

**APPENDIX F: IEEE 802.11AX RU SAR EXCLUSION**

<b>FCC ID:</b> BCGA2759	<b>SAR EVALUATION REPORT</b>	<b>Reviewed by:</b> Technical Manager
<b>DUT Type:</b> Tablet Device		APPENDIX F: Page 1 of 1

## F.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.

## F.2 IEEE 802.11ax RU Target Powers

### F.2.1 Maximum 802.11ax RU Time-Averaged Output Power

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna WF8 Tolerance (+0/-3.00 dB)								
	Channel	SISO				MIMO			
		Tones							
		26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI 20 MHz Bandwidth	1	13.00	13.00	13.00	13.00	12.50	12.50	12.50	12.50
	2	14.00	16.50	16.50	16.50	14.00	16.00	16.00	16.00
	3	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	4	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	5	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	6	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	7	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	8	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	9	14.00	16.50	16.50	16.50	14.00	16.50	16.50	16.50
	10	14.00	16.50	16.50	16.50	14.00	15.00	15.00	15.00
	11	13.50	13.50	13.50	13.50	12.50	12.50	12.50	12.50
	12	11.50	11.50	11.50	11.50	10.00	10.00	10.00	10.00
	13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna WF7 Tolerance (+0/-3.00 dB)								
	Channel	SISO				MIMO			
		Tones							
		26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI 20 MHz Bandwidth	1	13.00	13.00	13.00	13.00	12.50	12.50	12.50	12.50
	2	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	3	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	4	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	5	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	6	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	7	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	8	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	9	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	10	14.00	15.00	15.00	15.00	14.00	15.00	15.00	15.00
	11	13.50	13.50	13.50	13.50	12.50	12.50	12.50	12.50
	12	11.50	11.50	11.50	11.50	10.00	10.00	10.00	10.00
	13	NS	NS	NS	NS	NS	NS	NS	NS

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

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Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Ant WFST (Tolerance +/-3.00dB)																								
		SISO						MIMO CDD						MIMO SDM												
		26T	52T	106T	242T	484T	996T	996T*2	26T	52T	106T	242T	484T	996T	996T*2	26T	52T	106T	242T	484T	996T	996T*2				
6 GHz WiFi (20MHz BW)	1	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50							
	5	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50							
	9-29	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50							
	33-61	-4.50	-1.50	1.75	3.75				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.75							
	65-85	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	89	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	93	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	97-113	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	117-181	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	185	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00							
	189-225	-3.00	0.00	3.00	5.00				N/A	-6.00	-3.00	-1.00				-6.00	-3.00	0.25	2.25							
	229	-3.00	0.00	3.00	5.00				N/A	-6.00	-3.00	-1.00				-6.00	-3.00	0.25	2.25							
	233	N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A							
	6 GHz WiFi (40MHz BW)	3	-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50					
11		-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50						
19-27		-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50						
35-59		-4.50	-1.50	1.75	3.75	6.75			N/A	-6.50	-3.50	-1.50	1.75			-6.50	-3.50	-0.50	1.75	4.75						
67-75		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
83		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
91		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
99-107		-4.00	-1.00	2.00	4.00	7.00			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
115		-4.00	-1.00	2.00	4.00	7.00			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
123-179		-4.00	-1.00	2.00	4.00	7.00			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
187		-4.00	-1.00	2.00	4.00	7.00			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00						
195-219		-3.00	0.00	3.00	5.00	8.00			N/A	-6.00	-3.00	-1.00	2.25			-6.00	-3.00	0.25	2.25	5.25						
227		-3.00	0.00	3.00	5.00	8.00			N/A	-6.00	-3.00	-1.00	2.25			-6.00	-3.00	0.25	2.25	5.25						
6 GHz WiFi (80MHz BW)		7	-4.50	-1.50	1.50	3.50	6.50	9.50			N/A	-6.50	-3.50	-1.50	1.50	4.50			-6.50	-3.50	-0.50	1.50	4.50	7.50		
	23	-4.50	-1.50	1.50	3.50	6.50	9.50			N/A	-6.50	-3.50	-1.50	1.50	4.50			-6.50	-3.50	-0.50	1.50	4.50	7.50			
	39-55	-4.50	-1.50	1.75	3.75	6.75	9.75			N/A	-6.50	-3.50	-1.50	1.75	4.75			-6.50	-3.50	-0.50	1.75	4.75	7.75			
	71	-4.50	-1.50	1.50	3.50	6.50	9.50			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	87	-4.50	-1.50	1.50	3.50	6.50	9.50			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	103	-4.00	-1.00	2.00	4.00	7.00	10.00			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	119	-4.00	-1.00	2.00	4.00	7.00	10.00			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	135-167	-4.00	-1.00	2.00	4.00	7.00	10.00			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	183	-4.00	-1.00	2.00	4.00	7.00	10.00			N/A	-7.00	-4.00	-2.00	1.00	4.00			-7.00	-4.00	-1.00	1.00	4.00	7.00			
	199	-3.00	0.00	3.00	5.00	8.00	11.00			N/A	-6.00	-3.00	-1.00	2.25	5.25			-6.00	-3.00	0.25	2.25	5.25	8.25			
	215	-3.00	0.00	3.00	5.00	8.00	11.00			N/A	-6.00	-3.00	-1.00	2.25	5.25			-6.00	-3.00	0.25	2.25	5.25	8.25			
	6 GHz WiFi (160MHz BW)	15	-4.50	-1.50	1.50	3.50	6.50	9.50	12.00			N/A	-6.50	-3.50	-1.50	1.50	4.50	7.00		-6.50	-3.50	-0.50	1.50	4.50	7.50	10.00
		47	-4.50	-1.50	1.75	3.75	6.75	9.75	12.25			N/A	-6.50	-3.50	-1.50	1.75	4.75	7.25		-6.50	-3.50	-0.50	1.75	4.75	7.75	10.25
		79	-4.50	-1.50	1.50	3.50	6.50	9.50	12.00			N/A	-7.00	-4.00	-2.00	1.00	4.00	6.50		-7.00	-4.00	-1.00	1.00	4.00	7.00	9.50
111		-4.00	-1.00	2.00	4.00	7.00	10.00	12.50			N/A	-7.00	-4.00	-2.00	1.00	4.00	6.50		-7.00	-4.00	-1.00	1.00	4.00	7.00	9.50	
143		-4.00	-1.00	2.00	4.00	7.00	10.00	12.50			N/A	-7.00	-4.00	-2.00	1.00	4.00	6.50		-7.00	-4.00	-1.00	1.00	4.00	7.00	9.50	
175		-4.00	-1.00	2.00	4.00	7.00	10.00	12.50			N/A	-7.00	-4.00	-2.00	1.00	4.00	6.50		-7.00	-4.00	-1.00	1.00	4.00	7.00	9.50	
207		-3.00	0.00	3.00	5.00	8.00	11.00	13.50			N/A	-6.00	-3.00	-1.00	2.25	5.25	7.75		-6.00	-3.00	0.25	2.25	5.25	8.25	10.75	

