

Wi-Fi 6 Patent brochure

Sisvel Pool Offer – updated as of March 21st, 2025

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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			
			EP (DE) 2 777 236			
			EP (DE) 3 264 705			
			EP (DE) 3 468 127			
			EP (ES) 2 777 236			
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				CN106465380					
				CN111245588					
				EP (DE) 3 143 741					
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			JP6479827					
			JP6907251					
			KR10-1886290					
			KR10-1940794					
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			NL (EP) 3 079 322					
			NL (EP) 3 691 169					
			PL (EP) 3 079 322					
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			SE (EP) 3 079 322					
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			TR (EP) 3 079 322					
			TR (EP) 3 691 169					
			US10778389					

HUA04				US11431449						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
				VN26632						
	Huawei	EP3 017 641			1			802.11ax, 802.11-2020		
				CN105264991						
				DE (EP) 3 017 641						
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				FR (EP) 3 017 641						
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				IE (EP) 3 017 641						
				IN400562						
HUA05				KR10-1810950						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,
				SE (EP) 3 017 641						
				US10313169						
				US9729368						
	Huawei	EP3 017 615			1			802.11ax		

			CN105960807				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.
			CN108768600				
			CN111277532				
			DE (EP) 3 017 615				
			ES (EP) 3 017 615				
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			IT (EP) 3 017 615				
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			SE (EP) 3 017 615				
			US10567126				

HUA06				US11012202					
				US9755795					
	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					
				DE (EP) 3 454 622					
				FR (EP) 3 454 622					
				GB (EP) 3 454 622					
				IDP000079576					
HUA07				JP6753588					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, ;
	Huawei	US10945295			1		802.11ax, 802.11-2020		
				DE (EP) 3 530 058					
				FR (EP) 3 530 058					
HUA08				GB (EP) 3 530 058					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
	Huawei	EP3 373 682			1		802.11ax		

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				GB (EP) 3 395 096					
				HU (EP) 3 395 096					
				IE (EP) 3 395 096					
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				SE (EP) 3 395 096					
				US10750536					
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, 9-6ab, 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			
			DE (EP) 3190716			
			DE (EP) 3512109			
			DE (EP) 3591855			
			ES (EP) 3190716			
			ES (EP) 3591855			
			FR (EP) 3190716			
			FR (EP) 3512109			

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			US10728917					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;
HUA21	Huawei	US11265832		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
HUA22	Huawei	CN107615867		1	802.11ax, 802.11-2020			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
HUA23	Huawei	EP3 193 484		1	802.11ax			
			BR112017006508					
			CN107079012					
			DE (EP) 3 193 484					
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			GB (EP) 3 193 484					
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HUA25				FR (EP) 3 402 111								
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				JP6695435								
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				ZA201805897								
	Huawei	EP3 678 321			1		802.11ax					
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				CN109120391			
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				DE (EP) 3 678 321			
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				KR10-2190224			
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				SG11201710537U			
				US10616895			

HUA26					US10645697					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
					US10939435					
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	Huawei	EP3 241 300				1,3	802.11ax			
					CN107210905					
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				DE (EP) 3 407 641						
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				IDP000071231						
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				RU2700406					
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	Huawei	US10972977			1		802.11ax		
				CN105830380					
				JP6509333					
HUA29				KR10-2015199					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
				US10448331					
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	Huawei	EP3 113 565			1		802.11ax, 802.11-2020		
				CN106465400					
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					VN10026266							
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					FR (EP) 3 667 966							
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					NL (EP) 3 667 966							

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
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			JP6498707				
			KR10-1863713				
			NL (EP) 3 151 459				
			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
			DE (EP) 3 182 777				
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			NL (EP) 3 182 777				

HUA34				US10278182					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
				US10925057					
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	Huawei	US10721768			1	802.11ax			
				CN107079020					
				DE (EP) 3200418					
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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			
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			ES (EP) 3 244 676			
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			MY192889-A			
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			US11284388			
	Huawei	EP3 661 104		1	802.11ax	
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			DE (EP) 3 297 385					
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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								
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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				
			DE (EP) 3 496 507				
			DE (EP) 3163970				
			FR (EP) 3 496 507				
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			NL (EP) 3 496 507				
			US10341067				

HUA41				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
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				FR (EP) 3 306 975					
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HUA42									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
				US10784985					
	Huawei	EP3 288 324			1		802.11ax		
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				DE (EP) 3 609 265					

			ES (EP) 3 609 265					
			FR (EP) 3 288 324					
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			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				TR (EP) 3 609 265					
				US10425936					
				US10624085					
				US11178659					
				ZA2017/08112					
	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					
				DE (EP) 3 294 036					
				ES (EP) 3 294 036					
				FR (EP) 3 294 036					
				GB (EP) 3 294 036					
				IDP000065194					
				JP6696637					

