APPENDIX F: 802.11AX RU SAR EXCLUSION

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 and 996T.

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. The tolerances specified in the tables in this document refers to conducted tolerances.

F.2 IEEE 802.11ax RU Target Powers

F.2.1 Maximum 802.11ax RU WLAN Output Power

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF8 Tolerance (+0/-3 dB)							
		SISO				MIMO			
		Tones							
		26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI 20 MHz Bandwidth	1	13.50	14.00	14.00	14.00	13.50	13.50	13.50	13.50
	2	13.50	16.50	16.50	16.50	13.50	16.00	16.00	16.00
	3	13.50	16.50	17.75	17.75	13.50	16.50	17.50	17.50
	4	13.50	16.50	19.00	19.00	13.50	16.50	18.50	18.50
	5	13.50	16.50	19.00	19.00	13.50	16.50	19.00	19.00
	6	13.50	16.50	19.00	19.00	13.50	16.50	19.00	19.00
	7	13.50	16.50	19.00	19.00	13.50	16.50	19.00	19.00
	8	13.50	16.50	18.00	18.00	13.50	16.50	17.50	17.50
	9	13.50	16.50	18.50	18.50	13.50	16.50	17.50	17.50
	10	13.50	15.75	15.75	15.75	13.50	15.50	15.50	15.50
	11	13.50	13.50	13.50	13.50	13.00	13.00	13.00	13.00
	12	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	13	NS	NS	NS	NS	NS	NS	NS	NS

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

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF7b Tolerance (+0/-3 dB)							
		SISO				MIMO			
		Tones							
		26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WIFI 20 MHz Bandwidth	1	13.50	14.00	14.00	14.00	13.50	13.50	13.50	13.50
	2	13.50	16.50	16.50	16.50	13.50	16.00	16.00	16.00
	3	13.50	16.50	17.75	17.75	13.50	16.50	17.50	17.50
	4	13.50	16.50	19.00	19.00	13.50	16.50	18.50	18.50
	5	13.50	16.50	19.50	20.00	13.50	16.50	19.50	19.50
	6	13.50	16.50	19.50	20.00	13.50	16.50	19.50	19.50
	7	13.50	16.50	19.50	19.50	13.50	16.50	19.00	19.00
	8	13.50	16.50	18.00	18.00	13.50	16.50	17.50	17.50
	9	13.50	16.50	18.50	18.50	13.50	16.50	17.50	17.50
	10	13.50	15.75	15.75	15.75	13.50	15.50	15.50	15.50
	11	13.50	13.50	13.50	13.50	13.00	13.00	13.00	13.00
	12	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	13	NS	NS	NS	NS	NS	NS	NS	NS

