



## Wi-Fi 6 Patent brochure

### Sisvel Pool Offer – updated as of March 21<sup>st</sup>, 2025

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Family Code	Patent Owner	Exemplary Member	Family Members	Claims	Technical Standard	Illustrative Standard Coverage
HUA01	Huawei	EP 2 777 236		1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 27.1.1.1, 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			
			EP (DE) 2 777 236			
			EP (DE) 3 264 705			
			EP (DE) 3 468 127			
			EP (ES) 2 777 236			
			EP (FR) 3 264 705			

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HUA02					EP (FR) 3 468 127							
					EP (GB) 2 777 236							
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					EP (IT) 2 777 236							
					EP (IT) 3 264 705							
					EP (NL) 2 777 236							
					EP (SE) 3 468 127							
					US10285091							
					US10945157							
					US9071489							
					US9713031							
		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						
						EP (DE) 3 143 741						
						EP (DE) 3 146 782						
						EP (ES) 3 143 742						
						EP (FR) 3 143 743						
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						EP (GB) 3 146 784						
						EP (IT) 3 143 745						
						EP (IT) 3 146 785						
						EP (NL) 3 143 746						
						EP (PL) 3 143 747						
						EP (SE) 3 143 748						
						EP (SE) 3 146 786						



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.	
		JP6469733				
		US10298365				
		VN29229				
			EP3 079 322			
			CN105940650			
			CN110351062			
			DE (EP) 3 079 322			
			DE (EP) 3 691 169			
			ES (EP) 3 079 322			
			ES (EP) 3 691 169			
			FR (EP) 3 079 322			
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		GB (EP) 3 691 169				
		IT (EP) 3 079 322				



			IT (EP) 3 691 169				
			JP6479827				
			JP6907251				
			KR10-1886290				
			KR10-1940794				
			KR10-1960002				
			NL (EP) 3 079 322				
			NL (EP) 3 691 169				
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			TR (EP) 3 691 169				
			US10778389				



HUA04			US11431449																		
			VN26632																		
		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																	
				DE (EP) 3 017 641																	
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				KR10-1810950																	
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			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				
			DE (EP) 3 017 615				
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			SE (EP) 3 017 615				
			US10567126				

HUA06	Huawei	EP3 454 622	US11012202						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.
			US9755795						
				1	802.11ax				
			CN107484256						
			DE (EP) 3 454 622						
			FR (EP) 3 454 622						
			GB (EP) 3 454 622						
			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, ;	
			DE (EP) 3 530 058						
			FR (EP) 3 530 058						
			GB (EP) 3 530 058						
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	

HUA09	Huawei	EP3 395 096							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



								GB (EP) 3 395 096					
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								IE (EP) 3 395 096					
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								NL (EP) 3 395 096					
								RU2695532					
								SE (EP) 3 395 096					
								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					

HUA13	Huawei	CN113014366	JP6637180							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	
HUA14	Huawei	CN108012278	CN108234093	1		802.11ax				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	CN109245806	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;	
			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, 9-64; 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			
			DE (EP) 3190716			
			DE (EP) 3512109			
			DE (EP) 3591855			
			ES (EP) 3190716			
			ES (EP) 3591855			
			FR (EP) 3190716			
			FR (EP) 3512109			



HUA20	Huawei	US11350435	FR (EP) 3591855							
			GB (EP) 3190716							
			GB (EP) 3512109							
			GB (EP) 3591855							
			IT (EP) 3190716							
			IT (EP) 3591855							
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			JP6946521							
			KR10-2024110							
			NL (EP) 3591855							
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			VN27380							
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			CN107079467							
CN111885738										

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



HUA21	Huawei	US11265832	US10728917	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			
			DE (EP) 3 193 484			
			ES (EP) 3 193 484			
			FR (EP) 3 193 484			
			GB (EP) 3 193 484			
			HU (EP) 3 193 484			
			IT (EP) 3 193 484			
			JP6457634			



HUA24	Huawei	EP3 402 111	KR10-2046826						
			NL (EP) 3 193 484						
			RU2669585						
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			TR (EP) 3 193 484						
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			CA3014366						
			CN107046460						
		DE (EP) 3 402 111							
		ES (EP) 3 402 111							
									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



HUA25					FR (EP) 3 402 111														
					GB (EP) 3 402 111														
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					JP6695435														
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					RU2696249														
					US10708029														
					US11177924														
					ZA201805897														
					EP3 678 321														
						AU2015399265													
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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.