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Ant WF5B (Tolerance +/-3.00dB)																					
		SISO						MIMO CDD						MIMO SDM									
		26T	52T	106T	242T	484T	996T	996T*2	26T	52T	106T	242T	484T	996T	996T*2	26T	52T	106T	242T	484T	996T	996T*2	
6 GHz WiFi (20MHz BW)	1	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50				
	5	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50				
	9-29	-4.50	-1.50	1.50	3.50				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.50				
	33-61	-4.50	-1.50	1.75	3.75				N/A	-6.50	-3.50	-1.50				-6.50	-3.50	-0.50	1.75				
	65-85	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	89	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	93	-4.50	-1.50	1.50	3.50				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	97-113	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	117-181	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	185	-4.00	-1.00	2.00	4.00				N/A	-7.00	-4.00	-2.00				-7.00	-4.00	-1.00	1.00				
	189-225	-3.00	0.00	3.00	5.00				N/A	-6.00	-3.00	-1.00				-6.00	-3.00	0.25	2.25				
	229	-3.00	0.00	3.00	5.00				N/A	-6.00	-3.00	-1.00				-6.00	-3.00	0.25	2.25				
	233	N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A				
	6 GHz WiFi (40MHz BW)	3	-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50		
11		-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50			
19-27		-4.50	-1.50	1.50	3.50	6.50			N/A	-6.50	-3.50	-1.50	1.50			-6.50	-3.50	-0.50	1.50	4.50			
35-59		-4.50	-1.50	1.75	3.75	6.75			N/A	-6.50	-3.50	-1.50	1.75			-6.50	-3.50	-0.50	1.75	4.75			
67-75		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00			
83		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00			
91		-4.50	-1.50	1.50	3.50	6.50			N/A	-7.00	-4.00	-2.00	1.00			-7.00	-4.00	-1.00	1.00	4.00			
99-107		-4.00	-1.00	2.00	4.00	7.00			N/A	-7.00	-4.00	-2.00											

### F.3 IEEE 802.11ax Measured Powers

**Table F-1  
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF8**

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	12.05	2412	1	52T	37	12.13
			4	12.18				38	12.16
			8	11.95				40	11.85
2437	6	26T	0	12.95	2437	6	52T	37	15.75
			4	13.13				38	15.74
			8	12.88				40	15.14
2462	11	26T	0	12.44	2462	11	52T	37	12.55
			4	12.52				38	12.51
			8	12.37				40	12.28
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	12.06	2412	1	242T	61	11.88
			54	11.85					
2437	6	106T	53	15.47	2437	6	242T	61	15.30
			54	15.26					
2462	11	106T	53	12.52	2462	11	242T	61	12.56
			54	12.23					

**Table F-2**  
**Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF7**

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	12.00	2412	1	52T	37	11.94
			4	12.23				38	11.91
			8	11.90				40	11.55
2437	6	26T	0	12.93	2437	6	52T	37	13.92
			4	13.02				38	14.01
			8	13.23				40	14.18
2462	11	26T	0	12.51	2462	11	52T	37	12.64
			4	12.34				38	12.35
			8	12.65				40	12.52
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	12.09	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
			54	11.91	2412	1	242T	61	11.98
2437	6	106T	53	14.23					
			54	14.05	2462	11	242T	61	12.41
2462	11	106T	53	12.65					
			54	12.32					

**Table F-3  
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF5T**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	4	8						37	39	40
20MHz BW	1	5180	36	26T	10.53	10.55	10.54	20MHz BW	1	5180	36	52T	13.53	13.51	13.52
		5200	40	26T	10.46	10.45	10.42			5200	40	52T	13.38	13.36	13.41
		5240	48	26T	10.63	10.66	10.68			5240	48	52T	13.60	13.59	13.61
	2A	5260	52	26T	NS	NS	NS		2A	5260	52	52T	13.47	13.50	13.50
		5280	56	26T	NS	NS	NS			5280	56	52T	13.38	13.40	13.44
		5320	64	26T	NS	NS	NS			5320	64	52T	13.49	13.50	13.48
	2C	5500	100	26T	NS	NS	NS		2C	5500	100	52T	13.40	13.41	13.40
		5600	120	26T	NS	NS	NS			5600	120	52T	13.45	13.46	13.44
		5720	144	26T	NS	NS	NS			5720	144	52T	13.42	13.40	13.37
	3	5745	149	26T	10.43	10.47	10.45		3	5745	149	52T	13.26	13.30	13.28
		5785	157	26T	10.34	10.35	10.28			5785	157	52T	13.33	13.30	13.27
		5825	165	26T	10.28	10.36	10.27			5825	165	52T	13.28	13.31	13.25

  