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

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF8 Tolerance (+0/-3 dB)																			
		SISO							MIMO CDD							MIMO SDM					
		Tones																			
		26T	52T	106T	242T	484T	996T	996Tx2	26T	52T	106T	242T	484T	996T	996Tx2	26T	52T	106T	242T	484T	996T	996Tx2
5 GHz WIFI 20 MHz Bandwidth	36	11.50	14.50	15.75	15.75				9.00	12.00	15.00	15.00				9.00	12.00	15.00	15.00			
	40	11.50	14.50	17.50	18.00				9.00	12.00	15.00	17.00				9.00	12.00	15.00	17.00			
	44	11.50	14.50	17.50	18.00				9.00	12.00	15.00	17.00				9.00	12.00	15.00	17.00			
	48	11.50	14.50	17.50	18.00				9.00	12.00	15.00	17.00				9.00	12.00	15.00	17.00			
	52	NS	14.50	17.50	18.00				NS	12.00	15.00	17.00				NS	12.00	15.00	17.00			
	56	NS	14.50	17.50	18.00				NS	12.00	15.00	17.00				NS	12.00	15.00	17.00			
	60	NS	14.50	17.50	18.00				NS	12.00	15.00	17.00				NS	12.00	15.00	17.00			
	64	NS	14.50	16.00	16.00				NS	12.00	15.00	15.00				NS	12.00	15.00	15.00			
	100	NS	14.50	15.00	15.00				NS	11.25	14.25	14.25				NS	12.00	14.25	14.25			
	104	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	108	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	112	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	116	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	120	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	124	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	128	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	132	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	136	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	140	NS	14.00	14.00	14.00				NS	11.25	13.50	13.50				NS	12.00	13.50	13.50			
	144	NS	14.50	16.25	16.25				NS	11.25	14.25	16.25				NS	12.00	15.00	16.25			
	149	11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00			
	153	11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00			
	157	11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00			
	161	11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00			
	165	11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00				11.50	14.50	17.00	17.00			
5 GHz WIFI 40 MHz Bandwidth	38	11.50	13.50	13.50	13.50	13.50			9.00	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00		
	46	11.50	14.50	17.50	19.50	18.00			9.00	12.00	15.00	17.00	18.00			9.00	12.00	15.00	17.00	18.00		
	54	NS	14.50	17.50	20.00	18.00			NS	12.00	15.00	17.00	18.00			NS	12.00	15.00	17.00	18.00		
	62	NS	14.50	14.50	14.50	14.50			NS	12.00	13.50	13.50	13.50			NS	12.00	13.50	13.50	13.50		
	102	NS	13.50	13.50	13.50	13.50			NS	11.25	12.75	12.75	12.75			NS	12.00	12.75	12.75	12.75		
	110	NS	14.50	16.25	19.00	16.25			NS	11.25	14.25	16.25	16.25			NS	12.00	15.00	17.00	16.25		
	118	NS	14.50	16.25	20.00	16.25			NS	11.25	14.25	16.25	16.25			NS	12.00	15.00	17.00	16.25		
	126	NS	14.50	16.25	20.00	16.25			NS	11.25	14.25	16.25	16.25			NS	12.00	15.00	17.00	16.25		
	134	NS	14.50	15.50	15.50	15.50			NS	11.25	14.25	15.00	15.00			NS	12.00	15.00	15.00	15.00		
	142	NS	14.50	16.25	14.00	16.25			NS	11.25	14.25	13.50	16.25			NS	12.00	15.00	13.50	16.25		
	151	11.50	14.50	17.00	20.50	17.00			11.50	14.50	17.00	20.50	17.00			11.50	14.50	17.00	20.50	17.00		
	159	11.50	14.50	17.00	20.50	17.00			11.50	14.50	17.00	20.50	17.00			11.50	14.50	17.00	20.50	17.00		
5 GHz WIFI 80 MHz Bandwidth	42	11.50	12.00	12.00	12.00	12.00	12.00		9.00	11.00	11.00	11.00	11.00	11.00		9.00	11.00	11.00	11.00	11.00	11.00	
	58	NS	14.00	14.00	14.00	14.00	14.00		NS	12.00	13.00	13.00	13.00	13.00		NS	12.00	13.00	13.00	13.00	13.00	
	106	NS	13.00	13.00	13.00	13.00	13.00		NS	11.25	11.50	11.50	11.50	11.50		NS	11.50	11.50	11.50	11.50	11.50	
	122	NS	14.50	16.25	17.50	17.50	16.25		NS	11.25	14.25	16.25	16.50	16.25		NS	12.00	15.00	16.50	16.50	16.25	
	138	NS	14.50	16.25	14.00	15.50	16.25		NS	11.25	14.25	13.50	15.00	16.25		NS	12.00	15.00	13.50	15.00	16.25	
	155	11.50	14.50	16.00	16.00	16.00	16.00		11.50	14.50	16.00	16.00	16.00	10.00		11.50	14.50	16.00	16.00	16.00	16.00	
5GHz WIFI 160 Mhz Bandwidth	50	NS	11.00	11.00	11.00	11.00	11.00	11.00	NS	10.00	10.00	10.00	10.00	NS	11.00	10.00	NS	10.00	10.00	10.00	10.00	10.00	10.00
	114	NS	10.50	10.50	10.50	10.50	10.50	10.50	NS	8.50	8.50	8.50	8.50	8.50	10.50	8.50	NS	8.50	8.50	8.50	8.50	8.50	8.50