			CN109120391				
			CN109698740				
			DE (EP) 3 678 321				
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			SG11201710537U				
			US10616895				



HUA26							US10645697						
							US10939435						
							US11425716						
	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						
							DE (EP) 3 241 300						
							DE (EP) 3522439						
							DE (EP) 3525387						
							ES (EP) 3 241 300						
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			FR (EP) 3525387									
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			KR10-2063193									
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			NL (EP) 3522439									
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			RU2669366									
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HUA27	Huawei	EP3 407 641	SE (EP) 3 241 300					
			SE (EP) 3525387					
			TR (EP) 3 241 300					
			TR (EP) 3522439					
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			1	802.11ax				
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			DE (EP) 3 407 641					
			FR (EP) 3 407 641					
		GB (EP) 3 407 641						
		IDP000071231						
		KR10-2126785						
IEEE Std. 802.11ax-2021: Secs. 9.3.1.1.22, 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 and 26-3								



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
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





HUA31	Huawei	EP3 151 459	US11310087	1	802.11ax	IEEE Std. 802.11ax-2021: Secs. 4.3.15a, 9.3.1.22.1, 10.2.3.2.8, 26.5.3, 27.3.1.2, 27.3.4; Figures 9-64a, 9-64b, 9-64d, 26-5, 27-4, 27-11, 27-56	
				DE (EP) 3 151 459			
				GB (EP) 3 151 459			
				JP6498707			
				KR10-1863713			
				NL (EP) 3 151 459			
				US10548156			
				VN28211			
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				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
	DE (EP) 3 182 777						
	ES (EP) 3 182 777						
	GB (EP) 3 182 777						
	NL (EP) 3 182 777						



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
			US10278182						
			US10925057						
			US11533725						
			CN107079020						
			DE (EP) 3200418						
			FR (EP) 3200418						
			GB (EP) 3200418						
			IDP000075191						
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			KR10-1922579						
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		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					
				DE (EP) 3 244 676				
				ES (EP) 3 244 676				
				FR (EP) 3 244 676				
				GB (EP) 3 244 676				
				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					



					DE (EP) 3 297 385					
					DE (EP) 3 661 104					
					ES (EP) 3 661 104					
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					FR (EP) 3 661 104					
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					NL (EP) 3 297 385					
					NL (EP) 3 661 104					



HUA38	Huawei	EP3 293 909	KR10-2238772							
			KR10-2308351							
			NL (EP) 3 393 145							
			US11317439							
			US11324044							
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				CN107534534						
				CN112187427						
				DE (EP) 3 293 909						
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				FR (EP) 3 293 909						
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			KR10-2078647							
			NL (EP) 3 293 909							



HUA39			SE (EP) 3 293 909					
			US10461978					
			US10951451					
				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				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					
			DE (EP) 3 496 507					
			DE (EP) 3163970					
			FR (EP) 3 496 507					
			GB (EP) 3 496 507					
			KR10-1995941					
			NL (EP) 3 496 507					
			US10341067					



HUA41	Huawei	EP3 306 975	US10855415						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
			VN10028219						
			CN107615805		1	802.11ax			
			DE (EP) 3 306 975						
			FR (EP) 3 306 975						
			GB (EP) 3 306 975						
			NL (EP) 3 306 975						
			US10784985						
			AU2015393577		1	802.11ax			
			CA2984181						
HUA42	Huawei	EP3 288 324	CN108964858					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, 9-29j, 27-7, 27-8, 27-9	
			DE (EP) 3 288 324						
			DE (EP) 3 609 265						



				ES (EP) 3 609 265					
				FR (EP) 3 288 324					
				FR (EP) 3 609 265					
				GB (EP) 3 288 324					
				GB (EP) 3 609 265					
				IT (EP) 3 288 324					
				JP6612895					
				JP6875040					
				KR10-2063192					
				KR10-2120279					
				KR10-2164280					
				MX379766					
				NL (EP) 3 288 324					
				PL (EP) 3 609 265					
				SE (EP) 3 609 265					



HUA43	Huawei	CN107535006	TR (EP) 3 609 265							
			US10425936							
			US10624085							
			US11178659							
			ZA2017/08112							
			1			802.11ax				
			AU2015396027							
			CA2987288							
			CA3091314							
			DE (EP) 3 294 036							
			ES (EP) 3 294 036							
		FR (EP) 3 294 036								
		GB (EP) 3 294 036								
		IDP000065194								
		JP6696637								
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										



HUA44	Huawei	US10819478						JP7092430								
								KR10-2193063								
									KR10-2231453							
									MX381657							
									NL (EP) 3 294 036							
									RU2669586							
									RU2689125							
									SE (EP) 3 294 036							
									US10536988							
									VN10032686							
									ZA201708149							
											1	802.11ax				
									AU2016384965							
							CA3009081									
							CN106953721									
														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		

			DE (EP) 3 389 211					
			ES (EP) 3 389 211					
			FR (EP) 3 389 211					
			GB (EP) 3 389 211					
			IDP000068205					
			IT (EP) 3 389 211					
			JP6720320					
			JP7143357					
			KR10-2215932					
			MX382829					
			NL (EP) 3 389 211					
			PL (EP) 3 389 211					
			RU2689999					
			SE (EP) 3 389 211					
			TR (EP) 3 389 211					