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	N/A						61	N/A	N/A
20MHz BW	1	5180	36	106T	14.88	14.90		20MHz BW	1	5180	36	242T	14.89		
		5200	40	106T	16.63	16.66				5200	40	242T	16.61		
		5240	48	106T	16.65	16.69				5240	48	242T	16.62		
	2A	5260	52	106T	14.96	14.97			2A	5260	52	242T	14.98		
		5280	56	106T	14.94	14.92				5280	56	242T	14.94		
		5320	64	106T	15.04	15.00				5320	64	242T	15.08		
	2C	5500	100	106T	14.06	14.04			2C	5500	100	242T	14.05		
		5600	120	106T	14.78	14.74				5600	120	242T	14.80		
		5720	144	106T	14.68	14.70				5720	144	242T	14.75		
	3	5745	149	106T	14.11	14.13			3	5745	149	242T	14.12		
		5785	157	106T	14.00	13.97				5785	157	242T	13.96		
		5825	165	106T	14.11	14.13				5825	165	242T	14.07		

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
40MHz BW	1	5190	38	26T	10.43	11.05	10.42	40MHz BW	1	5190	38	52T	11.53	12.05	11.65
		5230	46	26T	10.39	11.06	10.51			5230	46	52T	13.46	14.03	13.75
	2A	5270	54	26T	NS	NS	NS		2A	5270	54	52T	13.53	14.09	13.67
		5310	62	26T	NS	NS	NS			5310	62	52T	12.62	13.20	12.75
	2C	5510	102	26T	NS	NS	NS		2C	5510	102	52T	10.64	11.05	10.59
		5590	118	26T	NS	NS	NS			5590	118	52T	13.58	14.11	13.69
		5710	142	26T	NS	NS	NS			5710	142	52T	13.48	14.04	13.62
	3	5755	151	26T	10.38	11.10	10.41		3	5755	151	52T	13.27	13.91	13.25
		5795	159	26T	10.30	11.03	10.39			5795	159	52T	13.36	14.01	13.48

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
40MHz BW	1	5190	38	106T	11.49	11.91	11.65	40MHz BW	1	5190	38	242T	11.64	11.76	
		5230	46	106T	16.48	16.95	16.87			5230	46	242T	16.47	16.91	
	2A	5270	54	106T	15.08	15.48	15.17		2A	5270	54	242T	14.58	15.01	
		5310	62	106T	12.18	12.67	12.35			5310	62	242T	12.52	12.71	
	2C	5510	102	106T	10.56	11.01	10.73		2C	5510	102	242T	10.65	10.61	
		5590	118	106T	14.48	14.91	14.82			5590	118	242T	14.39	14.71	
		5710	142	106T	14.42	14.93	14.67			5710	142	242T	11.17	11.36	
	3	5755	151	106T	14.18	14.70	14.23		3	5755	151	242T	14.08	14.29	
		5795	159	106T	14.11	14.52	14.19			5795	159	242T	14.11	13.91	

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	11.33			
	5230	46	484T	16.41			
2A	5270	54	484T	15.02			
	5310	62	484T	12.42			
2C	5510	102	484T	10.53			
	5590	118	484T	14.24			
	5710	142	484T	14.37			
3	5755	151	484T	14.09			
	5795	159	484T	14.13			

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	18	36						37	44	52
1	5210	42	26T	10.44	10.79	10.58	1	5210	42	52T	11.02	11.46	11.19		
2A	5290	58	26T	NS	NS	NS	2A	5290	58	52T	8.88	9.34	9.08		
2C	5530	106	26T	NS	NS	NS	2C	5530	106	52T	8.93	9.27	9.16		
	5610	122	26T	NS	NS	NS		5610	122	52T	13.47	13.79	13.56		
	5690	138	26T	NS	NS	NS		5690	138	52T	13.55	13.63	13.59		
3	5775	155	26T	10.51	10.88	10.67	3	5775	155	52T	13.56	13.84	13.65		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
1	5210	42	106T	10.89	11.65	11.43	1	5210	42	242T	11.09	11.45	11.19		
2A	5290	58	106T	11.04	11.59	11.27	2A	5290	58	242T	11.04	11.72	11.32		
2C	5530	106	106T	8.96	9.34	9.16	2C	5530	106	242T	8.91	9.36	9.13		
	5610	122	106T	14.42	14.97	14.63		5610	122	242T	14.49	14.84	14.66		
	5690	138	106T	14.53	14.88	14.76		5690	138	242T	11.39	11.78	11.67		
3	5775	155	106T	13.87	14.31	14.06	3	5775	155	242T	14.43	14.79	14.63		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	66	N/A						67	N/A	N/A
1	5210	42	484T	11.08	11.14		1	5210	42	996T	11.10				
2A	5290	58	484T	11.01	11.18		2A	5290	58	996T	11.02				
2C	5530	106	484T	8.92	9.06		2C	5530	106	996T	8.94				
	5610	122	484T	14.43	14.64			5610	122	996T	14.39				
	5690	138	484T	14.39	14.54			5690	138	996T	14.46				
3	5775	155	484T	14.41	14.49		3	5775	155	996T	13.92				

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	36						37	44	52
2A	5250	50	26T	6.43	6.98	6.46	2A	5250	50	52T	6.51	6.54	6.42		
2C	5570	114	26T	5.95	6.37	5.84	2C	5570	114	52T	6.04	5.84	6.01		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
2A	5250	50	106T	6.37	6.55	6.46	2A	5250	50	242T	6.40	6.72	6.54		
2C	5570	114	106T	6.11	6.30	6.07	2C	5570	114	242T	5.88	6.07	6.03		

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160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	66	N/A						67	N/A	N/A
2A	5250	50	484T	6.56	6.67		2A	5250	50	996T	6.58				
2C	5570	114	484T	6.07	6.18		2C	5570	114	996T	6.09				

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
2A	5250	50	996Tx2	6.56			
2C	5570	114	996Tx2	6.07			