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.
Note: 802.11a supports up to 20MHz, 802.11n supports up to 40MHz, 802.11ac/ax support up to 160MHz

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF7a Tolerance (+0/-3 dB)																			
		SISO							MIMO CDD							MIMO SDM					
		Tones																			
		26T	52T	106T	242T	484T	996T	996Tx2	26T	52T	106T	242T	484T	996T	996Tx2	26T	52T	106T	242T	484T	996T	996Tx2
5 GHz WIFI 20 MHz Bandwidth	36	11.50	14.50	15.75	15.75				9.00	12.00	15.00	15.00				9.00	12.00	15.00	15.00			
	40	11.50	14.50	16.25	16.25				9.00	12.00	15.00	16.25				9.00	12.00	15.00	16.25			
	44	11.50	14.50	16.25	16.25				9.00	12.00	15.00	16.25				9.00	12.00	15.00	16.25			
	48	11.50	14.50	16.25	16.25				9.00	12.00	15.00	16.25				9.00	12.00	15.00	16.25			
	52	NS	14.50	16.25	16.25				NS	12.00	15.00	16.25				NS	12.00	15.00	16.25			
	56	NS	14.50	16.25	16.25				NS	12.00	15.00	16.25				NS	12.00	15.00	16.25			
	60	NS	14.50	16.25	16.25				NS	12.00	15.00	16.25				NS	12.00	15.00	16.25			
	64	NS	14.50	16.00	16.00				NS	12.00	15.00	15.00				NS	12.00	15.00	15.00			
	100	NS	14.50	14.50	14.50				NS	11.25	14.25	14.25				NS	12.00	14.25	14.25			
	104	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	108	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	112	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	116	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	120	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	124	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	128	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	132	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	136	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	140	NS	14.00	14.00	14.00				NS	11.25	13.50	13.50				NS	12.00	13.50	13.50			
	144	NS	14.50	14.50	14.50				NS	11.25	14.25	14.50				NS	12.00	14.50	14.50			
	149	11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75			
	153	11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75			
	157	11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75			
	161	11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75			
	165	11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75				11.50	14.50	14.75	14.75			
5 GHz WIFI 40 MHz Bandwidth	38	11.50	13.50	13.50	13.50	13.50			9.00	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00		
	46	11.50	14.50	16.25	16.25	16.25			9.00	12.00	15.00	16.25	16.25			9.00	12.00	15.00	16.25	16.25		
	54	NS	14.50	16.25	16.25	16.25			NS	12.00	15.00	16.25	16.25			NS	12.00	15.00	16.25	16.25		
	62	NS	14.50	14.50	14.50	14.50			NS	12.00	13.50	13.50	13.50			NS	12.00	13.50	13.50	13.50		
	102	NS	13.50	13.50	13.50	13.50			NS	11.25	12.75	12.75	12.75			NS	12.00	12.75	12.75	12.75		
	110	NS	14.50	14.50	14.50	14.50			NS	11.25	14.25	14.50	14.50			NS	12.00	14.50	14.50	14.50		
	118	NS	14.50	14.50	14.50	14.50			NS	11.25	14.25	14.50	14.50			NS	12.00	14.50	14.50	14.50		
	126	NS	14.50	14.50	14.50	14.50			NS	11.25	14.25	14.50	14.50			NS	12.00	14.50	14.50	14.50		
	134	NS	14.50	14.50	14.50	14.50			NS	11.25	14.25	14.50	14.50			NS	12.00	14.50	14.50	14.50		
	142	NS	14.50	14.50	14.00	14.50			NS	11.25	14.25	13.50	14.50			NS	12.00	14.50	13.50	14.50		
	151	11.50	14.50	14.75	14.75	14.75			11.50	14.50	14.75	14.75	14.75			11.50	14.50	14.75	14.75	14.75		
	159	11.50	14.50	14.75	14.75	14.75			11.50	14.50	14.75	14.75	14.75			11.50	14.50	14.75	14.75	14.75		
5 GHz WIFI 80 MHz Bandwidth	42	11.50	12.00	12.00	12.00	12.00	12.00		9.00	11.00	11.00	11.00	11.00	11.00		9.00	11.00	11.00	11.00	11.00	11.00	
	58	NS	14.00	14.00	14.00	14.00	14.00		NS	12.00	13.00	13.00	13.00	13.00		NS	12.00	13.00	13.00	13.00	13.00	
	106	NS	13.00	13.00	13.00	13.00	13.00		NS	11.25	11.50	11.50	11.50	11.50		NS	11.50	11.50	11.50	11.50	11.50	
	122	NS	14.50	14.50	14.50	14.50	14.50		NS	11.25	14.25	14.50	14.50	14.50		NS	12.00	14.50	14.50	14.50	14.50	
	138	NS	14.50	14.50	14.00	14.50	14.50		NS	11.25	14.25	13.50	14.50	14.50		NS	12.00	14.50	13.50	14.50	14.50	
	155	11.50	14.50	14.75	14.75	14.75	14.75		11.50	14.50	14.75	14.75	14.75	14.75		11.50	14.50	14.75	14.75	14.75	14.75	
5GHz WIFI 160 Mhz Bandwidth	50	NS	11.00	11.00	11.00	11.00	11.00	11.00	NS	10.00	10.00	10.00	10.00	10.00	10.00	NS	10.00	10.00	10.00	10.00	10.00	10.00
	114	NS	10.50	10.50	10.50	10.50	10.50	10.50	NS	8.50	8.50	8.50	8.50	8.50	8.50	NS	8.50	8.50	8.50	8.50	8.50	8.50