HUA44					JP7092430							
					KR10-2193063							
					KR10-2231453							
					MX381657							
					NL (EP) 3 294 036							
					RU2669586							
					RU2689125							
					SE (EP) 3 294 036							
					US10536988							
					VN10032686							
					ZA201708149							
HUA44	Huawei	US10819478				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		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, 9.2.1, 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			

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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				NL (EP) 3 337 077						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.
				PL (EP) 3 337 077						
				SE (EP) 3 337 077						
				SE (EP) 3611989						
				TR (EP) 3 337 077						
				US10615936						
				US10944531						
	Huawei	EP3 355 595			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						

HUA51				KR10-2096939					IEEE Std. 802.11ax-2021: Sections 3.2 and 9.3.1.22.1; Figures 9-64a and 9-64d; Table 9-29h
				KR10-2137074					
				US10499336					
				US11082923					
				VN10030018					

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					IDP000066652					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					
HUA55	Huawei	CN106685578				1	802.11ax			

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			
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
	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			

[illegible]

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			

			DE (EP) 3 035 767				
			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				
			DE (EP) 3 389 312				
			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
			DE (EP) 3 764 612				
			DE (EP) 3086521				
			ES (EP) 3 764 612				

HUA66	Huawei	CN105981467	FI (EP) 3 764 612				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
			FR (EP) 3086521				
			GB (EP) 3 764 612				
			GB (EP) 3086521				
			HU (EP) 3 764 612				
			IT (EP) 3086521				
			JP6478249				
			KR10-1955615				
			NL (EP) 3086521				
			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			
			DE (EP) 2 747 329			
			FR (EP) 2 747 329			
			GB (EP) 2 747 329			
			IN328121			
			JP5819002			
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					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
			SE (EP) 3675445					
			TR (EP) 3282660					
			US10812306					
			US10812307					
			VN27838					
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			
				AU2016312080					
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									
				BE (EP) 3657749					
				CN106487737					
				CN108551434					
				CN110545165					
				DE (EP) 3 334 112					

			DE (EP) 3657749					
			DK (EP) 3657749					
			ES (EP) 3 334 112					
			FI (EP) 3657749					
			FR (EP) 3 334 112					
			FR (EP) 3657749					
			GB (EP) 3 334 112					
			GB (EP) 3657749					
			IT (EP) 3 334 112					
			IT (EP) 3657749					
			JP6463552					
			KR10-2028661					
			MX383648					
			NL (EP) 3 334 112					

HUA72				PL (EP) 3 334 112					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
				SE (EP) 3 334 112					
				SE (EP) 3657749					
				SG11201801055T					
				TR (EP) 3 334 112					
				US10616882					
				US10645687					
				US11265873					
HUA73				ZA2018/00863					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
	Huawei	US9954663			1		802.11ax, 802.11-2020		
				CN106464636					
HUA73									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
	Huawei	CN107113266			1		802.11ax, 802.11-2020		

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	
				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					
				DE (EP) 3 094 150					
				ES (EP) 3 094 150					

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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			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				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					
				NL (EP) 3 335 507					
				SE (EP) 3 335 507					
	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.
				CH (EP) 2 749 098					
				CN104094652					

				CN108601090					
				DE (EP) 2 749 098					
				DE (EP) 3030035					
				FR (EP) 2 749 098					
				GB (EP) 2 749 098					
				IT (EP) 3030035					
				JP5807317					
				NL (EP) 2 749 098					
				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					
				DE (EP) 2 939 466					
				ES (EP) 2 939 466					
				FR (EP) 2 939 466					

HUA88				GB (EP) 2 939 466						
				IT (EP) 2 939 466						
				NL (EP) 2 939 466						
	Huawei	EP3 694 133			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			HU (EP) 3 694 133				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
					IDP000073620				
					IT (EP) 3 694 133				
					JP6705895				
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					MX376899				
					MY189128-A				
					NL (EP) 3340674				
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					US10397037				
					US10454737				
					US11128508				
					VN30744				
					ZA2018/01165				

	AU2017262875			
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	ES (EP) 3 407 518			
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	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			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						
				DE (EP) 3 241 391						
				FR (EP) 3 241 391						
				GB (EP) 3 241 391						
				US10542557						
HUA91				US9949285					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	
	Huawei	CN102843755			1		802.11ax, 802.11-2020			
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						

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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 9-32b, 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			
			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			
HUA113			GB (EP) 3236691			
			US10142936			
	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		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			
			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			
	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
			DE (EP) 3393189			
HUA125			US10743185			
	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, 9-64i, 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			
			GB (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			GB (EP) 3 079 437			
	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			