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**Table F-4  
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF5B**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	4	8						37	39	40
20MHz BW	1	5180	36	26T	10.58	11.02	10.55	20MHz BW	1	5180	36	52T	13.68	13.77	13.48
		5200	40	26T	10.64	11.07	10.59			5200	40	52T	13.60	13.88	13.56
		5240	48	26T	10.67	11.11	10.67			5240	48	52T	13.80	13.92	13.62
	2A	5260	52	26T	NS	NS	NS		2A	5260	52	52T	13.61	13.90	13.62
		5280	56	26T	NS	NS	NS			5280	56	52T	13.45	13.77	13.64
		5320	64	26T	NS	NS	NS			5320	64	52T	13.61	13.94	13.69
	2C	5500	100	26T	NS	NS	NS		2C	5500	100	52T	13.61	13.92	13.66
		5600	120	26T	NS	NS	NS			5600	120	52T	13.40	13.67	13.43
		5720	144	26T	NS	NS	NS			5720	144	52T	13.65	13.92	13.65
3	5745	149	26T	10.22	10.67	10.23	3	5745	149	52T	13.22	13.52	13.26		
	5785	157	26T	9.98	10.49	10.06		5785	157	52T	13.07	13.37	13.07		
	5825	165	26T	9.93	10.42	10.03		5825	165	52T	12.91	13.25	13.00		

  

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	N/A						61	N/A	N/A
20MHz BW	1	5180	36	106T	15.02	14.99		20MHz BW	1	5180	36	242T	15.04		
		5200	40	106T	15.12	15.10				5200	40	242T	15.05		
		5240	48	106T	14.88	14.87				5240	48	242T	14.85		
	2A	5260	52	106T	14.91	14.81			2A	5260	52	242T	14.84		
		5280	56	106T	14.95	14.89				5280	56	242T	14.84		
		5320	64	106T	14.99	15.07				5320	64	242T	15.48		
	2C	5500	100	106T	13.75	13.79			2C	5500	100	242T	14.26		
		5600	120	106T	14.35	14.30				5600	120	242T	14.30		
		5720	144	106T	14.49	14.50				5720	144	242T	14.48		
3	5745	149	106T	15.36	15.38		3	5745	149	242T	15.36				
	5785	157	106T	15.21	15.17			5785	157	242T	15.22				
	5825	165	106T	15.28	15.34			5825	165	242T	15.29				

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
40MHz BW	1	5190	38	26T	10.55	11.20	10.58	40MHz BW	1	5190	38	52T	11.39	11.96	11.51
		5230	46	26T	10.41	11.10	10.63			5230	46	52T	13.03	13.85	13.40
	2A	5270	54	26T	NS	NS	NS		2A	5270	54	52T	13.06	13.68	13.35
		5310	62	26T	NS	NS	NS			5310	62	52T	12.22	12.91	12.39
	2C	5510	102	26T	NS	NS	NS		2C	5510	102	52T	10.45	11.13	10.58
		5590	118	26T	NS	NS	NS			5590	118	52T	13.44	14.02	13.88
		5710	142	26T	NS	NS	NS			5710	142	52T	13.55	14.27	13.92
	3	5755	151	26T	10.13	10.86	10.20		3	5755	151	52T	13.16	13.84	13.50
		5795	159	26T	9.96	10.70	10.16			5795	159	52T	13.22	13.88	13.42

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
40MHz BW	1	5190	38	106T	11.52	11.96	11.64	40MHz BW	1	5190	38	242T	11.64	11.81	
		5230	46	106T	14.56	15.06	14.81			5230	46	242T	14.73	14.98	
	2A	5270	54	106T	14.46	14.98	14.75		2A	5270	54	242T	14.64	14.88	
		5310	62	106T	12.37	12.66	12.51			5310	62	242T	12.36	12.63	
	2C	5510	102	106T	10.59	11.12	10.67		2C	5510	102	242T	10.77	10.82	
		5590	118	106T	14.64	15.09	15.03			5590	118	242T	15.27	15.48	
		5710	142	106T	14.71	15.19	14.97			5710	142	242T	11.51	11.26	
	3	5755	151	106T	14.85	15.39	15.14		3	5755	151	242T	15.02	15.29	
		5795	159	106T	14.88	15.41	15.05			5795	159	242T	15.06	15.15	

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	11.53			
	5230	46	484T	14.89			
2A	5270	54	484T	14.79			
	5310	62	484T	12.51			
2C	5510	102	484T	10.49			
	5590	118	484T	15.02			
	5710	142	484T	15.27			
3	5755	151	484T	15.36			
	5795	159	484T	15.20			

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	18	36						37	44	52
1	5210	42	26T	10.87	11.31	10.76	1	5210	42	52T	10.96	11.26	10.87		
2A	5290	58	26T	NS	NS	NS	2A	5290	58	52T	9.07	9.42	9.08		
2C	5530	106	26T	NS	NS	NS	2C	5530	106	52T	8.89	9.13	8.87		
	5610	122	26T	NS	NS	NS		5610	122	52T	13.30	13.41	13.17		
3	5690	138	26T	NS	NS	NS	3	5690	138	52T	13.33	13.66	13.67		
	5775	155	26T	10.32	10.65	10.49		5775	155	52T	13.21	13.42	13.33		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
1	5210	42	106T	11.07	11.31	11.05	1	5210	42	242T	11.00	11.48	11.06		
2A	5290	58	106T	11.02	11.37	11.03	2A	5290	58	242T	10.97	11.28	11.02		
2C	5530	106	106T	9.06	9.25	9.01	2C	5530	106	242T	9.04	9.30	8.98		
	5610	122	106T	14.19	14.23	14.06		5610	122	242T	14.21	14.33	14.06		
3	5690	138	106T	14.96	15.28	15.31	3	5690	138	242T	11.22	11.51	11.32		
	5775	155	106T	14.29	14.47	14.48		5775	155	242T	14.48	14.81	14.61		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	66	N/A						67	N/A	N/A
1	5210	42	484T	11.10	11.18		1	5210	42	996T	11.15				
2A	5290	58	484T	10.95	10.91		2A	5290	58	996T	11.01				
2C	5530	106	484T	8.91	8.88		2C	5530	106	996T	9.02				
	5610	122	484T	14.54	14.47			5610	122	996T	14.38				
3	5690	138	484T	13.48	13.66		3	5690	138	996T	15.15				
	5775	155	484T	14.42	14.52			5775	155	996T	15.07				