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.
Note: 802.11a supports up to 20MHz, 802.11n supports up to 40MHz, 802.11ac/ax support up to 160MHz

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF8 Tolerance (+0/-3 dB)																			
		SISO							MIMO CDD							MIMO SDM						
		Tones																			
		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) (LP)	2	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	1	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	5	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	9-29	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	33-61	-4.75	-1.75	1.25	4.25				NS	-7.25	-4.25	-1.25				-7.25	-4.25	-1.25	1.75			
	65-85	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	89	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	93	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	97-113	-4.25	-1.25	1.75	4.75				NS	-6.50	-3.50	-0.50				-6.75	-3.75	-0.75	2.25			
	117-181	-3.75	-0.75	2.25	5.25				NS	-6.25	-3.25	-0.25				-6.25	-3.25	-0.25	2.75			
	185	-3.75	-0.75	2.25	5.25				NS	-6.25	-3.25	-0.25				-6.25	-3.25	-0.25	2.75			
	189-225	-2.25	0.75	3.75	6.75				-8.25	-5.25	-2.25	0.75				-5.25	-2.25	0.75	3.75			
	229	-2.25	0.75	3.75	6.75				-8.25	-5.25	-2.25	0.75				-5.25	-2.25	0.75	3.75			
	233	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
6 GHz WIFI (40MHz BW) (LP)	3	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	11	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	19-27	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	35-59	-4.75	-1.75	1.25	4.25	7.25			NS	-7.25	-4.25	-1.25	1.75			-7.25	-4.25	-1.25	1.75	4.75		
	67-75	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	83	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	91	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	99-107	-4.25	-1.25	1.75	4.75	7.75			NS	-6.50	-3.50	-0.50	2.50			-6.75	-3.75	-0.75	2.25	5.25		
	115	-4.25	-1.25	1.75	4.75	7.75			NS	-6.50	-3.50	-0.50	2.50			-6.75	-3.75	-0.75	2.25	5.25		
	123-179	-3.75	-0.75	2.25	5.25	8.25			NS	-6.25	-3.25	-0.25	2.75			-6.25	-3.25	-0.25	2.75	5.75		
	187	-3.75	-0.75	2.25	5.25	8.25			NS	-6.25	-3.25	-0.25	2.75			-6.25	-3.25	-0.25	2.75	5.75		
	195-219	-2.25	0.75	3.75	6.75	9.75			-8.25	-5.25	-2.25	0.75	3.75			-5.25	-2.25	0.75	3.75	6.75		