HUA45	Huawei	US10856210	VN10032074	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	802.11ax, 802.11-2020	1	802.11ax, 802.11-2020
			CN107078790			
			IDP000078154			
			IN351274			
			JP6839225			
			JP6856524			
			JP7066023			



HUA47				KR10-1970082							
				US11223973							
				VN10027384							
		Huawei	CN105830516			1		802.11-2020, 802.11ax			
				DE (EP) 3 014 941							
				ES (EP) 3 014 941							
				FR (EP) 3 014 941							
				GB (EP) 3 014 941							
				IT (EP) 3 014 941							
				JP7074624							
				KR10-1849212							
			NL (EP) 3 014 941								
			US10440715								
			US10893524								
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											



HUA48	Huawei	CN107852769	US9936502	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				
			BE (EP) 3611989				
			CN106487489				
			CN108199820				
			CN108200000				
			CN109412774				
			DE (EP) 3 337 077				
			DE (EP) 3606255				
			DE (EP) 3611989				
		DK (EP) 3611989					
		ES (EP) 3 337 077					



			ES (EP) 3606255						
			FI (EP) 3611989						
			FR (EP) 3 337 077						
			FR (EP) 3611989						
			GB (EP) 3 337 077						
			GB (EP) 3606255						
			GB (EP) 3611989						
			IN365176						
			IT (EP) 3 337 077						
			IT (EP) 3611989						
			JP6657381						
			JP7051914						
			KR10-2134352						
			KR10-2243422						
			MX381603						



HUA50	Huawei	EP3 355 595	NL (EP) 3 337 077					
			PL (EP) 3 337 077					
			SE (EP) 3 337 077					
			SE (EP) 3611989					
			TR (EP) 3 337 077					
			US10615936					
			US10944531					
				1	802.11ax, 802.11-2020			
			CN106604203					
			DE (EP) 3 355 595					
			FR (EP) 3 355 595					
			GB (EP) 3 355 595					
			IT (EP) 3 355 595					
JP6786596								

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.

HUA51				KR10-2096939						
				KR10-2137074						
				US10499336						
				US11082923						
				VN10030018						
		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
HUA52				CN106879070						
				DE (EP) 3 379 873						
				FR (EP) 3 379 873						
				GB (EP) 3 379 873						
				US10616384						
		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, 27.3.2.1; 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			
			DE (EP) 3 172 937			
			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			
			DE (EP) 3 413 661			
			ES (EP) 3 413 661			
			FR (EP) 3 413 661			
	GB (EP) 3 413 661					



HUA55	Huawei	CN106685578	IDP000066652	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
			IT (EP) 3 413 661			
			JP6705009			
			JP6907382			
			KR10-2181737			
			MX393859			
			NL (EP) 3 413 661			
			PL (EP) 3 413 661			
			RU2711509			
			SE (EP) 3 413 661			
			TR (EP) 3 413 661			
			VN10031260			
			ZA201805602			



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 and 27-4	
			CN107211323				
			GB (EP) 3 248 410				
			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				
			DE (EP) 2 706 802				
			DE (EP) 2999291				
		ES (EP) 2 706 802					



			FI (EP) 2 706 802							
			FR (EP) 2 706 802							
			FR (EP) 2999291							
			GB (EP) 2 706 802							
			GB (EP) 2999291							
			IN374221							
			IT (EP) 2999291							
			KR10-1540372							
			MY179124-A							
			NL (EP) 2 706 802							
			PT (EP) 2999291							
			RU2547137							
			SE (EP) 2 706 802							



HUA61	Huawei	CN107580333	US9655136	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			
			DE (EP) 2978273			
			DE (EP) 3 386 262			
			ES (EP) 3 386 262			
			FR (EP) 2978273			
			GB (EP) 2978273			
			GB (EP) 3 386 262			
			IT (EP) 3 386 262			
			NL (EP) 3 386 262			
HUA62	Huawei	EP3 035 767	US10959266	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			



HUA63	Huawei	CN106937357	DE (EP) 3 035 767					
			JP6177437					
			KR10-1805560					
			VN24162					
				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.		
HUA65	Huawei	CN105556914	CN106937358					
			DE (EP) 3 389 312					
			US10602542					
				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	
			DE (EP) 3 764 612					
			DE (EP) 3086521					
			ES (EP) 3 764 612					





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, 27.1.1.1, 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				
				DE (EP) 2 747 329			
				FR (EP) 2 747 329			
				GB (EP) 2 747 329			
				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				
			DE (EP) 3282660				
			DE (EP) 3675445				
			ES (EP) 3282660				



