

APPENDIX J: IEEE 802.11AX RU SAR EXCLUSION

J.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T, 996T and 996T*2.

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

J.2 IEEE 802.11ax RU Target Powers

J.2.1 Maximum 802.11ax RU WLAN Output Power

Tones		SISO in dBm (Chain 0/1)					MIMO in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum Power	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
52T	Maximum Power	12.00	11.50	11.50	11.50	11.50	12.00	11.50	11.50	11.50	11.50
			ch 36: 11.00	ch 38: 11.00				ch 36: 11.00	ch 38: 11.00		
106T	Maximum Power	14.50	11.50	11.50	11.50	11.50	14.50	11.50	11.50	11.50	11.50
			ch 36: 9.00 ch 64: 11.00 ch 100: 8.50	ch 38: 9.00 ch 62: 11.00 ch 102: 8.50	ch 106: 8.50			ch 36: 9.00 ch 64: 11.00 ch 100: 8.50	ch 38: 9.00 ch 62: 11.00 ch 102: 8.50	ch 106: 8.50	
242T	Maximum Power	15.00	11.50	11.50	11.50	11.50	15.00	11.50	11.50	11.50	11.50
		ch 1: 13.50 ch 11: 13.00	ch 149: 10.50	ch 62: 11.00	ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00	ch 50: 10.50		ch 1: 13.50 ch 11: 13.00	ch 149: 10.50	ch 62: 11.00	ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00
484T	Maximum Power			11.50	11.50	11.50			11.50	11.50	11.50
				ch 62: 11.00	ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00	ch 50: 10.50			ch 62: 11.00	ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00	ch 50: 10.50
996T	Maximum Power				11.50	11.50				11.50	11.50
					ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00	ch 50: 10.50				ch 42: 9.50 ch 58: 11.00 ch 106: 9.50 ch 155: 10.00	ch 50: 10.50
996T*2	Maximum Power					11.50					11.50
						ch 50: 10.50					ch 50: 10.50

Note: In MIMO operations, each Chain 0 and Chain 1 transmits at maximum allowed powers as indicated above.

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J.2.2 Reduced 802.11ax RU WLAN Output Power During Conditions with Simultaneous 2.4 GHz WLAN and 5 GHz WLAN

The below table is applicable during Simultaneous Conditions with 2.4 GHz and 5 GHz WLAN

Tones		MIMO in dBm									
		Chain 0					Chain 1				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum Power	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
52T	Maximum Power	11.00	9.50	9.50	9.50	9.50	11.00	9.50	9.50	9.50	9.50
106T	Maximum Power	11.00	9.50	9.50	9.50	9.50	11.00	9.50	9.50	9.50	9.50
			ch 36: 9.00 ch 64: 9.50 ch 100: 8.50	ch 38: 9.00 ch 62: 9.50 ch 102: 8.50	ch 106: 8.50			ch 36: 9.00 ch 64: 9.50 ch 100: 8.50	ch 38: 9.00 ch 62: 9.50 ch 102: 8.50	ch 106: 8.50	
242T	Maximum Power	11.00	9.50	9.50	9.50	9.50	11.00	9.50	9.50	9.50	9.50
484T	Maximum Power			9.50	9.50	9.50			9.50	9.50	9.50
996T	Maximum Power				9.50	9.50				9.50	9.50
996T*2	Maximum Power					9.50					9.50

Note: In MIMO operations, each Chain 0 and Chain 1 transmits at maximum allowed powers as indicated

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J.3 IEEE 802.11ax Measured Powers

**Table J-1
Maximum 2.4 GHz 802.11ax RU Output Power – Chain 0**

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	8.01
			4	8.36
			8	8.93
2437	6	26T	0	8.90
			4	8.33
			8	8.02
2462	11	26T	0	8.10
			4	8.25
			8	7.72
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	52T	37	11.09
			38	11.31
			40	11.99
2437	6	52T	37	11.67
			38	11.56
			40	11.04
2462	11	52T	37	11.38
			38	11.37
			40	10.87
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	13.74
			54	14.46
2437	6	106T	53	14.22
			54	13.58
2462	11	106T	53	13.98
			54	13.60
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	242T	61	13.13
2437	6	242T	61	14.48
2462	11	242T	61	12.28

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**Table J-2
Maximum 2.4 GHz 802.11ax RU Output Power – Chain 1**