	227	-2.25	0.75	3.75	6.75	9.75			-8.25	-5.25	-2.25	0.75	3.75			-5.25	-2.25	0.75	3.75	6.75		
6 GHz WIFI (80MHz BW) (LP)	7	-5.50	-2.50	0.50	3.50	6.50	9.50		NS	-8.00	-5.00	-2.00	1.00	4.00		-8.00	-5.00	-2.00	1.00	4.00	7.00	
	23	-5.50	-2.50	0.50	3.50	6.50	9.50		NS	-8.00	-5.00	-2.00	1.00	4.00		-8.00	-5.00	-2.00	1.00	4.00	7.00	
	39-55	-4.75	-1.75	1.25	4.25	7.25	10.25		NS	-7.25	-4.25	-1.25	1.75	4.75		-7.25	-4.25	-1.25	1.75	4.75	7.75	
	71	-4.00	-1.00	2.00	5.00	8.00	11.00		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.50	-3.50	-0.50	2.50	5.50	8.50	
	87	-4.00	-1.00	2.00	5.00	8.00	11.00		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.50	-3.50	-0.50	2.50	5.50	8.50	
	103	-4.25	-1.25	1.75	4.75	7.75	10.75		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.75	-3.75	-0.75	2.25	5.25	8.25	
	119	-4.25	-1.25	1.75	4.75	7.75	10.75		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.75	-3.75	-0.75	2.25	5.25	8.25	
	135-167	-3.75	-0.75	2.25	5.25	8.25	11.25		NS	-6.25	-3.25	-0.25	2.75	5.75		-6.25	-3.25	-0.25	2.75	5.75	8.75	
	183	-3.75	-0.75	2.25	5.25	8.25	11.25		NS	-6.25	-3.25	-0.25	2.75	5.75		-6.25	-3.25	-0.25	2.75	5.75	8.75	
	199	-2.25	0.75	3.75	6.75	9.75	11.50		-8.25	-5.25	-2.25	0.75	3.75	6.75		-5.25	-2.25	0.75	3.75	6.75	9.75	
	215	-2.25	0.75	3.75	6.75	9.75	11.50		-8.25	-5.25	-2.25	0.75	3.75	6.75		-5.25	-2.25	0.75	3.75	6.75	9.75	
6 GHz WIFI (160MHz BW) (LP)	15	-5.50	-2.50	0.50	3.50	6.50	9.50	12.00	NS	-8.00	-5.00	-2.00	1.00	4.00	6.50	-8.00	-5.00	-2.00	1.00	4.00	7.00	9.50
	47	-4.75	-1.75	1.25	4.25	7.25	10.25	12.75	NS	-7.25	-4.25	-1.25	1.75	4.75	7.25	-7.25	-4.25	-1.25	1.75	4.75	7.75	10.25
	79	-4.00	-1.00	2.00	5.00	8.00	11.00	13.50	NS	-6.50	-3.50	-0.50	2.50	5.50	8.00	-6.50	-3.50	-0.50	2.50	5.50	8.50	11.00
	111	-4.25	-1.25	1.75	4.75	7.75	10.75	13.25	NS	-6.50	-3.50	-0.50	2.50	5.50	8.00	-6.75	-3.75	-0.75	2.25	5.25	8.25	10.75
	143	-3.75	-0.75	2.25	5.25	8.25	11.25	13.75	NS	-6.25	-3.25	-0.25	2.75	5.75	8.25	-6.25	-3.25	-0.25	2.75	5.75	8.75	11.25
	175	-3.75	-0.75	2.25	5.25	8.25	11.25	11.50	NS	-6.25	-3.25	-0.25	2.75	5.75	8.25	-6.25	-3.25	-0.25	2.75	5.75	8.75	11.25
	207	-2.25	0.75	3.75	6.75	9.75	12.75	11.50	-8.25	-5.25	-2.25	0.75	3.75	6.75	9.25	-5.25	-2.25	0.75	3.75	6.75	9.75	11.50

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.
Note: 802.11a supports up to 20MHz, 802.11n supports up to 40MHz, 802.11ac/ax support up to 160MHz