					ES (EP) 3675445		
					FR (EP) 3282660		
					FR (EP) 3675445		
					GB (EP) 3282660		
					GB (EP) 3675445		
					HU (EP) 3675445		
					IN366643		
					IT (EP) 3282660		
					IT (EP) 3675445		
					JP6616429		
					JP6965326		
					KR10-2070962		
					NL (EP) 3282660		
					NL (EP) 3675445		
					PL (EP) 3282660		



HUA69	Huawei	CN106685618	SE (EP) 3282660					
			SE (EP) 3675445					
			TR (EP) 3282660					
			US10812306					
			US10812307					
			VN27838					
				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					
			DE (EP) 3 313 012					
ES (EP) 3 313 012								



HUA71	Huawei	EP3 334 112																
					FR (EP) 3 313 012													
					GB (EP) 3 313 012													
					IT (EP) 3 313 012													
					JP6568657													
					KR10-2116361													
					SE (EP) 3 313 012													
					US10574398													
					US11075717													
					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





				PL (EP) 3 334 112					
				SE (EP) 3 334 112					
				SE (EP) 3657749					
				SG11201801055T					
				TR (EP) 3 334 112					
				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
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
			DE (EP) 3 376 815			
			FR (EP) 3 376 815			
			GB (EP) 3 376 815			
			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
			DE (EP) 3301990			
			ES (EP) 3301990			
			FR (EP) 3301990			
			GB (EP) 3301990			
			NL (EP) 3301990			
			PL (EP) 3301990			



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			
			DE (EP) 3 358 776			
			ES (EP) 3 358 776			
			FR (EP) 3 358 776			
			GB (EP) 3 358 776			
			IDP000076096			
			IT (EP) 3 358 776			
			JP6559891			
			KR10-2103308			
			MX387244			
			NL (EP) 3 358 776			
			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	
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	
				CN106922212						
				CN105900513						
				DE (EP) 3 094 150						
				ES (EP) 3 094 150						



HUA83	Huawei	CN107787048				FR (EP) 3 094 150						
						IT (EP) 3 094 150						
						NL (EP) 3 094 150						
						SE (EP) 3 094 150						
						US10149322						
						US10827527						
					1,2	802.11ax						
						IN408376						
						JP6680906						
						JP6863659						
						KR10-2225300						
						RU2712430						
						US11026259						
						ZA2018/08125						
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												



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			
			DE (EP) 3 370 378			
			DE (EP) 3681113			
			ES (EP) 3 370 378			
			ES (EP) 3681113			
			FR (EP) 3 370 378			
			FR (EP) 3681113			
			GB (EP) 3 370 378			
			GB (EP) 3681113			



			IDP000074859					
			IT (EP) 3 370 378					
			IT (EP) 3681113					
			JP6591674					
			KR10-2109509					
			KR10-2220247					
			MX389422					
			NL (EP) 3 370 378					
			NL (EP) 3681113					
			PL (EP) 3 370 378					
			RU2684640					
			SE (EP) 3 370 378					
			SE (EP) 3681113					
			TR (EP) 3 370 378					
			TR (EP) 3681113					



HUA85				US10616027									
				US10686640									
				US10999119									
				ZA2018/03521									
		Huawei	EP3 335 507			16		802.11ax					
				DE (EP) 3 335 507									
				ES (EP) 3 335 507									
				FR (EP) 3 335 507									
				GB (EP) 3 335 507									
				IT (EP) 3 335 507									
HUA86				NL (EP) 3 335 507									
				SE (EP) 3 335 507									
		Huawei	EP2 749 098		1		802.11ax						
				CH (EP) 2 749 098									
				CN104094652									
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													
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.													



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



HUA88	Huawei	EP3 694 133									
						GB (EP) 2 939 466					
						IT (EP) 2 939 466					
						NL (EP) 2 939 466					
							1	802.11ax, 802.11-2020			
						AU2017205032					
						BR112018002902					
						CA2997038					
						CN106954202					
						CN108449728					
					DE (EP) 3 694 133						
					DE (EP) 3340674						
					ES (EP) 3 694 133						
					FR (EP) 3340674						
					GB (EP) 3 694 133						
					GB (EP) 3340674						

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



HUA89	Huawei	EP3 407 518	1, 2	802.11ax	IEEE Std. 802.11ax-2021: Secs. 9.3.1.19, 26.7.1, 26.7.3; Figures 9-61a, 9-61b, 9-61d, 26-7, 26-8



			AU2017262875											
			BR112018073044											
			CA3023848											
			CN108599823											
			DE (EP) 3 407 518											
			ES (EP) 3 407 518											
			FR (EP) 3 407 518											
			GB (EP) 3 407 518											
			IDP000075547											
			IT (EP) 3 407 518											
			JP6692927											
			KR10-2209419											
			MX386114											
			NL (EP) 3 407 518											
			PL (EP) 3 407 518											



