711591				
			CN111711592				
			IN459710				

			KR10-1632894			
			KR10-2131654			
			KR10-2333023			
			US10256958			
			US10911196			
			US11552760			
WIL02	Wilus/SK Telecom	US10313077		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 1.5, 4.2.2, 4.3.5.1, 10.27.4, 17.3.4.1; Figures 4-2, 17-5; IEEE Std. 802.11ax-2021: Secs. 27.1.1, 27.3.4, 27.3.9, 27.3.10, 27.3.11.5, 27.3.13, 27.3.22; Figures 27-8, 27-9, 27-10, 27-11, 27-23, 27-63; Tables 27-11, 27-12
			CN107735994			
			CN112491517			
			CN112491518			
			IN476011			
			KR10-2178131			
			KR10-2231306			
			KR10-2231309			
			US10651992			

			US11128421			
			US11700084			
WIL03	Wilus/SK Telecom	US10554370		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figures 4-2; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.7.3, 10.2.4a, 10.3.2.13.2, 26.5.2.2.1; Figures 9-64a, 9-64d, 10-14a; Tables 9- 534a, 9-534b, 9-534c, 9-534d
			CN107925514			
			CN112787792			
			CN112787793			
			KR10-2183477			
			KR10-2249866			
			KR10-2411783			
			US11018836			
			US11637679			
WIL04	Wilus/SK Telecom	EP3 367 743		1	802.11ax	IEEE Std. 802.11-2020: Secs. 9.2.4.3.4, 9.2.4.3.7, 9.2.4.3.8; IEEE Std. 802.11ax-2021: Secs. 26.2.2, 26.10.1
			CN108141889			
			EP3866550			

			IN441240			
			JP6568315			
			JP6813635			
			JP7136876			
			KR10-2173322			
			KR10-2305933			
			KR10-2306040			
			US10785795			
			US11375537			
			US11375538			
WIL05	Wilus/SK Telecom	US10764924		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1, 10.23.2.4; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.3.1.22.1, 26.5.2.3.3, 26.10.1, 26.10.3.1, 26.10.3.2, 26.10.3.4, 26.10.4, 27.3.20.6.3; Figures 26-13
			CN108353425			
			KR10-2371753			
			KR10-2464053			
			KR10-2464059			

			US11330628			
			US11330629			
			US11743943			
WIL06	Wilus/SK Telecom	US10616819		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 11.10.14, 26.2.2, 26.14.1
			CN108370585			
			CN114585071			
			IN427084			
			KR10-2163572			
			KR10-2268908			
			KR10-2268912			
			US11122495			
			US11122496			
			US11696214			
WIL07	Wilus/SK Telecom	US11129163		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 9.4.2.249, 26.2.2, 26.17.3.1, 26.17.3.3; Figure 9-788j

			CN109156033			
			IN424077			
			KR10-2342150			
			KR10-2425184			
			KR10-2445925			
			US11700597			
WIL08	Wilus/SK Telecom	EP3 439 417		1	802.11ax, 802.11-2020	IEEE P802.11-2020 Secs.: 10.19, 21.3.8.3, 21.3.8.3.1, 21.3.8.3.3; IEEE P802.11ax-2021 Secs: 26.2.2, 9.4.2.249, 26.17.4
			CN109156038			
			EP3852480			
			IN392250			
			JP6672525			
			JP6987909			
			JP7005665			
			KR10-2128284			
			KR10-2239511			

			KR10-2239514			
			US10631335			
			US11272537			
			US11324039			
			VN10037943			
WIL09	Wilus/SK Telecom	US10623964		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 26.5.2.1, 26.5.2.3.1, 26.10.1, 26.10.3.1, 26.10.3.2, 27.1.1, 27.3.11.7.1, 27.3.11.7.2; Table 27-21
			CN109076614			
			IN492473			
			KR10-2128286			
			KR10-2164966			
			KR10-2239519			
			US11140556			
			US11153759			
			US11871241			