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF7a Tolerance (+0/-3 dB)																			
		SISO							MIMO CDD							MIMO SDM						
		Tones																			
		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) (LP)	2	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	1	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	5	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	9-29	-5.50	-2.50	0.50	3.50				NS	-8.00	-5.00	-2.00				-8.00	-5.00	-2.00	1.00			
	33-61	-4.75	-1.75	1.25	4.25				NS	-7.25	-4.25	-1.25				-7.25	-4.25	-1.25	1.75			
	65-85	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	89	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	93	-4.00	-1.00	2.00	5.00				NS	-6.50	-3.50	-0.50				-6.50	-3.50	-0.50	2.50			
	97-113	-4.25	-1.25	1.75	4.75				NS	-6.50	-3.50	-0.50				-6.75	-3.75	-0.75	2.25			
	117-181	-3.75	-0.75	2.25	5.25				NS	-6.25	-3.25	-0.25				-6.25	-3.25	-0.25	2.75			
	185	-3.75	-0.75	2.25	5.25				NS	-6.25	-3.25	-0.25				-6.25	-3.25	-0.25	2.75			
	189-225	-2.25	0.75	3.75	6.75				-8.25	-5.25	-2.25	0.75				-5.25	-2.25	0.75	3.75			
	229	-2.25	0.75	3.75	6.75				-8.25	-5.25	-2.25	0.75				-5.25	-2.25	0.75	3.75			
	233	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
6 GHz WIFI (40MHz BW) (LP)	3	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	11	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	19-27	-5.50	-2.50	0.50	3.50	6.50			NS	-8.00	-5.00	-2.00	1.00			-8.00	-5.00	-2.00	1.00	4.00		
	35-59	-4.75	-1.75	1.25	4.25	7.25			NS	-7.25	-4.25	-1.25	1.75			-7.25	-4.25	-1.25	1.75	4.75		
	67-75	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	83	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	91	-4.00	-1.00	2.00	5.00	8.00			NS	-6.50	-3.50	-0.50	2.50			-6.50	-3.50	-0.50	2.50	5.50		
	99-107	-4.25	-1.25	1.75	4.75	7.75			NS	-6.50	-3.50	-0.50	2.50			-6.75	-3.75	-0.75	2.25	5.25		
	115	-4.25	-1.25	1.75	4.75	7.75			NS	-6.50	-3.50	-0.50	2.50			-6.75	-3.75	-0.75	2.25	5.25		
	123-179	-3.75	-0.75	2.25	5.25	8.25			NS	-6.25	-3.25	-0.25	2.75			-6.25	-3.25	-0.25	2.75	5.75		
	187	-3.75	-0.75	2.25	5.25	8.25			NS	-6.25	-3.25	-0.25	2.75			-6.25	-3.25	-0.25	2.75	5.75		
	195-219	-2.25	0.75	3.75	6.75	9.75			-8.25	-5.25	-2.25	0.75	3.75			-5.25	-2.25	0.75	3.75	6.75		