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	36						37	44	52
2A	5250	50	26T	6.54	6.96	6.50	2A	5250	50	52T	6.47	6.65	6.71		
2C	5570	114	26T	6.04	6.65	6.12	2C	5570	114	52T	5.94	6.11	6.24		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
2A	5250	50	106T	6.42	6.75	6.45	2A	5250	50	242T	6.43	6.91	6.53		
2C	5570	114	106T	6.15	6.43	6.32	2C	5570	114	242T	5.92	6.07	5.99		

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160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	66	N/A						67	N/A	N/A
					2A	5250	50						484T	6.52	6.69
2C	5570	114	484T	5.98	6.11		2C	5570	114	996T	6.12				

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
					2A	5250	50
2C	5570	114	996Tx2	5.94			

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**Table F-5**  
**Maximum 6 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF5T**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	4	8						37	39	40	
5	5	5955	1	26T	-5.39	-4.81	-5.30	5	5	5955	1	52T	-2.73	-2.43	-2.67	
		6175	45	26T	-5.53	-5.13	-5.49			6175	45	52T	-3.12	-2.78	-2.96	
		6415	93	26T	-5.15	-5.19	-5.05			6415	93	52T	-3.45	-3.10	-3.30	
	6	6	6435	97	26T	-5.74	-5.16	-5.02	6	6	6435	97	52T	-2.25	-1.85	-2.15
			6475	105	26T	-5.51	-4.93	-4.82			6475	105	52T	-2.52	-2.20	-2.43
			6515	113	26T	-5.17	-4.68	-5.03			6515	113	52T	-2.21	-1.86	-2.10
	7	7	6535	117	26T	-4.90	-4.40	-4.79	7	7	6535	117	52T	-2.20	-1.84	-2.14
			6695	149	26T	-4.84	-4.37	-4.72			6695	149	52T	-2.33	-2.00	-2.23
			6875	185	26T	-4.95	-4.52	-4.99			6875	185	52T	-1.67	-1.48	-1.79
8	8	6895	189	26T	-3.71	-3.36	-3.82	8	8	6895	189	52T	-0.62	-0.39	-0.74	
		6995	209	26T	-3.67	-3.54	-4.10			6995	209	52T	-0.77	-0.69	-1.07	
		7115	233	26T	NS	NS	NS			7115	233	52T	NS	NS	NS	

  

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					53	54	N/A						61	N/A	N/A	
5	5	5955	1	106T	0.05	0.07		5	5	5955	1	242T	2.99			
		6175	45	106T	0.46	0.50				6175	45	242T	3.02			
		6415	93	106T	-0.49	-0.45				6415	93	242T	2.94			
	6	6	6435	97	106T	1.62	1.64		6	6	6435	97	242T	2.82		
			6475	105	106T	1.55	1.61				6475	105	242T	2.81		
			6515	113	106T	1.68	1.79				6515	113	242T	3.01		
	7	7	6535	117	106T	1.74	1.85		7	7	6535	117	242T	3.11		
			6695	149	106T	0.62	0.63				6695	149	242T	3.47		
			6875	185	106T	0.92	0.62				6875	185	242T	3.30		
8	8	6895	189	106T	2.35	2.25		8	8	6895	189	242T	3.54			
		6995	209	106T	1.82	1.63				6995	209	242T	3.79			
		7115	233	106T	NS	NS				7115	233	242T	NS			

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	8	17						37	40	44	
5	5	5965	3	26T	-5.90	-5.04	-5.76	5	5	5965	3	52T	-2.20	-1.55	-2.12	
		6165	43	26T	-6.39	-5.65	-6.20			6165	43	52T	-3.33	-2.62	-3.14	
		6405	91	26T	-6.01	-5.33	-5.70			6405	91	52T	-3.38	-2.62	-3.10	
	6	6	6445	99	26T	-5.59	-4.80	-5.31	6	6	6445	99	52T	-2.88	-2.22	-2.70
			6485	107	26T	-5.40	-4.59	-5.22			6485	107	52T	-2.70	-2.05	-2.55
			6525	115	26T	-5.02	-4.18	-4.65			6525	115	52T	-2.41	-1.66	-2.13
	7	7	6565	123	26T	-5.29	-4.51	-5.08	7	7	6565	123	52T	-2.65	-1.95	-2.42
			6725	155	26T	-5.32	-4.51	-5.09			6725	155	52T	-2.34	-1.81	-2.35
			6845	179	26T	-4.87	-4.28	-5.10			6845	179	52T	-1.84	-1.34	-2.04
8	8	6885	187	26T	-4.50	-4.01	-4.82	8	8	6885	187	52T	-1.75	-1.18	-1.91	
		7005	211	26T	-4.23	-3.88	-4.89			7005	211	52T	-0.90	-0.64	-1.63	
		7085	227	26T	-3.88	-3.64	-4.90			7085	227	52T	-0.63	-0.42	-1.63	

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
5	5	5965	3	106T	0.83	1.32	0.88
		6165	43	106T	-0.24	0.23	-0.13
		6405	91	106T	-0.11	0.49	0.14
6	6	6445	99	106T	1.51	1.98	1.46
		6485	107	106T	1.43	1.88	1.44
		6525	115	106T	1.62	1.96	1.65
7	7	6565	123	106T	0.03	0.60	0.23
		6725	155	106T	1.36	1.87	1.48
		6845	179	106T	1.48	1.92	1.34
8	8	6885	187	106T	0.97	1.43	0.82
		7005	211	106T	2.34	2.57	1.66
		7085	227	106T	1.95	2.10	1.04