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	8.01
			4	8.57
			8	8.27
2437	6	26T	0	8.19
			4	8.47
			8	8.02
2462	11	26T	0	8.26
			4	8.33
			8	8.41
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	52T	37	11.43
			38	11.88
			40	11.71
2437	6	52T	37	11.72
			38	11.81
			40	11.33
2462	11	52T	37	11.54
			38	11.56
			40	11.63
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	14.00
			54	14.23
2437	6	106T	53	14.17
			54	13.90
2462	11	106T	53	14.08
			54	14.10
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	242T	61	13.21
2437	6	242T	61	14.63
2462	11	242T	61	12.69

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Table J-3
Maximum 5 GHz 802.11ax RU Output Power – Chain 0

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
1	1	5180	36	26T	8.44	8.53	8.47
		5200	40	26T	8.41	8.41	8.28
		5240	48	26T	8.68	8.61	8.46
	2A	5260	52	26T	8.65	8.64	8.63
		5280	56	26T	8.54	8.67	8.57
		5320	64	26T	8.19	8.20	8.05
	2C	5500	100	26T	8.22	8.34	8.28
		5600	120	26T	8.02	8.25	8.09
		5720	144	26T	8.13	8.26	8.27
3	5745	149	26T	8.19	8.21	8.27	
	5785	157	26T	8.69	8.72	8.73	
	5825	165	26T	8.01	8.12	8.15	
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
1	1	5180	36	52T	10.04	10.22	10.31
		5200	40	52T	11.02	11.07	10.77
		5240	48	52T	11.13	11.12	10.90
	2A	5260	52	52T	10.98	10.95	10.75
		5280	56	52T	11.09	11.09	10.80
		5320	64	52T	11.33	11.27	11.00
	2C	5500	100	52T	11.46	11.49	11.31
		5600	120	52T	11.38	11.47	11.29
		5720	144	52T	11.42	11.48	11.40
3	5745	149	52T	11.38	11.46	11.28	
	5785	157	52T	11.23	11.36	11.12	
	5825	165	52T	11.43	11.49	11.34	
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
1	1	5180	36	106T	8.44	8.57	
		5200	40	106T	11.45	11.47	
		5240	48	106T	11.11	11.06	
	2A	5260	52	106T	10.89	10.89	
		5280	56	106T	11.03	11.00	
		5320	64	106T	10.86	10.87	
	2C	5500	100	106T	8.39	8.46	
		5600	120	106T	11.49	11.45	
		5720	144	106T	11.44	11.43	
3	5745	149	106T	11.28	11.42		
	5785	157	106T	11.26	11.22		
	5825	165	106T	11.40	11.48		
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
1	1	5180	36	242T	11.09		
		5200	40	242T	10.99		
		5240	48	242T	11.02		
	2A	5260	52	242T	10.87		
		5280	56	242T	10.99		
		5320	64	242T	11.20		
	2C	5500	100	242T	11.36		
		5600	120	242T	11.44		
		5720	144	242T	11.47		
3	5745	149	242T	9.85			
	5785	157	242T	11.41			
	5825	165	242T	11.48			