	227	-2.25	0.75	3.75	6.75	9.75			-8.25	-5.25	-2.25	0.75	3.75			-5.25	-2.25	0.75	3.75	6.75		
6 GHz WIFI (80MHz BW) (LP)	7	-5.50	-2.50	0.50	3.50	6.50	9.50		NS	-8.00	-5.00	-2.00	1.00	4.00		-8.00	-5.00	-2.00	1.00	4.00	7.00	
	23	-5.50	-2.50	0.50	3.50	6.50	9.50		NS	-8.00	-5.00	-2.00	1.00	4.00		-8.00	-5.00	-2.00	1.00	4.00	7.00	
	39-55	-4.75	-1.75	1.25	4.25	7.25	10.25		NS	-7.25	-4.25	-1.25	1.75	4.75		-7.25	-4.25	-1.25	1.75	4.75	7.75	
	71	-4.00	-1.00	2.00	5.00	8.00	11.00		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.50	-3.50	-0.50	2.50	5.50	8.50	
	87	-4.00	-1.00	2.00	5.00	8.00	11.00		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.50	-3.50	-0.50	2.50	5.50	8.50	
	103	-4.25	-1.25	1.75	4.75	7.75	10.75		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.75	-3.75	-0.75	2.25	5.25	8.25	
	119	-4.25	-1.25	1.75	4.75	7.75	10.75		NS	-6.50	-3.50	-0.50	2.50	5.50		-6.75	-3.75	-0.75	2.25	5.25	8.25	
	135-167	-3.75	-0.75	2.25	5.25	8.25	11.25		NS	-6.25	-3.25	-0.25	2.75	5.75		-6.25	-3.25	-0.25	2.75	5.75	8.75	
	183	-3.75	-0.75	2.25	5.25	8.25	11.25		NS	-6.25	-3.25	-0.25	2.75	5.75		-6.25	-3.25	-0.25	2.75	5.75	8.75	
	199	-2.25	0.75	3.75	6.75	9.75	11.25		-8.25	-5.25	-2.25	0.75	3.75	6.75		-5.25	-2.25	0.75	3.75	6.75	9.75	
	215	-2.25	0.75	3.75	6.75	9.75	11.25		-8.25	-5.25	-2.25	0.75	3.75	6.75		-5.25	-2.25	0.75	3.75	6.75	9.75	
6 GHz WIFI (160MHz BW) (LP)	15	-5.50	-2.50	0.50	3.50	6.50	9.50	12.00	NS	-8.00	-5.00	-2.00	1.00	4.00	6.50	-8.00	-5.00	-2.00	1.00	4.00	7.00	9.50
	47	-4.75	-1.75	1.25	4.25	7.25	10.25	12.25	NS	-7.25	-4.25	-1.25	1.75	4.75	7.25	-7.25	-4.25	-1.25	1.75	4.75	7.75	10.25
	79	-4.00	-1.00	2.00	5.00	8.00	11.00	12.25	NS	-6.50	-3.50	-0.50	2.50	5.50	8.00	-6.50	-3.50	-0.50	2.50	5.50	8.50	11.00
	111	-4.25	-1.25	1.75	4.75	7.75	10.75	11.75	NS	-6.50	-3.50	-0.50	2.50	5.50	8.00	-6.75	-3.75	-0.75	2.25	5.25	8.25	10.75
	143	-3.75	-0.75	2.25	5.25	8.25	11.25	11.25	NS	-6.25	-3.25	-0.25	2.75	5.75	8.25	-6.25	-3.25	-0.25	2.75	5.75	8.75	11.25
	175	-3.75	-0.75	2.25	5.25	8.25	11.25	11.25	NS	-6.25	-3.25	-0.25	2.75	5.75	8.25	-6.25	-3.25	-0.25	2.75	5.75	8.75	11.25
	207	-2.25	0.75	3.75	6.75	9.75	12.75	11.25	-8.25	-5.25	-2.25	0.75	3.75	6.75	9.25	-5.25	-2.25	0.75	3.75	6.75	9.75	11.25