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
5	5965	3	242T	2.85	2.98		
	6165	43	242T	2.98	2.90		
	6405	91	242T	2.75	2.77		
6	6445	99	242T	3.16	3.14		
	6485	107	242T	3.13	3.25		
	6525	115	242T	3.20	3.23		
7	6565	123	242T	3.51	3.58		
	6725	155	242T	3.70	3.88		
	6845	179	242T	3.75	3.66		
8	6885	187	242T	2.62	2.53		
	7005	211	242T	3.58	3.61		
	7085	227	242T	3.49	3.33		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
5	5965	3	484T	6.23			
	6165	43	484T	5.81			
	6405	91	484T	6.00			
6	6445	99	484T	6.11			
	6485	107	484T	6.08			
	6525	115	484T	6.19			
7	6565	123	484T	6.28			
	6725	155	484T	6.50			
	6845	179	484T	6.50			
8	6885	187	484T	6.67			
	7005	211	484T	6.53			
	7085	227	484T	6.15			

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
5	5985	7	26T	-5.89	-5.42	-5.71	
	6145	39	26T	-5.74	-5.50	-5.61	
	6385	87	26T	-5.91	-5.56	-5.69	
6	6465	103	26T	-5.58	-4.90	-5.16	
	6545	119	26T	-5.46	-5.09	-5.18	
7	6705	151	26T	-5.67	-4.91	-5.35	
	6865	183	26T	-5.57	-4.95	-5.29	
	6945	199	26T	-4.51	-4.05	-4.26	
8	7025	215	26T	-4.44	-3.89	-4.16	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
5	5985	7	52T	-2.90	-2.42	-2.68	
	6145	39	52T	-3.01	-2.50	-2.84	
	6385	87	52T	-2.86	-2.45	-2.67	
6	6465	103	52T	-2.60	-2.11	-2.38	
	6545	119	52T	-2.69	-1.96	-2.41	
7	6705	151	52T	-2.63	-2.02	-2.26	
	6865	183	52T	-2.44	-1.89	-2.15	
	6945	199	52T	-1.42	-0.93	-1.24	
8	7025	215	52T	-1.55	-1.04	-1.29	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
5	5985	7	106T	-0.12	0.46	0.19	
	6145	39	106T	0.25	0.87	0.38	
	6385	87	106T	-0.15	0.52	0.08	
6	6465	103	106T	0.98	1.34	1.21	
	6545	119	106T	0.94	1.40	1.14	
7	6705	151	106T	0.86	1.43	1.23	
	6865	183	106T	1.06	1.50	1.22	
	6945	199	106T	1.92	2.59	2.30	
8	7025	215	106T	1.87	2.62	2.36	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
5	5985	7	242T	2.16	2.78	2.61	
	6145	39	242T	2.23	2.72	2.54	
	6385	87	242T	2.19	2.81	2.65	
6	6465	103	242T	2.90	3.49	3.36	
	6545	119	242T	3.00	3.52	3.27	
7	6705	151	242T	3.11	3.34	3.18	
	6865	183	242T	2.94	3.41	3.22	
	6945	199	242T	3.97	4.43	4.31	
8	7025	215	242T	3.88	4.46	4.22	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
5	5985	7	484T	5.42	5.63		
	6145	39	484T	5.71	5.84		
	6385	87	484T	5.54	5.73		
6	6465	103	484T	5.95	6.09		
	6545	119	484T	6.03	6.12		
7	6705	151	484T	6.01	6.16		
	6865	183	484T	5.91	6.07		
	6945	199	484T	7.06	7.18		
8	7025	215	484T	6.94	7.05		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
5	5985	7	996T	8.65			
	6145	39	996T	8.72			
	6385	87	996T	8.57			
6	6465	103	996T	9.04			
	6545	119	996T	9.11			
7	6705	151	996T	8.94			
	6865	183	996T	8.88			
	6945	199	996T	10.11			
8	7025	215	996T	10.07			

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
5	6025	15	26T	-5.88	-5.46	-5.66	
	6185	47	26T	-5.68	-5.41	-5.57	
	6345	79	26T	-5.76	-5.55	-5.70	
6	6505	111	26T	-5.56	-5.03	-5.17	
7	6665	143	26T	-5.61	-5.08	-5.39	
	6825	175	26T	-5.64	-5.01	-5.38	
8	6985	207	26T	-4.62	-4.15	-4.27	

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					37	44	52						53	56	60
5	6025	15	52T	-2.75	-2.43	-2.78	5	6025	15	106T	-0.17	0.49	0.21		
	6185	47	52T	-3.04	-2.56	-2.73		6185	47	106T	0.07	0.78	0.39		
	6345	79	52T	-2.92	-2.48	-2.69		6345	79	106T	-0.26	0.43	0.11		
6	6505	111	52T	-2.57	-2.00	-2.39	6	6505	111	106T	0.92	1.54	1.30		
7	6665	143	52T	-2.45	-1.93	-2.32	7	6665	143	106T	0.97	1.41	1.24		
	6825	175	52T	-2.52	-2.08	-2.25		6825	175	106T	1.07	1.49	1.31		
8	6985	207	52T	-1.63	-1.02	-1.38	8	6985	207	106T	1.99	2.52	2.41		

  

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					61	62	64						65	66	N/A
5	6025	15	242T	2.41	2.98	2.77	5	6025	15	484T	5.59	5.68			
	6185	47	242T	2.28	2.84	3.69		6185	47	484T	5.64	5.73			
	6345	79	242T	2.31	2.89	2.64		6345	79	484T	5.48	5.61			
6	6505	111	242T	2.89	3.35	3.12	6	6505	111	484T	6.03	6.12			
7	6665	143	242T	2.95	3.58	3.40	7	6665	143	484T	5.84	5.98			
	6825	175	242T	2.91	3.60	3.28		6825	175	484T	5.96	6.11			
8	6985	207	242T	4.02	4.67	4.26	8	6985	207	484T	6.93	7.09			