WIL10	Wilus/SK Telecom	US10659196		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.2.4.6a.1, 10.3.2.13.2, 26.5.2.1, 26.5.2.3.4, 26.11.6, 27.3.11.7.1, 27.3.11.7.2; Figures 9- 22a, 10-14a; Table 27-23
			CN108886712			
			IN420839			
			KR10-2134147			
			KR10-2346684			
			KR10-2353831			
			US11196513			
			US11258543			
			US11784755			
WIL11	Wilus/SK Telecom	CN109075907		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.8.7, 26.4.1, 26.4.2; Table 9-28b
			CN113572579			
			CN113572580			
			CN113572581			
			IN479124			
			KR10-2450270			



			KR10-2549018			
			KR10-2549027			
			US11540169			
WIL12	Wilus/SK Telecom	US10880924		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.1, 9.3.1.22.1, 26.5.2.5, 26.5.4.1, 26.5.4.3, 26.5.7.3; Figures 9-64a, 9-64b, 9-64d, 26-6; Tables 9-29c, 9-29i
WIL13	Wilus/SK Telecom	KR10-2371756		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 4.2.2; IEEE Std. 802.11ax-2021: Secs.26.6.3.1
			CN109314882			
			KR10-2411787			
			KR10-2415048			
WIL14	Wilus/SK Telecom	US10873973		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2 ; IEEE Std. 802.11ax-2021: Secs. 9.2.4.3.4, 9.2.4.3.7, 9.2.4.3.8, 26.2.2, 26.2.4, 27.3.1; Figure 26-6
			KR10-2344180			
			KR10-2390641			
			KR10-2442356			
			US11483865			

			US11503636			
			US11832304			
WIL15	Wilus/SK Telecom	US10491355		1	802.11-2020, 802.11ax	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2 ; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.3.1.22.2, 26.5.2.1, 26.5.2.2.4, 26.5.2.4; Figures 9-64a, 9-64d, 9-64g; Table 26-2
			CN109417817			
			EP3 484 229			
			IN471763			
			JP6740447			
			JP7091395			
			JP7091396			
			KR10-2072326			
			KR10-2157470			
			KR10-2190240			
			US11095416			
			US11405161			

			US11804941				
WIL16	Wilus/SK Telecom	EP3 512 289		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 10.3.3, 10.23.2.4; IEEE 802.11ax-2021: Secs. 9.4.2.251, 26.2.7, 26.5.2.3	
					CN109792776		
					IN460512		
					JP7076452		
					KR10-2407199		
					KR10-2442012		
					KR10-2442014		
					US11116035		
					US11516879		
					US11523464		
					US11825558		
WIL17	Wilus/SK Telecom	US10966251		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 9.2.4.6a.2, 10.2.3.2, 26.2.7; Table 9-24b	
					CN109792779		

			KR10-2324941			
			KR10-2371750			
			KR10-2445912			
			US11528747			
			US11716759			
WIL18	Wilus/SK Telecom	CN109923927		1	802.11ax	IEEE 802.11ax-2021: Secs. 9.3.22.1, 26.2.4, 26.5.2.3.2
WIL19	Wilus/SK Telecom	US10931396		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1, 9.7.1, 9.7.3, 9.2.4.5.1, 26.6.2.3; Figures 4-2, 9-971, 9-973; Table 9-11; IEEE Std. 802.11ax-2021: Secs. 9.7.1, 26.4.4.1, 26.4.4.2, 26.5.2.4; Table 9-527
			CN110089148			
			IN491433			
			JP6874139			
			JP7242746			
			KR10-2262155			
			KR10-2353826			
			KR10-2432953			
			US11664926			

			US11764896			
			VN38395			
WIL20	Wilus/SK Telecom	US10536979		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 1.4, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 26.5.4.1, 26.5.4.2, 26.5.4.3, 27.3.2.2; Figure 26-6
			CN110115093			
			EP3 565 365			
			IN492548			
			IN507478			
			JP6746805			
			JP7055177			
			JP7102471			
			KR10-2173329			
			KR10-2229580			
			KR10-2229583			
			US10904927			
		US11368987				

			US11765768				
WIL21	Wilus/SK Telecom	US10567047		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 4.2.2, 4.3.5.1; Figure 4-2; IEEE Std. 802.11ax-2021: Secs. 3.2, 27.3.4, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.4; Figures 27-8, 27-9; Tables 27-20, 27-28	
					CN110140374		
					EP3567911		
					JP7009484		
					JP7322203		
					JP7408699		
					KR10-2082093		
					KR10-2259020		
					KR10-2259024		
					US11159210		
					US11171695		
					US11784684		