			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, 27.1.1.1, 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, 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				
		GB (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
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
			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						
			GR (EP) 3 742 681						
			IE (EP) 3 742 681						
			IT (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						
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			SE (EP) 3 742 681						

PAN01			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
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				IT (EP) 3 400 690				

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

PAN03				US11627029						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
				US11985019						
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	Panasonic	EP3 510 820			1	802.11ax				
				CN109644447						
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PAN04				IT (EP) 3 510 820					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
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			DE (EP) 3 972 213					
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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
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			IDP000088060			
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			IN534904			
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PAN06	Panasonic	US10862635				KR10-2609774						
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						US11589341						
						US11889529						
						US12144005						
					9				802.11ax, 802.11-2020			
						CN107852617						
						IN536014						
						JP7312972						
						US11677517						
										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		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					
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			GB (EP) 3 370 470					
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			IN377270					
			IN507801					
			IT (EP) 3 370 470					
			JP6735477					
			JP6909970					
			JP7236678					
			JP7523080					
			MX380482					
			NGF/P/2018/000081					
			NL (EP) 3 370 470					

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

PAN11				US11057172					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
				US11784767					
	Panasonic	US11071140			1	802.11ax, 802.11-2020			
				CN115499796					
				CN115499797					
				CN115499798					
				JP7075392					
				JP7265065					
PAN12				US11696324					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,
				US11985698					
	Panasonic	US11228409			1	802.11ax, 802.11-2020			
				JP7086925					

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	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
				AT (EP) 3457802				
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				DE (EP) 3457802				
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PAN14				US11 405 957					
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	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				DE (EP) 3456018					
				DE (EP) 3713178					
				FR (EP) 3456018					
				FR (EP) 3713178					
				GB (EP) 3456018					
				GB (EP) 3713178					
	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			
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			DE (EP) 3832915			

PHI01				FR (EP) 3832915									
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				IN384633									
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				JP6782467									
				JP6970939									
	Philips	US8331878			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									
				TWI436608									

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

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
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			KR10-1630868			
PHI03	Philips	CN102823177	NL (EP) 2 263 407			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
			TR (EP) 2 263 407			
			TWI471043			
				1	802.11ax	

			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
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
			IN284270				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-

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
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PHI09				KR10-1545003							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
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				IN239279							
				IT (EP) 1 604 491							
				KR10-1166235							

PHI10				MX265066					
				RU2355130					
				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
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				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
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			MX268736			
			MY139940A			
			RU2372721			
			TWI393384			

				UA91506				
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				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
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
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				US10045299				
				US10045349				
PHI16				US10057884				
	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, 27.3.1.2, 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
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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
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			KR10-1632894			
			KR10-2131654			
			KR10-2333023			
			US10256958			
WIL02			US10911196			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
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			CN107735994			
			CN112491517			

WIL03				CN112491518					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
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				KR10-2231309					
				US10651992					
				US11128421					
				US11700084					
	Wilus/SK Telecom	US10554370			1	802.11ax, 802.11-2020			
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	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
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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
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			US11330628			
WIL06			US11330629			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
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	Wilus/SK Telecom	US10616819		1	802.11ax, 802.11-2020	
			CN108370585			
			CN114585068			

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WIL08					KR10-2445925					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
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					US12150105					
	Wilus/SK Telecom	EP3 439 417		1		802.11ax, 802.11-2020				
					CN109156038					
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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
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			IN492473			
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			KR10-2164966			
			KR10-2239519			
			US11140556			
			US11153759			
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
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			IN420839			
			KR10-2134147			

WIL11				KR10-2346684						IEEE Std. 802.11ax-2021: Secs. 9.3.1.8.7, 26.4.1, 26.4.2; Table 9-28b
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				US11784755						
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WIL12				US11979771					
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WIL13	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
WIL14	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
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				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

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	KR10-2442356						
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	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
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				US11804941					
				VN39040					
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				VN41384								
	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								
				IN557236								
				KR10-2324941								
				KR10-2371750								
				KR10-2445912								

				US11528747						
				US11716759						
				US12120744						
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						
				JP7606195						
				KR10-2262155						
				KR10-2353826						
				KR10-2432953						
				US11664926						

WIL20					US11764896						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						
	Wilus/SK Telecom	US10536979		US10536979	1	802.11ax, 802.11-2020					
					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						