						RU2712122						
						SE (EP) 3 407 518						
						TR (EP) 3 407 518						
						US10924227						
HUA90	Huawei	EP3 241 391					802.11ax	1				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						
						DE (EP) 3 241 391						
						FR (EP) 3 241 391						
						GB (EP) 3 241 391						
						US10542557						
						US9949285						
HUA91	Huawei	CN102843755					802.11ax, 802.11-2020	1				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					802.11ax	1				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						



HUA93	Huawei	CN111212012				CA2990966							
						CN107710803							
						DE (EP) 3301963							
						FR (EP) 3301963							
						GB (EP) 3301963							
						IN365638							
						JP6549739							
						JP7105740							
						KR10-2021000							
						RU268957							
						US10439699							
						US10790891							

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
			CN107969170			
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
			DE (EP) 3393163			
			ES (EP) 3393163			

				FR (EP) 3393163					
				IT (EP) 3393163					
				NL (EP) 3393163					
				PL (EP) 3393163					
				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			
			GB (EP) 3 376 813			
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			
			DE (EP) 2 962 506			
			DE (EP) 3236691			
			FR (EP) 2 962 506			
			FR (EP) 3236691			
			GB (EP) 2 962 506			
	GB (EP) 3236691					
		US10142936				
HUA113	Huawei	CN106465168		1	802.11ax	



			US11284283				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
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	CN108476476	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
HUA121	Huawei	CN105830467	CN108617006	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.
			DE (EP) 3 017 614			
			ES (EP) 3 017 614			
			FR (EP) 3 017 614			
			GB (EP) 3 017 614			
			HU (EP) 3 017 614			
			IT (EP) 3 017 614			
			JP6775546			
			KR10-1897371			
			NL (EP) 3 017 614			
			SE (EP) 3 017 614			



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			
			DE (EP) 3 500 042			
			FR (EP) 3 500 043			
HUA124			GB (EP) 3 500 044			IEEE Std. 802.11ax-2021: Secs. 3.2, 26.10.2.4, 26.10.2.5, 27.3.15.2; Figure 26-12
	Huawei	EP3393189		1	802.11ax	
			DE (EP) 3393189			
HUA125			US10743185			IEEE 802.11ax-2021: Secs. 26.5.3, 26.2.6.1; Figures 26-2, 26-5
	Huawei	CN106686663		1	802.11ax	
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, 9.4.2.25.1, 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, 9-64j, 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, 9-64j, 27-46; Tables 27-18, 27-31, 27-32
			DE (EP) 3 404 955			
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			
			DE (EP) 3148274			
			FR (EP) 3148274			
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	
			DE (EP) 3 182 792				
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				
			DE (EP) 3 079 437				
			FR (EP) 3 079 437				
HUA136	Huawei	US11109411					
			GB (EP) 3 079 437				
				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				



					DE (EP) 2 809 110					
					FR (EP) 2 809 110					
					GB (EP) 2 809 110					
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	
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, l.1.7; Table l-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	
		DE (EP) 3 061 296							
		FR (EP) 3 061 296							

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	
	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	
			DE (EP) 3 107 346				
			FR (EP) 3 107 346				
MEL01			GB (EP) 3 107 346				
	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	
			DE (EP) 1 881 647				
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	
			AT (EP) 3 742 681				
			BE (EP) 3 742 681				
			CH (EP) 3 742 681				
			CZ (EP) 3 742 681				

			DE (EP) 3 742 681								
			ES (EP) 3 742 681								
			FR (EP) 3 742 681								
			GB (EP) 3 742 681								
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			MC (EP) 3 742 681								
			NL (EP) 3 742 681								
			PL (EP) 3 742 681								
			PT (EP) 3 742 681								
			RO (EP) 3 742 681								
			SE (EP) 3 742 681								



PAN01	Panasonic	US10582542	TR (EP) 3 742 681	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
			CA3010259			
			CN115065447			
			CN115065448			
			CN115085884			
			CO38072			
			DE (EP) 3 664 566			
			ES (EP) 3 664 566			
			FR (EP) 3 664 566			
			GB (EP) 3 664 566			
			IDP000079376			
			IT (EP) 3 664 566			
			JP6948622			
			JP7122702			



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

		BR112018010588-0							
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		DE (EP) 3 400 690							
		DE (EP) 3 641 171							
		DE (EP) 3913825							
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		FR (EP) 3 400 690							
		FR (EP) 3 641 171							
		GB (EP) 3 400 690							
		GB (EP) 3 641 171							
		IDP000073562							
		IN545709							
		IT (EP) 3 400 690							



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					JP6748970				
					JP6975920				
					JP7165915				
					KR10-2622832				
					KR2655025				
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					MX403447				
					NL (EP) 3 641 171				
					RU2718741				
					SE (EP) 3 400 690				
					TR (EP) 3 400 690				
					US10530621				
					US10826737				
					US11451422				