  

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					67(L)	N/A	N/A						67(H)	N/A	N/A
5	6025	15	996T	8.44			5	6025	15	996Tx2	11.09				
	6185	47	996T	8.83				6185	47	996Tx2	11.36				
	6345	79	996T	8.54				6345	79	996Tx2	11.12				
6	6505	111	996T	9.06			6	6505	111	996Tx2	11.61				
7	6665	143	996T	9.12			7	6665	143	996Tx2	11.47				
	6825	175	996T	8.97				6825	175	996Tx2	11.53				
8	6985	207	996T	10.02			8	6985	207	996Tx2	12.41				

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**Table F-6**  
**Maximum 6 GHz 802.11ax RU Time-Averaged WLAN Output Power – Ant WF5B**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	4	8						37	39	40
20MHz BW	5	5955	1	26T	-5.15	-4.63	-5.13	20MHz BW	5	5955	1	52T	-1.84	-1.52	-1.81
		6175	45	26T	-5.77	-5.19	-5.56			6175	45	52T	-2.15	-1.71	-1.92
		6415	93	26T	-5.36	-4.91	-5.36			6415	93	52T	-2.29	-2.43	-2.68
	6	6435	97	26T	-4.83	-4.34	-4.81		6	6435	97	52T	-1.65	-1.28	-1.61
		6475	105	26T	-4.92	-4.45	-5.01			6475	105	52T	-1.75	-1.49	-1.80
		6515	113	26T	-4.49	-4.04	-4.47			6515	113	52T	-1.54	-1.28	-1.56
	7	6535	117	26T	-4.48	-4.11	-4.61		7	6535	117	52T	-1.59	-1.37	-1.71
		6695	149	26T	-4.39	-4.05	-4.69			6695	149	52T	-1.41	-1.15	-1.51
		6875	185	26T	-4.76	-4.54	-5.07			6875	185	52T	-1.66	-1.58	-1.89
8	6895	189	26T	-3.54	-3.26	-3.81	8	6895	189	52T	-0.68	-0.53	-0.91		
	6995	209	26T	-3.79	-3.53	-4.05		6995	209	52T	-0.52	-0.40	-0.82		
	7115	233	26T	NS	NS	NS		7115	233	52T	NS	NS	NS		

  

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	N/A						61	N/A	N/A
20MHz BW	5	5955	1	106T	0.12	0.16		20MHz BW	5	5955	1	242T	2.63		
		6175	45	106T	0.41	0.58				6175	45	242T	2.64		
		6415	93	106T	0.31	0.44				6415	93	242T	2.74		
	6	6435	97	106T	1.80	1.89			6	6435	97	242T	2.68		
		6475	105	106T	1.91	1.77				6475	105	242T	2.36		
		6515	113	106T	1.81	1.76				6515	113	242T	2.43		
	7	6535	117	106T	0.08	0.11			7	6535	117	242T	2.79		
		6695	149	106T	0.67	0.53				6695	149	242T	2.87		
		6875	185	106T	1.26	1.09				6875	185	242T	2.64		
8	6895	189	106T	2.23	2.07		8	6895	189	242T	3.38				
	6995	209	106T	1.56	1.69			6995	209	242T	3.23				
	7115	233	106T	NS	NS			7115	233	242T	NS				

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
40MHz BW	5	5965	3	26T	-5.77	-5.01	-5.41	40MHz BW	5	5965	3	52T	-2.53	-1.87	-2.43
		6165	43	26T	-5.33	-5.09	-5.31			6165	43	52T	-2.56	-1.81	-3.31
		6405	91	26T	-5.39	-4.63	-5.30			6405	91	52T	-2.23	-1.51	-2.08
	6	6445	99	26T	-4.99	-4.21	-4.85		6	6445	99	52T	-2.17	-1.64	-2.12
		6485	107	26T	-5.03	-4.14	-4.84			6485	107	52T	-2.29	-1.71	-2.41
		6525	115	26T	-4.93	-4.11	-4.95			6525	115	52T	-2.30	-1.63	-2.25
	7	6565	123	26T	-4.98	-4.19	-4.79		7	6565	123	52T	-2.28	-1.79	-2.57
		6725	155	26T	-4.92	-4.62	-4.94			6725	155	52T	-1.44	-1.09	-1.89
		6845	179	26T	-4.95	-4.18	-4.65			6845	179	52T	-1.63	-1.30	-2.19
8	6885	187	26T	-5.54	-4.78	-5.40	8	6885	187	52T	-1.68	-1.41	-2.32		
	7005	211	26T	-4.11	-3.38	-4.17		7005	211	52T	-1.14	-0.04	-1.46		
	7085	227	26T	-4.11	-3.35	-3.95		7085	227	52T	-1.21	-0.94	-1.89		

  

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
40MHz BW	5	5965	3	106T	0.48	1.09	0.58	40MHz BW	5	5965	3	242T	2.50	2.47	
		6165	43	106T	-0.06	0.52	0.25			6165	43	242T	2.57	2.63	
		6405	91	106T	0.53	1.13	0.54			6405	91	242T	2.73	2.63	
	6	6445	99	106T	0.54	0.60	0.59		6	6445	99	242T	3.12	3.13	
		6485	107	106T	1.70	1.98	1.57			6485	107	242T	3.01	2.97	
		6525	115	106T	1.73	1.93	1.65			6525	115	242T	2.89	2.93	
	7	6565	123	106T	0.97	1.36	1.19		7	6565	123	242T	2.88	2.91	
		6725	155	106T	1.03	1.41	1.24			6725	155	242T	2.99	3.01	
		6845	179	106T	0.95	1.29	1.12			6845	179	242T	2.88	2.92	
8	6885	187	106T	1.15	1.36	0.70	8	6885	187	242T	3.14	2.88			
	7005	211	106T	1.60	1.89	1.52		7005	211	242T	3.35	3.41			
	7085	227	106T	1.63	1.82	1.46		7085	227	242T	3.65	3.55			