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
1	1	5190	38	26T	8.64	8.71	8.57
		5230	46	26T	8.63	8.69	8.63
	2A	5270	54	26T	8.70	8.64	8.62
		5310	62	26T	8.42	8.56	8.45
		5510	102	26T	8.48	8.47	8.38
2C	5590	118	26T	8.82	8.45	8.52	
	5710	142	26T	8.73	8.96	8.60	
	5755	151	26T	8.69	8.48	8.61	
3	5795	159	26T	8.60	8.85	8.64	
	Avg Conducted Power (dBm)						
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
1	1	5190	38	52T	10.27	10.74	10.81
		5230	46	52T	11.44	11.20	11.33
	2A	5270	54	52T	11.32	11.10	11.15
		5310	62	52T	11.39	11.11	11.17
		5510	102	52T	11.29	11.09	11.34
2C	5590	118	52T	11.21	11.06	11.43	
	5710	142	52T	11.45	11.48	11.34	
	5755	151	52T	11.15	11.06	11.40	
3	5795	159	52T	11.14	11.07	11.46	
	Avg Conducted Power (dBm)						
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
1	1	5190	38	106T	8.45	8.89	8.59
		5230	46	106T	11.04	11.32	10.87
	2A	5270	54	106T	10.97	11.10	11.26
		5310	62	106T	10.99	10.98	10.79
		5510	102	106T	8.41	8.46	8.29
2C	5590	118	106T	11.44	11.15	10.91	
	5710	142	106T	11.30	10.96	11.47	
	5755	151	106T	11.39	11.03	11.46	
3	5795	159	106T	11.29	11.12	11.08	
	Avg Conducted Power (dBm)						
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
1	1	5190	38	242T	11.19	11.22	
		5230	46	242T	11.13	11.02	
	2A	5270	54	242T	11.01	10.86	
		5310	62	242T	10.58	10.37	
		5510	102	242T	11.49	10.97	
2C	5590	118	242T	10.89	10.99		
	5710	142	242T	11.39	11.46		
	5755	151	242T	10.87	10.96		
3	5795	159	242T	10.93	11.02		
	Avg Conducted Power (dBm)						
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	1	5190	38	484T	11.24		
		5230	46	484T	11.23		
	2A	5270	54	484T	11.05		
		5310	62	484T	10.80		
		5510	102	484T	10.96		
2C	5590	118	484T	10.89			
	5710	142	484T	11.41			
	5755	151	484T	10.82			
3	5795	159	484T	10.91			
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	1	5210	42	26T	8.47	8.24	8.50
		5290	58	26T	8.54	8.49	8.35
	2A	5530	106	26T	8.43	8.59	8.54
		5610	122	26T	8.17	8.56	8.44
		5690	138	26T	8.62	8.94	8.83
3	5775	155	26T	8.71	8.40	8.36	
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	1	5210	42	52T	11.07	11.43	11.01
		5290	58	52T	11.03	11.14	10.86
	2C	5530	106	52T	10.90	11.16	11.08
		5610	122	52T	10.75	11.20	11.05
		5690	138	52T	11.12	10.92	11.00
3	5775	155	52T	11.09	10.99	11.10	
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	1	5210	42	106T	10.91	10.97	11.03
		5290	58	106T	11.09	11.07	10.84
	2C	5530	106	106T	7.72	7.97	8.48
		5610	122	106T	11.43	11.20	10.95
		5690	138	106T	10.98	11.46	10.96
3	5775	155	106T	11.28	10.91	11.02	
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	1	5210	42	242T	9.02	9.15	8.91
		5290	58	242T	10.60	10.58	10.82
	2C	5530	106	242T	8.94	9.08	9.01
		5610	122	242T	11.03	11.25	11.18
		5690	138	242T	11.27	10.90	11.17
3	5775	155	242T	9.87	9.36	9.62	
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	1	5210	42	484T	9.06	8.99	
		5290	58	484T	10.59	10.87	
	2A	5530	106	484T	9.00	9.01	
		5610	122	484T	11.10	11.16	
		5690	138	484T	11.43	11.06	
3	5775	155	484T	9.96	9.51		
	Avg Conducted Power (dBm)						
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	1	5210	42	996T	9.07		
		5290	58	996T	10.47		
	2C	5530	106	996T	9.12		
		5610	122	996T	11.23		
		5690	138	996T	11.01		
3	5775	155	996T	9.48			
	Avg Conducted Power (dBm)						

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Table J-4
Maximum 5 GHz 802.11ax RU Lower Block Output Power – Chain 0

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5250	50	26T	8.58	N/A	8.77	
	2C	5570	114	26T	8.30	N/A	8.82
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5250	50	52T	11.11	N/A	11.20	
	2C	5570	114	52T	11.02	N/A	11.24
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5250	50	106T	11.16	N/A	11.47	
	2C	5570	114	106T	11.09	N/A	11.27
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5250	50	242T	10.41	N/A	10.11	
	2C	5570	114	242T	10.79	N/A	11.19
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5250	50	484T	10.42	10.00		
	2C	5570	114	484T	11.34	11.13	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996T	10.49			
	2C	5570	114	996T	11.36		