WIL22	Wilus/SK Telecom	US11284475		1	802.11ax	IEEE 802.11ax-2021: Secs. 1.1, 1.2, 3.1, 4.2.2, 4.3.5.1, 26.5.2.3.1, 26.5.2.3.3, 26.11.4, 26.17.3.1, 26.17.3.4, 27.2.2; Table 27-1
			CN110574441			
			IN460747			
			KR10-2272813			
			KR10-2342153			
			KR10-2342161			
WIL23	Wilus/SK Telecom	US9655145		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs.: 1.1, 1.2, 3.1, 4.3, 4.3.1, 8.3.5.10, 8.3.5.10.1, 8.3.5.10.2, 8.3.5.10.3, 8.3.5.10.4, 8.3.5.12, 8.3.5.12.1, 8.3.5.12.2, 8.3.5.12.3, 8.3.5.12.4; IEEE Std. 802.11ax-2021: Secs.: 8.3.5.10, 8.3.5.10.3, 26.2.2, 26.10, 26.10.1, 26.10.2, 26.10.2.1, 26.10.2.2, 26.10.2.4, 26.11.4, 26.17.3, 26.17.3.1, 27.1, 27.1.1, 27.2.2, 27.3.20.6.3, 27.3.22; Figure: 26-11, 27-61; Table 26-11, 27-1
			CN106465424			
			CN110958716			
			CN111106886			
			IN491942			
			KR10-1617410			
			KR10-2082027			
			KR10-2082094			

			US10560965			
			US9872315			
WIL24	Wilus/SK Telecom	KR10-2249762		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 26.10.2.1, 26.10.2.2, 26.10.2.6, 26.10.2.4, 27.3.20.6.3, 27.3.22; Table 26-10
			KR10-2417162			
			KR10-2529434			
WIL25	Wilus/SK Telecom	US10506553		1	802.11ax	IEEE 802.11-2020 Secs.: 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1 Figures: 4-1, 4-2, 19-14; IEEE 802.11ax-2021 Secs. 3.1, 3.4, 4.3.15a, 9.3.1.22.1, 10.3.2.13.3, 26.5.2.1, 26.5.4.3, 27.2.2, 27.3.2.6, 27.3.4, 27.3.11.15, 27.3.12.1, 27.3.12.5.5, 27.3.12.16; Figures 9-64a, 9-64b, 10-14b, 10-14c, 10-14d, 26-6, 27-11, 27-41, 27-42; Tables 27-1, 27-11
			CN106416412			
			CN110932996			
			CN111148269			
			KR10-2102506			
			KR10-2215127			
			KR10-2216662			
			US11382067			
			US11832280			



WIL26	Wilus/SK Telecom	US10278210		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, IEEE Std. 802.11ax-2021: Secs.3.1, 3.2, 3.4, 4.3.15a, 9.3.1.22.1, 10.2.4a, 10.3.2.13.3, 26.5.2.1, 26.5.2.2.1, 26.5.2.2.4, 26.5.2.3.1, 26.5.4.1, 26.5.4.2, 27.1.1, 27.3.1.1, 27.3.21; Figures 9-64a, 9-64d, 9-64f, 10-14c, 26-4, 27-56; Table 9-29h
			CN106465418			
			CN111555845			
			CN111555846			
			IN354061			
			KR10-2054043			
			KR10-2157120			
			KR10-2218971			
			US10813139			
			US11272549			
			US11800565			
WIL27	Wilus/SK Telecom	US10313966		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 4.3.15a, 9.3.1.22.1, 26.8.3.1, 26.8.3.3, 26.14.2, 27.1.1, 27.3.2.6; Figure 26-10
			KR10-2096431			
			KR10-2218970			