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
		US11627029			
		US11985019			
		ZA2018/04356			
		CN109644447			
		DE (EP) 3 510 820			
		DE (EP) 3 937 415			
		ES (EP) 3 510 820			
		ES (EP) 3 937 415			
		FR (EP) 3 510 820			
		FR (EP) 3 937 415			
		GB (EP) 3 510 820			
		GB (EP) 3 937 415			
		IN482709			
	IN523350				



				DE (EP) 3 972 213				
				ES (EP) 3 972 213				
				FR (EP) 3 629 537				
				FR (EP) 3 972 213				
				GB (EP) 3 403 383				
				GB (EP) 3 629 537				
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				IT (EP) 3 972 213				
				JP6830200				
				PL (EP) 3 972 213				
				US10447519				
				US11245559				
				US11689406				
				US12107713				



PAN05	Panasonic	US10805912		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, 27.3.2.2, 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
			BR112017023733-4			
			CA2982754			
			CN107534502			
			CN110351063			
			CO34851			
			CO37143			
			IDP000063843			
			IDP000088060			
			IN527525			
			IN534904			
			JP6628112			
			JP6956356			
		JP7149654				
		JP7580058				



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



PAN07	Panasonic	CN108370545	US12021766	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	802.11ax, 802.11-2020	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
			BR112018006184			
			CN108029147			
			CN113939039			
			CN113966009			
			DE (EP) 3 370 470			

			ES (EP) 3 370 470								
			FI (EP) 3 370 470								
			FR (EP) 3 370 470								
			GB (EP) 3 370 470								
			IDP000073492								
			IN377270								
			IN507801								
			IT (EP) 3 370 470								
			JP6735477								
			JP6909970								
			JP7236678								
			JP7523080								
			MX380482								
			NGF/P/2018/000081								
			NL (EP) 3 370 470								





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
			US12101812			
			US11533755			
			NL (EP) 3 866 549			
			JP7580548			
			JP7350132			
			JP7083824			
			IT (EP) 3 866 549			
			IN467931			
			GB (EP) 3 866 549			
			GB (EP) 3 536 120			
			FR (EP) 3 866 549			



PAN11	Panasonic	US11071140	US11057172									
			US11784767									
				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									
			CN115499797									
			CN115499798									
			JP7075392									
			JP7265065									
			US11696324									
			US11985698									
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,							



PAN13	Panasonic	JP6968059	JP7394920				26.8.2, 27.3.2.2; Figures 9-64a, 9-64b, 9-64l, 26-9; Tables 9-29c, 9-29k
			KR10-2412704				
			US11743002				
			US11882065				
					1	802.11ax	
				AT (EP) 3457802			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
				BE (EP) 3457802			
				BG (EP) 3457802			
				CN109076604			
				CY (EP) 3457802			
				CZ (EP) 3457802			
				DE (EP) 3457802			
			DK (EP) 3457802				
			EE (EP) 3457802				
			FI (EP) 3457802				



						FR (EP) 3457802			
						GR (EP) 3457802			
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						SE (EP) 3457802			
						SI (EP) 3457802			
						SK (EP) 3457802			



PAN14	Panasonic	US11595099	US11 405 957						
			US11751247						
			US12010725						
			DE (EP) 3456018	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			
			DE (EP) 3713178						
			FR (EP) 3456018						
			FR (EP) 3713178						
			GB (EP) 3456018						
GB (EP) 3713178									
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;			
			US11956833						
			US12052769						



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
PAN19	Panasonic	US8527827		1	802.11ax	IEEE 802.11ax-2021 Secs. 27.1.1, 27.3.1, 27.3.4, 27.3.6.6, 27.3.7, 27.3.10, 27.3.11.7.1, 27.3.11.7.2, 27.3.11.7.4, 27.3.12.5, 27.3.12.14; Fig. 27-8, 27-23; Table 27-18
PAN20	Panasonic	US8654710		3	802.11ax, 802.11-2020	IEEE 802.11-2020 Secs. 9.2.1, 9.2.4.3.1; IEEE 802.11ax-2021 Secs. 3.1, 4.3.15a, 9.2.3, 27.3.1, 27.3.3.1.2, 27.3.2.5, 27.3.4, 27.3.5, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.12.1, 27.3.16.1, 27.3.21; Figures 9-2, 27-9, 27-14, 27-16 27-19, 27-20, 27-26, 27-56; Tables 27-24, 27-26, 27-29, 27-30
			JP5455912			
PAN21	Panasonic	CN110601805		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, 27.3.11.8.2, 27.3.11.8.4, 27.3.11.8.5; Figures 27-9, 27-26, 27-29; Tables 27-11, 27-20
			CN108141304			
			CN110635886			
			DE (EP) 3832915			