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			ES (EP) 3567911				
			FR (EP) 3567911				
			GB (EP) 3567911				
			IN524311				
			IT (EP) 3567911				
			JP7009484				
			JP7322203				
			JP7408699				
			KR10-2082093				
			KR10-2259020				
			KR10-2259024				
			NL (EP) 3567911				
			US11159210				
			US11171695				
			US11784684				

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				
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: 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				

WIL24				KR10-1617410						
				KR10-2082027						
				KR10-2082094						
				US10560965						
				US9872315						
WIL25	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						
	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						
WIL25				CN110932996						
				CN111148269						
				KR10-2102506						
				KR10-2215127						
WIL25				KR10-2216662						

WIL26				US11382067									
				US11832280									
				US12219581									
	Wilus/SK Telecom	US10278210			1	802.11ax, 802.11-2020							
				CN106465418									
				CN111555845									
				CN111555846									
				IN354061									
				KR10-2054043									
				KR10-2157120									
				KR10-2218971									
				US10813139									
				US11272549									
				US11800565									

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

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			
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			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							
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							
				KR102709554							
				US11515957							

WIL32				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					
	Wilus/SK Telecom	US10772109			1		802.11ax, 802.11-2020		
				KR10-2344188					
				KR10-2464370					
				KR10-2464381					
				US11284411					
WIL33				US11477799					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
				US11800510					
	Wilus/SK Telecom	KR10-2268844			1		802.11ax, 802.11-2020		
				KR10-2311278					
				KR10-2349914					
				US10 820 233					
				US11470506					

WIL34	Wilus/SK Telecom	IN418026	US11653261	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			US12160335			
	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			

WIL37				US11051340					
				US11516849					
				US11864233					
	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				US12108437					
				US12114349					
	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, 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			
WIL40			US11317441			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
			US11375544			
			US11812471			
	Wilus/SK Telecom	US10582520		1	802.11ax, 802.11-2020	
			KR10-2129283			

WIL41				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, 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, 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						

WIL44				KR10-2054054					
				KR10-2296339					
				KR10-2468398					
				US11153058					
				US11777693					
WIL45	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					
				US12166587					
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					

WIL46				KR10-2433616								
				US11283570								
				US11290233								
				US11722277								
	Wilus/SK Telecom	US10412621			1	802.11ax, 802.11-2020						
				CN107624236								
				CN112217758								
				CN112217759								
				KR10-2231308								
				KR10-2363476								
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; Figure: 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;												
				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, 27.3.2.1; 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			
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				US11240166					
				US12192112					
WIL50	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					
WIL51	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					
				US11991031					

WIL52	Wilus/SK Telecom	KR10-2272713	US11991032						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		1	802.11ax, 802.11-2020			
			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						
			CN113556209						
			CN113572573						
			CN113572574						
			DE (EP) 3 396 925						

[illegible]

WIL55	Wilus/SK Telecom	KR10-2349919	1	802.11ax, 802.11-2020	JP6609067				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
					JP6898412				
					KR10-2138618				
					KR10-2266148				
					KR10-2266149				
					NL (EP) 3 396 925				
					NL (EP) 3849157				
					NL (EP) 4131813				
					US10687281				
					US11356947				
					US11470595				
					US12167415				
					KR10-2417274				

WIL56				KR10-2426759							
				US10 750 403							
				US11304094							
				US11700546							
				US12207132							
	Wilus/SK Telecom	US11240705			1	802.11ax, 802.11-2020					
				CN108886710							
				CN115361097							
				CN115361098							
				CN115361099							
				DE (EP) 3442258							
				ES (EP) 3442258							
				FR (EP) 3442258							
				GB (EP) 3442258							
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											

WIL57	Wilus/SK Telecom	EP3 567 970	1	802.11ax, 802.11-2020	IN421453			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
					IT (EP) 3442258			
					JP6759354			
					JP6991290			
					JP6992138			
					KR10-2349928			
					KR10-2417275			
					KR10-2425185			
					NL (EP) 3442258			
					US11683718			
					US11683719			
					US12063545			
					VN43817			

			CN110169187			
			DE (EP) 3 567 970			
			DE (EP) 3 968 728			
			ES (EP) 3 567 970			
			ES (EP) 3 968 728			
			FR (EP) 3 567 970			
			FR (EP) 3 968 728			
			GB (EP) 3 567 970			
			GB (EP) 3 968 728			
			IN476286			
			IN551371			
			IT (EP) 3 567 970			
			IT (EP) 3 968 728			
			JP6911127			
			JP7176050			



				JP7177225					
				KR10-2173425					
				KR10-2239504					
				KR10-2239509					
				NL (EP) 3 567 970					
				NL (EP) 3 968 728					
				PL (EP) 3 968 728					
				US10660139					
				US11330640					
				US11343859					
				US11737152					
				VN40427					