			KR10-2230309			
			US10849060			
			US11523335			
			US11832176			
WIL28	Wilus/SK Telecom	US10085243		1	802.11ax, 802.11-2020	802.11-2020: Secs.: 1.1, 1.2, 3.1, 4.2.2, 9.2.4.3.3; 802.11ax-2021: Secs.: 9.2.5, 9.2.5.2, 9.3.1.22, 9.3.1.22.1, 9.3.1.22.5, 10.3, 10.3.1, 10.3.2, 10.3.2.1, 10.3.2.4, 26.2.6, 26.2.6.1, 26.2.6.2, 26.2.6.3, 27, 27.1, 27.1.1, 27.3.22; Figures 9-64a, 9-64d, 26-1, 27-61; Table 9-29h
			KR10-2117635			
			KR10-2249765			
			KR10-2309050			
			US10708890			
			US10893511			
			US11350390			
WIL29	Wilus/SK Telecom	US10327262		6	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 9.3.1.22.5, 10.3.1, 26.2.6.1, 26.2.6.2, 26.2.6.3, 26.5.2.4, 26.5.3, 27.1.1, 27.3.22; Figures 9-64a, 9-64d, 26-1, 26-5, 27-61; Table 9-29h
			KR10-2054052			
			KR10-2283162			

			KR10-2346678			
			US10750540			
			US11910436			
WIL30	Wilus/SK Telecom	US9763268		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3.1, 8.3.5.10.1, 8.3.5.10.2, 8.3.5.10.3, 8.3.5.10.4, 17.3.4.1; Figure 17-5; IEEE Std. 802.11ax-2021: Secs. 3.4, 6.5.6.2, 8.3.5.10.3, 9.4.2.249, 26.2.2, 26.10.1, 26.10.2.1, 26.10.2.2, 26.11.4, 26.17.3.1, 27.1.1, 27.2.2, 27.3.11.5, 27.3.12.1, 27.3.13, 27.3.22, 27.4.3; Figures 9-788h, 9-788j, 27-59, 27-61; Table 27-1
			CN106797662			
			CN112492702			
			IN458960			
			JP6368035			
			JP6535403			
			JP7007329			
			KR10-2054053			
			KR10-2054117			
			KR10-2082095			
		US10575332				

			US9918343				
WIL31	Wilus/SK Telecom	US10917189		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE 802.11ax-2021: Secs. 3.1, 3.4, 9.2.4.6a, 9.2.4.6a.6, 9.3.1.22, 9.3.1.22.1, 10.2.4a, 26.5.2.1, 26.5.2.2.2, 26.5.2.3, 26.5.2.3.1, 26.5.2.3.3, 26.5.6, 27.3.1.1; Figure 9-22g; Tables: 9-29c, 9-29i	
					CN107079481		
					CN112714501		
					CN112714502		
					CN112714503		
					KR10-2437919		
					KR10-2592396		
					US11515957		
					US11515958		
					US11824630		
WIL32	Wilus/SK Telecom	US10772109		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 9.7.1; Figures 9-971, 9-972; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.7.1, 10.12.6, 26.5.1.1, 26.6.2.1, 26.6.2.2, 26.14.1, 27.1.1, 27.3.22, Figure 27-61	
					KR10-2344188		
					KR10-2464370		

			KR10-2464381			
			US11284411			
			US11477799			
			US11800510			
WIL33	Wilus/SK Telecom	KR10-2268844		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 9.3.1.8.1; Figure 9-41; IEEE 802.11ax-2021: Secs. 9.3.1.8.1, 9.3.1.8.2, 9.3.1.8.7, 10.3.2.13.3, 26.1, 27.1.1; Figures 9-42, 9-43, 9-47c; Tables 9-28, 9-28a, 9-28c
			KR10-2311278			
			KR10-2349914			
			US10 820 233			
			US11470506			
			US11653261			
WIL34	Wilus/SK Telecom	IN418026		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Sec. 3.1; IEEE 802.11ax-2021: Secs. 3.2, 27.3.2.5, 27.3.4, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.1, 27.3.22; Figure 27-9; Tables 27-20, 27-26
WIL35	Wilus/SK Telecom	US10484222		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 4.3.15a, 26.5.1.2, 26.11.1, 27.3.4, 27.3.1.1, 27.3.1.2, 27.3.3.1.1, 27.3.3.1.2, 27.3.10, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.22; Figures 27-9, 27-23, 27-26, 27-61 ; Tables 27-24, 27-28, 27-29
			KR10-2130456			