PHI01	Philips	US8331878	FR (EP) 3832915						
			GB (EP) 3832915						
			IN384633						
			IN546431						
			JP6782467						
			JP6970939						
			1	802.11ax, 802.11-2020					
			CN101523756						
			DE (EP) 2 074 708						
			FR (EP) 2 074 708						
			GB (EP) 2 074 708						
			IN303934						
			KR10-1483665						
		TW1436608							

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, 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	
			CN101960899				
				DE (EP) 2 263 407			
				ES (EP) 2 263 407			
				FR (EP) 2 263 407			
				GB (EP) 2 263 407			
				IT (EP) 2 263 407			
				JP5503561			
				KR10-1594545			
				KR10-1630868			
PHI03			NL (EP) 2 263 407				
			TR (EP) 2 263 407				
			TW1471043				
	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; Table(s) 9-87, 9-91a	



PHI04			JP5872538					
			RU2574854					
			TWI549446					
			US8995497					
			US9438327					
		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
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, Figure4.2, 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-	
			IN284270					



PHI07	Philips	US8527855	1	802.11ax, 802.11-2020	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
					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
					DE (EP) 2 274 836
					FR (EP) 2 274 836
					GB (EP) 2 274 836
					IN356124
					JP5658658



PHI09				KR10-1545003									
				TR (EP) 2 274 836									
				TW1467949									
		Philips	US8495230			1	802.11ax, 802.11-2020						
				AU2004218747									
				CA2518635									
				CN100385870									
				DE (EP) 1 604 491									
				ES (EP) 1 604 491									
				FR (EP) 1 604 491									
				GB (EP) 1 604 491									
				IN239279									
				IT (EP) 1 604 491									
			KR10-1166235										

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

PHI10								
				TR (EP) 1 604 491				
				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	
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	



PHI13				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	TW1459771			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	
PHI15	Philips	US10542525			1	802.11ax		IEEE 802.11ax – 2021 Secs.: 3.2, 9.3.1.22.1, 9.4.2.248.3, 26.5.1.1, 26.5.2.1, 26.5.2.3.1, 26.5.4.3, 27.3.2.6, 27.1.1, 27.3.3.1, 27.3.3.1.2, 27.3.4, 27.3.9, 27.3.11.6, 27.3.11.8.1, 27.3.11.8.3, 27.3.11.8.4, 27.3.11.10, 27.3.12.1, 27.3.13, 27.3.22; Fig.: 9-64a, 9-64b, 9-64d, 9-64f, 26-6, 27-9, 27-11, 27-27, 27-61, 27-63; Tables: 9-29e, 9-29g, 9-29h, 9-322b, 27-11, 27-12, 27-24, 27-26, 27-27, 27-29, 27-30	
			DE11 2016 003 210						
			US10045299						
			US10045349						
			US10057884						
PHI16	Philips	US10749646			15	802.11ax, 802.11-2020		IEEE 802.11-2020 Secs.: 1.1, 1.2, 3.1, 4.3.1, 4.3.5.1; Figs.: 4-1, 4-2; IEEE 802.11ax– 2021 Secs.: 3.1, 27.1.1, 27.3.3.1.2, 27.3.11.8.1, 27.3.11.8.2, 27.3.11.8.3, 27.3.11.8.4, 27.3.16.1; Fig. 27-26, 27-27; Tables: 27-24, 27-26, 27-29, 27-30	



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				



WIL03	US10554370	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	
			CN112491518				
			IN476011				
			KR10-2178131				
			KR10-2231306				
			KR10-2231309				
			US10651992				
			US11128421				
			US11700084				
			CN107925514				
			CN112787791				
			CN112787792				
			CN112787793				
		IN526488					
		KR10-2183477					



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	



		IN441240									
		IT (EP) 3 367 743									
		IT (EP) 3866550									
		JP6568315									
		JP6813635									
		JP7136876									
		KR10-2173322									
		KR10-2305933									
		KR10-2306040									
		NL (EP) 3 367 743									
		NL (EP) 3866550									
		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				
			CN113950137				
			CN113950138				
			CN113950139				
			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				
			CN114585068				



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	
		CN114585071				
		IN427084				
		KR10-2163572				
		KR10-2268908				
		KR10-2268912				
		US11122495				
		US11122496				
		US11696214				
		CN109156033				
		IN424077				
		KR10-2342150				
KR10-2425184						



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	





WIL09	Wilus/SK Telecom	US10623964	VN10037943	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	802.11ax, 802.11-2020	
	CN108886712					
	IN420839					
	KR10-2134147					



WIL11	Wilus/SK Telecom	CN109075907	KR10-2346684							IEEE Std. 802.11ax-2021: Secs. 9.3.1.8.7, 26.4.1, 26.4.2; Table 9-28b	
			KR10-2353831								
			US11196513								
			US11258543								
			US11784755								
				1	802.11ax						
			CN113572579								
			CN113572580								
			CN113572581								
			IN479124								
			KR10-2450270								
			KR10-2549018								
			KR10-2549027								
			US11540169								