Table J-5
Maximum 5 GHz 802.11ax RU Upper Block Output Power – Chain 0

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5250	50	26T	8.78	N/A	8.66	
	2C	5570	114	26T	8.88	N/A	8.81
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5250	50	52T	11.24	N/A	11.17	
	2C	5570	114	52T	11.36	N/A	11.30
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5250	50	106T	11.47	N/A	11.06	
	2C	5570	114	106T	11.29	N/A	11.13
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5250	50	242T	10.47	N/A	10.38	
	2C	5570	114	242T	11.38	N/A	11.39
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5250	50	484T	10.49	9.89		
	2C	5570	114	484T	11.34	11.41	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996T	10.06			
	2C	5570	114	996T	11.33		
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					68	N/A	N/A
1	5250	50	996Tx2	10.12			
	2C	5570	114	996Tx2	11.01		

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Table J-6
Maximum 5 GHz 802.11ax RU Output Power – A Chain 1

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
1	1	5180	36	26T	8.70	8.90	8.81
		5200	40	26T	8.73	8.89	8.79
		5240	48	26T	8.85	8.84	8.98
	2A	5260	52	26T	8.88	8.89	8.83
		5280	56	26T	8.80	8.88	8.79
		5320	64	26T	8.72	8.79	8.69
	2C	5500	100	26T	8.94	8.99	8.83
		5600	120	26T	8.95	8.90	8.92
		5720	144	26T	8.69	8.71	8.79
3	5745	149	26T	8.62	8.72	8.73	
	5785	157	26T	8.57	8.52	8.47	
	5825	165	26T	8.27	8.43	8.43	
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
1	1	5180	36	52T	10.70	10.82	10.83
		5200	40	52T	10.59	10.62	11.09
		5240	48	52T	10.64	10.71	11.16
	2A	5260	52	52T	10.75	10.88	11.21
		5280	56	52T	10.82	10.86	10.87
		5320	64	52T	10.95	11.15	10.98
	2C	5500	100	52T	11.17	11.20	11.13
		5600	120	52T	10.74	10.87	10.74
		5720	144	52T	11.05	11.23	11.21
3	5745	149	52T	11.11	11.30	11.13	
	5785	157	52T	10.82	10.94	10.86	
	5825	165	52T	10.71	10.95	10.89	
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
1	1	5180	36	106T	8.44	8.54	
		5200	40	106T	11.31	11.29	
		5240	48	106T	11.33	11.31	
	2A	5260	52	106T	11.37	11.38	
		5280	56	106T	11.01	10.97	
		5320	64	106T	10.99	10.81	
	2C	5500	100	106T	8.49	8.35	
		5600	120	106T	10.98	10.99	
		5720	144	106T	11.30	11.40	
3	5745	149	106T	11.42	11.49		
	5785	157	106T	11.11	11.08		
	5825	165	106T	10.93	11.06		
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
1	1	5180	36	242T	11.30		
		5200	40	242T	11.31		
		5240	48	242T	11.40		
	2A	5260	52	242T	11.48		
		5280	56	242T	11.11		
		5320	64	242T	11.31		
	2C	5500	100	242T	11.46		
		5600	120	242T	11.06		
		5720	144	242T	11.48		
3	5745	149	242T	10.43			
	5785	157	242T	11.19			
	5825	165	242T	11.07			