			KR10-2367779			
			KR10-2433612			
			US11012276			
			US11736328			
WIL36	Wilus/SK Telecom	US10588149		6	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1. 1.2, 3.1, 4.2.2, 9.1, 9.2.4.1.3; IEEE Std. 802.11ax-2021: Secs. 8.3.4.4, 9.2.4.1.3, 9.3.1.22.1, 9.3.1.22.5, 10.3.1, 26.2.6.1, 26.2.6.2, 26.2.6.3, 27.1.1, 27.3.22; Figures 9-64a, 9-64b, 9-64d, 9-64j, 26-1, 27-61, Table 9-1, 9-29c, 9-29d, 9-29h
			KR10-2163485			
			KR10-2283170			
			KR10-2283173			
			US11051340			
			US11516849			
			US11864233			
WIL37	Wilus/SK Telecom	US10667292		1	802.11ax, 802.11-2020	802.11-2020 Secs.: 1.1, 1.2, 3.1, 4.2.2; 802.11ax-2021: Secs.: 3.1, 3.2, 27.3.4, 27.3.11, 27.3.11.1, 27.3.11.8, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.22; Figures 27-9, 27-27, 27-61; Tables: 27-24, 27-26
WIL38	Wilus/SK Telecom	US10321457		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 9.1, 9.2.4.1.3, 10.3.2.3.1; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.2.4.1.3,

			KR10-2104274			9.3.1.22.1, 10.2.4a, 10.3.2.3.3, 10.3.2.13.3, 26.1, 26.5.2.5, 26.5.2.3.1, 27.1.1, 27.3.22; Figure 9-64a, 9-64b, 10-14b, 27-61; Table 9-1
			KR10-2178127			
			KR10-2188792			
			US11102778			
			US11647489			
WIL39	Wilus/SK Telecom	US10701732		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 8.3.5.10.1, 8.3.5.10.2, 8.3.5.10.3, 8.3.5.10.4, 10.3.4.3; Figures 10-17; IEEE Std. 802.11ax-2021: Secs. 9.4.2.249, 10.2.1, 26.2.2, 26.10.2.1, 26.10.2.2, 26.10.2.4, 26.10.2.5, 26.11.4, 26.17.3.1, 27.1.1, 27.3.20.6.3, 27.3.22; Figures 9-778h, 9-788j, 10-1, 26-11, 26-12, 27-61; Table 26-11
			CN107006038			
			CN112616193			
			IN400531			
			KR10-2309047			
			KR10-2427862			
			KR10-2442355			
			US11317441			
			US11375544			
		US11812471				

WIL40	Wilus/SK Telecom	US10582520		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.4, 4.3.1, 4.3.5.1, 9.2.1, 9.2.3, 9.4.2.28; Figure 9-2; Figures 4-1, 4-2; Table 9-154; IEEE Std. 802.11ax-2021: Secs. 3.4, 9.2.4.6.1, 9.2.4.6a.4, 9.2.4.6.3a, 26.5.5; Figures 9-19a, 9-19b, 9-22e; Tables 9-22a, 9-24d, 9-24e
			KR10-2129283			
			KR10-2167924			
			KR10-2278750			
			US11006434			
			US11363613			
			US11737079			
WIL41	Wilus/SK Telecom	IN427794		8	802.11ax	IEEE 802.11ax-2021: Secs. 27.3.1.2, 27.3.4, 27.3.11.9, 27.3.11.10; Fig. 27-9
WIL42	Wilus/SK Telecom	US11140718		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1; Fig. 4-1, 4-2, 19-14; IEEE 802.11ax-2021: 802.11ax-2021: Secs. 3.1, 3.4, 4.3.15a 9.3.1.22.1, 26.5.2.1, 26.5.2.2.2, 26.5.4.1, 26.5.4.2, 26.5.4.3, 27.1.1, 27.3.1, 27.3.1.2, 27.3.2.1, 27.3.2.6, 27.3.5; Figures 9-64a, 9-64b, 9-64d, 26-6, 27-4, 27-15, 27-16, 27-17, 27-18, 27-19; Tables: 9-29c, 9-29h
			US10477589			
			US11818763			
WIL43	Wilus/SK Telecom	US10411870		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 4.3.15a, 27.1.1, 27.3.1.1, 27.3.2.5, 27.3.3.1.1, 27.3.3.1.2, 27.3.4, 27.3.11.1, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.8.1,
			CN107251472			