				US11979771							
				US11979772							
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, 9-29j	
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							
				CN114866197							
				CN114884628							
				CN114900270							
				IN521478							
				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	



W1L15	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
		KR10-2344180			
		KR10-2390641			
		KR10-2442356			
		US11483865			
		US11503636			
		US11832304			
		CN109417817			
		DE (EP) 3 484 229			
		DE (EP) 4 047 983			
		ES (EP) 3 484 229			
		ES (EP) 4 047 983			
		FR (EP) 3 484 229			
FR (EP) 4 047 983					
GB (EP) 3 484 229					

					GB (EP) 4 047 983					
					IN471763					
					IN521521					
					IT (EP) 3 484 229					
					IT (EP) 4 047 983					
					JP6740447					
					JP7091395					
					JP7091396					
					KR10-2072326					
					KR10-2157470					
					KR10-2190240					
					NL (EP) 3 484 229					
					NL (EP) 4 047 983					
					TR (EP) 3 484 229					
					TR (EP) 4 047 983					



WIL16	Wilus/SK Telecom	EP3 512 289		US11095416															
				US11405161															
				US11804941															
				VN39040															
						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



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	



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
		US11528747			
		US11716759			
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			
		JP7606195			
		KR10-2262155			
		KR10-2353826			
		KR10-2432953			
		US11664926			



WIL20	Wilus/SK Telecom	US10536979	US11764896	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
			US12155467			
			VN38395			
		CN110115093				
		DE (EP) 3 565 365				
		ES (EP) 3 565 365				
		FR (EP) 3 565 365				
		GB (EP) 3 565 365				
		IN492548				
		IN507478				
		IT (EP) 3 565 365				
		JP6746805				
		JP7055177				
		JP7102471				



WIL21	Wibus/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





WIL22	Wilus/SK Telecom	US11284475	VN39034	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					
			US12004262					
			US12010762					
			US9655145	802.11ax, 802.11-2020	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: Sec.: 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							
WIL23	Wilus/SK Telecom							



WIL24	Wilus/SK Telecom	KR10-2249762	KR10-1617410							
			KR10-2082027							
			KR10-2082094							
			US10560965							
			US9872315							
			KR10-2417162		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
WIL25	Wilus/SK Telecom	US10506553	KR10-2529434							
			CN106416412		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	
			CN110932996							
			CN111148269							
			KR10-2102506							
			KR10-2215127							
KR10-2216662										



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	
			US11382067					
			US11832280					
			US12219581					
			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			



WIL29	Wilus/SK Telecom	US10327262	US11350390	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	802.11ax, 802.11-2020	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				



WIL31									
			KR10-2054053						
			KR10-2054117						
			KR10-2082095						
			US10575332						
			US9918343						
		Wilus/SK Telecom	US10917189		1		802.11ax, 802.11-2020		
				CN107079481					
				CN112714501					
				CN112714502					
				CN112714503					
				KR10-2437919					
				KR10-2592396					
			KR102709554						
			US11515957						

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, 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



WIL32	Wilus/SK Telecom	US10772109	US11515958						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	
			US11824630							
				1	802.11ax, 802.11-2020					
			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							





WIL37	Wilus/SK Telecom	US10667292	US11051340						
			US11516849						
			US11864233						
			US12108437						
WIL38	Wilus/SK Telecom	US10321457	US12114349						
			802.11ax, 802.11-2020	1					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
			802.11ax, 802.11-2020	1					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, 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
			KR10-2104274						
			KR10-2178127						
			KR10-2188792						
			US11102778						
US11647489									
US12052696									



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				
			CN112637966				
			CN112637967				
			IN400531				
			KR10-2309047				
			KR10-2427862				
			KR10-2442355				
			US11317441				
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	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	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, 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	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, 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	
			CN107251472									
			CN111970098									
			CN111970099									
			IN502493									







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, 27.3.2.1; 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			



WIL49	Wilus/SK Telecom	US11388758	US11240166	US12192112	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	
WIL50	Wilus/SK Telecom	US10841931	US11653392	US11653348	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	
WIL51	Wilus/SK Telecom	KR10-2350994	US11844059	KR10-2517089	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	
				US11477844				
				US11991031				



WIL52	Wilus/SK Telecom	KR10-2272713	US11991032	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.
WIL53	Wilus/SK Telecom	US10588128	US11259298 US11523390 US11743873	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
WIL54	Wilus/SK Telecom	EP3 396 925	CN108702375 CN113556209 CN113572573 CN113572574 DE (EP) 3 396 925	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





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	





WIL57	Wiius/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	