40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
5		5965	3	484T	5.13		
		6165	43	484T	5.56		
		6405	91	484T	5.61		
6		6445	99	484T	5.51		
		6485	107	484T	5.65		
		6525	115	484T	5.83		
7		6565	123	484T	5.72		
		6725	155	484T	5.63		
		6845	179	484T	5.53		
8		6885	187	484T	5.70		
		7005	211	484T	6.17		
		7085	227	484T	6.13		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	18	36						37	44	52
5		5985	7	26T	-4.78	-4.53	-4.53	5		5985	7	52T	-2.59	-1.51	-2.25
		6145	39	26T	-5.91	-4.79	-5.01			6145	39	52T	-2.75	-1.61	-1.84
		6385	87	26T	-5.41	-4.89	-5.32			6385	87	52T	-2.84	-1.66	-2.48
6		6465	103	26T	-5.11	-4.26	-5.31	6		6465	103	52T	-2.57	-1.61	-2.86
		6545	119	26T	-4.51	-4.12	-5.09			6545	119	52T	-2.28	-1.12	-2.20
		6705	151	26T	-4.71	-4.03	-5.78			6705	151	52T	-1.41	-1.05	-2.48
7		6865	183	26T	-4.25	-4.22	-5.77	7		6865	183	52T	-2.43	-1.16	-2.54
		6945	199	26T	-3.08	-3.01	-4.41			6945	199	52T	-0.56	-0.23	-1.83
		7025	215	26T	-3.66	-3.43	-4.98			7025	215	52T	-1.87	-0.23	-1.75

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
5		5985	7	106T	-0.29	0.84	0.03	5		5985	7	242T	2.73	3.12	2.58
		6145	39	106T	-0.13	1.13	0.78			6145	39	242T	2.67	2.95	2.57
		6385	87	106T	0.23	1.38	0.43			6385	87	242T	2.50	3.13	2.51
6		6465	103	106T	1.73	1.87	1.65	6		6465	103	242T	2.89	3.23	2.53
		6545	119	106T	1.63	1.76	1.71			6545	119	242T	2.76	3.39	2.48
		6705	151	106T	1.54	1.87	1.03			6705	151	242T	2.94	3.55	2.76
7		6865	183	106T	1.74	1.84	1.42	7		6865	183	242T	2.83	3.32	2.61
		6945	199	106T	1.96	2.07	1.68			6945	199	242T	3.32	3.94	3.33
		7025	215	106T	1.63	1.93	1.64			7025	215	242T	3.52	3.78	3.44

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	66	N/A						67	N/A	N/A
5		5985	7	484T	5.34	5.14		5		5985	7	996T	8.01		
		6145	39	484T	5.41	5.44				6145	39	996T	8.13		
		6385	87	484T	5.72	5.71				6385	87	996T	7.87		
6		6465	103	484T	5.33	5.48		6		6465	103	996T	8.15		
		6545	119	484T	5.64	5.82				6545	119	996T	8.46		
		6705	151	484T	5.82	5.61				6705	151	996T	8.55		
7		6865	183	484T	5.52	5.31		7		6865	183	996T	8.31		
		6945	199	484T	6.63	6.12				6945	199	996T	9.77		
		7025	215	484T	6.37	6.26				7025	215	996T	9.67		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	18	36						37	44	52
5		6025	15	26T	-5.84	-4.68	-4.53	5		6025	15	52T	-3.23	-2.53	-1.79
		6185	47	26T	-6.41	-5.02	-4.64			6185	47	52T	-3.43	-3.33	-2.23
		6345	79	26T	-6.28	-5.15	-4.56			6345	79	52T	-3.19	-3.02	-2.54
6		6505	111	26T	-5.04	-4.32	-4.15	6		6505	111	52T	-2.97	-2.82	-2.44
		6665	143	26T	-5.18	-4.22	-4.33			6665	143	52T	-1.71	-1.31	-1.28
		6825	175	26T	-4.25	-4.17	-4.32			6825	175	52T	-1.21	-1.23	-1.49
8		6985	207	26T	-4.51	-4.12	-4.29	8		6985	207	52T	-1.29	-1.09	-1.04

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
5		6025	15	106T	0.16	0.53	0.26
		6185	47	106T	0.39	0.69	0.41
		6345	79	106T	0.21	0.61	0.18
6		6505	111	106T	0.97	1.49	1.06
		6665	143	106T	1.05	1.31	1.12
		6825	175	106T	1.18	1.36	1.09
8		6985	207	106T	2.10	2.26	2.07

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160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					61	62	64						65	66	N/A
5	6025	15	242T	2.36	2.84	2.55	5	6025	15	484T	5.56	5.71			
	6185	47	242T	2.69	3.06	2.78		6185	47	484T	5.59	5.77			
	6345	79	242T	2.61	2.89	2.74		6345	79	484T	5.47	5.67			
6	6505	111	242T	2.88	3.26	3.13	6	6505	111	484T	5.92	6.09			
7	6665	143	242T	3.04	3.32	3.16	7	6665	143	484T	5.99	6.06			
	6825	175	242T	2.96	3.25	3.11		6825	175	484T	6.03	6.12			
8	6985	207	242T	4.02	4.48	4.12	8	6985	211	484T	7.07	7.15			

  

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					67(L)	N/A	N/A						67(L)	N/A	N/A
5	6025	15	996T	8.39			5	6025	15	996Tx2	11.07				
	6185	47	996T	8.81				6185	47	996Tx2	11.38				
	6345	79	996T	8.44				6345	79	996Tx2	10.91				
6	6505	111	996T	9.08			6	6505	111	996Tx2	11.59				
7	6665	143	996T	9.16			7	6665	143	996Tx2	11.48				
	6825	175	996T	9.09				6825	175	996Tx2	11.62				
8	6985	207	996T	10.11			8	6985	207	996Tx2	12.44				

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