			CN111970098			27.3.11.8.2, 27.3.11.8.3, 27.3.21; Figures 27-9, 27-26, 27-56; Tables 27-11, 27-20, 27-24	
			CN111970099				
			IN502493				
			KR10-2054054				
			KR10-2296339				
			KR10-2468398				
			US11153058				
			US11777693				
WIL44	Wilus/SK Telecom	US10305638		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.3.1, 4.3.5.1, 9.2.4.8; Figures 4-1, 4-2, 19-14; IEEE Std. 802.11ax-2021: Secs. 3.1, 4.3.15a, 9.3.1.22.1, 9.3.1.22.6, 26.5.2.1, 26.5.2.2.2, 26.5.2.2.3, 26.5.5, 27.1.1, 27.3.5, 27.3.6.7, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.4; Figures 9-64a, 9-64b, 9-64d, 27-11, 27-15, 27-16, 27-17, 27-18, 27-19, 27-26, 27-27; Tables 9-29c, 9-29h, 27-11, 27-27, 27-29, 27-30	
					US10911186		
					US11716171		
WIL45	Wilus/SK Telecom	US10666405		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 3.1, 9.4.2.248.3, 10.2.4a, 26.5.2.3.3, 27.1.1, 27.3.1.1, 27.3.4, 27.3.10, 27.3.11.1, 27.3.11.9, 27.3.11.10, 27.3.15.1, 27.3.21; Figures 27-11, 27-23, 27-57; Tables 9-322b, 27-15	
					CN107534973		
					IN383714		

			KR10-2231307			
			KR10-2367773			
			KR10-2433616			
			US11283570			
			US11290233			
			US11722277			
WIL46	Wilus/SK Telecom	US10412621		1	802.11ax, 802.11-2020	IEEE 802.11-2020: Secs.: 1.1, 1.2, 3.1, 4.3, 4.3.1, 4.3.5, 4.3.5.1, 9.2.1, 9.2.3, 9.2.4.1.1, 9.2.4.1.3, 9.2.4.5.1; Figures 4-1, 4-2, 9-2, 19-14; Tables 9-1, 9-10; IEEE 802.11ax-2021: Secs.: 9.2.4.5.6, 26.5.2.1, 26.5.5, 27.1.1, 27.3.5, 27.3.20.1; Table: 9-13a
			CN107624236			
			CN112217758			
			CN112217759			
			KR10-2231308			
			KR10-2363476			
			KR10-2433614			
			US10986532			
			US11528638			

			US11838793				
WIL47	Wilus/SK Telecom	US10512108		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 3.1, 3.2, 4.3.15a, 9.3.1.8.7, 9.3.1.22.1, 10.3.2.13.3, 10.2.4a, 26.4.1, 26.4.2, 26.5.2.2.1, 26.5.4.1, 26.5.4.2, 26.5.4.3, 27.1.1, 27.3.1.1, 27.3.21; Figures 9-47a, 9-47b, 9-64a, 9-64d, 10-14c, 27-57, 26-6; Tables 9-29h	
					CN107637005		
					IN445757		
					KR10-2072283		
					KR10-2188794		
					KR10-2203133		
					US10660136		
					US11153916		
					US11784743		
WIL48	Wilus/SK Telecom	US10721175		1	802.11ax, 802.11-2020	IEEE 802.11-2020 Secs.: 1.1, 1.2, 3.1, 3.2, 4.2.2, 5.1, 5.1.1, 5.1.1.1; IEEE 802.11ax-2021 Secs. 3.2, 4.3.15a, 9.2.4.5.4, 9.3.1.22, 9.3.1.22.1, 10.3.2.13.2, 10.23.2.2, 10.23.2.7, 26.5.2.2.5, 26.5.3, 26.6.3.1, 27.3.1.1; Figures 10-14a, 10-14c, 26-5; Table 9-13	
					KR10-2297623		
					KR10-2356060		
					KR10-2390646		
					US11201830		