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
1	5190	38	26T	8.88	8.75	8.88	
				5230	46	26T	8.98
	5270	54	26T	8.94	8.82	8.79	
				5310	62	26T	8.81
	5510	102	26T	8.97	8.78	8.81	
				5590	118	26T	8.58
5710	142	26T	8.19	8.84	8.47		
			5755	151	26T	8.21	8.78
5795	159	26T	8.50	8.41	8.66		
			5795	159	26T	8.50	8.41
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
1	5190	38	52T	10.86	10.71	10.91	
				5230	46	52T	11.33
	5270	54	52T	11.40	11.36	11.40	
				5310	62	52T	11.28
	5510	102	52T	11.25	11.19	11.31	
				5590	118	52T	10.86
5710	142	52T	11.03	11.12	11.39		
			5755	151	52T	11.21	11.08
5795	159	52T	10.95	11.23	11.17		
			5795	159	52T	10.95	11.23
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
1	5190	38	106T	8.64	8.89	8.78	
				5230	46	106T	11.02
	5270	54	106T	11.10	11.28	11.09	
				5310	62	106T	10.98
	5510	102	106T	8.25	8.4	8.27	
				5590	118	106T	11.15
5710	142	106T	11.26	11.13	11.48		
			5755	151	106T	11.43	11.20
5795	159	106T	11.00	11.24	11.16		
			5795	159	106T	11.00	11.24
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
1	5190	38	242T	10.89	10.96		
				5230	46	242T	11.14
	5270	54	242T	11.14	11.14		
				5310	62	242T	10.46
	5510	102	242T	10.92	10.94		
				5590	118	242T	11.11
5710	142	242T	11.23	11.38			
			5755	151	242T	11.36	11.44
5795	159	242T	10.99	11.08			
			5795	159	242T	10.99	11.08
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	10.93			
				5230	46	484T	11.10
	5270	54	484T	11.12			
				5310	62	484T	10.99
	5510	102	484T	10.94			
				5590	118	484T	11.07
5710	142	484T	11.21				
			5755	151	484T	11.38	
5795	159	484T	10.97				
			5795	159	484T	10.97	
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5210	42	26T	8.64	8.48	8.87	
				5290	58	26T	8.69
	5530	106	26T	8.52	8.86	8.36	
				5610	122	26T	8.65
	5690	138	26T	8.97	8.69	8.62	
				5775	155	26T	8.64
5775	155	26T	8.64	8.47	8.84		
			5775	155	26T	8.64	8.47
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5210	42	52T	10.96	11.41	11.18	
				5290	58	52T	11.23
	5530	106	52T	11.21	11.40	11.07	
				5610	122	52T	11.33
	5690	138	52T	11.08	11.17	11.28	
				5775	155	52T	10.83
5775	155	52T	10.83	10.88	11.08		
			5775	155	52T	10.83	10.88
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5210	42	106T	11.01	11.24	11.14	
				5290	58	106T	11.24
	5530	106	106T	7.85	8.08	7.70	
				5610	122	106T	11.26
	5690	138	106T	11.46	11.13	11.20	
				5775	155	106T	11.14
5775	155	106T	11.14	11.46	11.44		
			5775	155	106T	11.14	11.46
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5210	42	242T	9.49	9.12	9.15	
				5290	58	242T	10.59
	5530	106	242T	9.20	9.30	9.06	
				5610	122	242T	10.89
	5690	138	242T	11.14	11.26	11.36	
				5775	155	242T	9.87
5775	155	242T	9.87	9.98	9.43		
			5775	155	242T	9.87	9.98
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5210	42	484T	9.04	9.17		
				5290	58	484T	10.56
	5530	106	484T	9.24	9.17		
				5610	122	484T	10.91
	5690	138	484T	11.16	11.37		
				5775	155	484T	9.21
5775	155	484T	9.21	9.45			
			5775	155	484T	9.21	9.45
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5210	42	996T	9.07			
				5290	58	996T	10.59
	5530	106	996T	9.22			
				5610	122	996T	10.97
	5690	138	996T	11.27			
				5775	155	996T	9.32
5775	155	996T	9.32				
			5775	155	996T	9.32	

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Table J-7
Maximum 5 GHz 802.11ax RU Lower Block Output Power – Chain 1

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5250	50	26T	8.96	N/A	8.64	
	5570	114	26T	8.88	N/A	8.97	
2C	5250	50	52T	10.94	N/A	11.45	
	5570	114	52T	11.23	N/A	11.27	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5250	50	106T	11.05	N/A	11.28	
	5570	114	106T	11.30	N/A	11.19	
2C	5250	50	242T	10.28	N/A	10.45	
	5570	114	242T	10.93	N/A	11.17	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5250	50	484T	10.36	10.28		
	5570	114	484T	10.99	11.09		
2C	5250	50	996T	9.96			
	5570	114	996T	10.95			

Table J-8
Maximum 5 GHz 802.11ax RU Upper Block Output Power – Chain 1

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5250	50	26T	8.69	N/A	8.89	
	5570	114	26T	8.47	N/A	8.70	
2C	5250	50	52T	11.44	N/A	11.00	
	5570	114	52T	11.28	N/A	10.98	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5250	50	106T	11.32	N/A	10.94	
	5570	114	106T	11.15	N/A	10.97	
2C	5250	50	242T	10.48	N/A	10.29	
	5570	114	242T	11.16	N/A	11.01	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5250	50	484T	10.44	10.33		
	5570	114	484T	11.07	11.05		
2C	5250	50	996T	9.74			
	5570	114	996T	10.97			
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996T	9.74			
	5570	114	996T	10.97			
2C	5250	50	996Tx2	10.03			
	5570	114	996Tx2	11.41			

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