			US11240166			
WIL49	Wilus/SK Telecom	US11388758		6	802.11ax, 802.11-2020	IEEE 802.11-2020 Secs.: 1.1, 1.2, 3.1, 3.4, 4.3, 4.3.1, 4.3.5, 4.3.5.1, 4.5.3.1, 4.5.3.3, 6.3.7.2.1, 6.3.7.2.3, 6.3.7.2.4, 6.3.7.3.1, 6.3.7.3.2, 6.3.7.3.3, 6.3.7.3.4, 9.3.1.8.1; Figs.: 4-1, 4-2, 9-41; IEEE 802.11ax: Secs. 3.1, 3.4, 9.3.1.8.1, 9.3.1.8.7, 26.4.2, 27.1.1; Figs.: 9-42, 9-47a, 9-47b, 9-47c, 9-47d; Tables: 9-28, 9-28b
			US10932295			
			US11395349			
			US11653392			
WIL50	Wilus/SK Telecom	US10841931		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 3.2, 4.2.2, 10.3.2.3.4, 10.25.1, 10.25.8.4; IEEE Std. 802.11ax-2021: Secs. 9.3.1.22.1, 9.3.1.22.7, 10.3.2.13.2, 10.25.8.4, 26.4.5, 27.1.1, 27.3.21; Figures 9-64a, 9-64b, 9-64d, 9-64k, 10-14a, 10-37a, 27-56; Tables 9-29c, 9-29h
			US11653348			
			US11844059			
WIL51	Wilus/SK Telecom	KR10-2350994		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 3.1; IEEE Std. 802.11ax-2021: Secs. 3.2, 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; Figure 9-64a, 10-14c; Table 9-534a
			KR10-2517089			
			US11477844			
WIL52	Wilus/SK Telecom	KR10-2272713		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: 4.2.2, 17.3.4.1, Figure 17-5; IEEE Std. 802.11ax-2021: Secs. 27.3.11.1, 27.3.11.4, 27.3.11.5; Table 27-11
			KR10-2309054			

			KR10-2309057			
WIL53	Wilus/SK Telecom	US10588128		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1, 1.2, 3.1, 4.2.2, 8.3.5.13.1, 8.3.5.13.3, 10.6.6.5.2; IEEE Std. 802.11ax-2021: Secs. 9.2.5.2, 9.3.1.22.1, 9.3.1.22.5, 10.3.1, 10.3.2.4, 10.6.11, 26.2.4, 26.2.6.1, 26.2.6.2, 26.2.6.3, 27.1.1, 27.3.22; Figures 9-64a, 9-64d, 26-1, 27-61; Tables 9-29h, 10-10
			US11259298			
			US11523390			
			US11743873			
WIL54	Wilus/SK Telecom	EP3 396 925		1	802.11ax	IEEE 802.11ax: Secs.: 10.3.2.13.1, 7.3.22, 27.3.4, 27.3.11.7, 27.3.11.7.2, 27.3.11.8, 27.3.11.8.3
			CN108702375			
			CN113572574			
			EP3849157			
			JP6609067			
			JP6898412			
			KR10-2138618			
			KR10-2266148			
			KR10-2266149			

			US10687281				
			US11356947				
			US11470595				
WIL55	Wilus/SK Telecom	KR10-2349919		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 3.2, 4.2.2; IEEE Std. 802.11ax-2021: Secs. 3.2, 9.3.1.22.1, 9.4.2.251, 26.2.7; Figure 9-788p	
					KR10-2417274		
					KR10-2426759		
					US10 750 403		
					US11304094		
					US11700546		
WIL56	Wilus/SK Telecom	US11240705		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Secs. 1.1. 1.2, 3.1, 4.2.2, 9.4.1.13, 10.25.1, 10.25.2; Figure 9-96; IEEE Std. 802.11ax-2021: Secs. 9.4.2.139, 26.3.1, 27.1.1, 27.3.22; Figures 9-580, 27-61; Table 9-265a	
					CN108886710		
					EP3442258		
					IN421453		
					JP6759354		

			JP6991290			
			JP6992138			
			KR10-2349928			
			KR10-2417275			
			KR10-2425185			
			US11683718			
			US11683719			
WIL57	Wilus/SK Telecom	EP3 567 970		1	802.11ax, 802.11-2020	IEEE Std. 802.11-2020: Sec. 3; IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 10.23.2.9, 26.7.1, 26.7.2, 26.7.3; Figure 26-8; Table 9-29c
			CN110169187			
			EP3 968 728			
			IN476286			
			JP6911127			
			JP7176050			
			JP7177225			

			KR10-2173425		
			KR10-2239504		
			KR10-2239509		
			US10660139		
			US11330640		
			US11343859		
			US11737152		