Note: In MIMO operations, each antenna transmits at maximum allowed powers as indicated above.
Note: 802.11a supports up to 20MHz, 802.11n supports up to 40MHz, 802.11ac/ax support up to 160MHz

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF8 Tolerance (+0/-3 dB)																				
		SISO							MIMO CDD							MIMO SDM						
		Tones																				
		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) (SP)	2	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	1	11.00	13.75	13.75	13.75				7.00	10.00	13.00	13.75				10.00	13.00	13.75	13.75			
	5	11.00	13.75	13.75	13.75				7.00	10.00	13.00	13.75				10.00	13.00	13.75	13.75			
	9-29	11.00	13.75	13.75	13.75				7.00	10.00	13.00	13.75				10.00	13.00	13.75	13.75			
	33-61	11.00	13.75	13.75	13.75				7.75	10.75	13.75	13.75				10.75	13.75	13.75	13.75			
	65-85	11.00	14.00	14.25	14.25				8.50	11.50	14.25	14.25				11.00	14.00	14.25	14.25			
	89	11.00	14.00	14.25	14.25				8.50	11.50	14.25	14.25				11.00	14.00	14.25	14.25			
	93	11.00	14.00	14.25	14.25				8.50	11.50	14.25	14.25				11.00	14.00	14.25	14.25			
	97-113	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	117-181	10.50	13.50	15.25	15.25				8.75	11.75	14.75	15.25				10.50	13.50	15.25	15.25			
	185	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	189-225	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	229	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	233	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
6 GHz WIFI (40MHz BW) (SP)	3	11.00	13.75	13.75	13.75	13.75			7.00	10.00	13.00	13.75	13.75			10.00	13.00	13.75	13.75	13.75		
	11	11.00	13.75	13.75	13.75	13.75			7.00	10.00	13.00	13.75	13.75			10.00	13.00	13.75	13.75	13.75		
	19-27	11.00	13.75	13.75	13.75	13.75			7.00	10.00	13.00	13.75	13.75			10.00	13.00	13.75	13.75	13.75		
	35-59	11.00	13.75	13.75	13.75	13.75			7.75	10.75	13.75	13.75	13.75			10.75	13.75	13.75	13.75	13.75		
	67-75	11.00	14.00	14.25	14.25	14.25			8.50	11.50	14.25	14.25	14.25			11.00	14.00	14.25	14.25	14.25		
	83	11.00	14.00	14.25	14.25	14.25			8.50	11.50	14.25	14.25	14.25			11.00	14.00	14.25	14.25	14.25		
	91	11.00	14.00	14.25	14.25	14.25			8.50	11.50	14.25	14.25	14.25			11.00	14.00	14.25	14.25	14.25		
	99-107	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	115	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	123-179	10.50	13.50	16.00	16.00	16.00			8.75	11.75	14.75	16.00	16.00			10.50	13.50	16.00	16.00	16.00		
	187	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	195-219	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	227	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
6 GHz WIFI (80MHz BW) (SP)	7	11.00	13.75	13.75	13.75	13.75	13.75		7.00	10.00	13.00	13.75	13.75	13.75		10.00	13.00	13.75	13.75	13.75	13.75	
	23	11.00	14.00	14.25	14.25	14.25	14.25		7.00	10.00	13.00	14.25	14.25	14.25		10.00	13.00	14.25	14.25	14.25	14.25	
	39-55	11.00	13.75	13.75	13.75	13.75	13.75		7.75	10.75	13.75	13.75	13.75	13.75		10.75	13.75	13.75	13.75	13.75	13.75	
	71	11.00	14.00	14.25	14.25	14.25	14.25		8.50	11.50	14.25	14.25	14.25	14.25		11.00	14.00	14.25	14.25	14.25	14.25	
	87	11.00	14.00	14.25	14.25	14.25	14.25		8.50	11.50	14.25	14.25	14.25	14.25		11.00	14.00	14.25	14.25	14.25	14.25	
	103	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	119	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	135-167	10.50	13.50	16.00	16.00	16.00	16.00		8.75	11.75	14.75	16.00	16.00	16.00		10.50	13.50	16.00	16.00	16.00	16.00	
	183	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	199	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	215	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
6 GHz WIFI (160MHz BW) (SP)	15	11.00	13.75	13.75	13.75	13.75	13.75	13.75	7.00	10.00	13.00	13.75	13.75	13.75	13.75	10.00	13.00	13.75	13.75	13.75	13.75	13.75
	47	11.00	13.75	13.75	13.75	13.75	13.75	13.75	7.75	10.75	13.75	13.75	13.75	13.75	13.75	10.75	13.75	13.75	13.75	13.75	13.75	13.75
	79	11.00	14.00	14.25	14.25	14.25	14.25	14.25	8.50	11.50	14.25	14.25	14.25	14.25	14.25	11.00	14.00	14.25	14.25	14.25	14.25	14.25
	111	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	143	10.50	13.50	16.00	16.00	16.00	16.00	16.00	8.75	11.75	14.75	16.00	16.00	16.00	16.00	10.50	13.50	16.00	16.00	16.00	16.00	16.00
	175	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	207	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

Mode	Channel	IEEE 802.11 (Maximum in dBm) - WF7a Tolerance (+0/-3 dB)																				
		SISO							MIMO CDD							MIMO SDM						
		Tones																				
		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) (SP)	2	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	1	11.00	12.25	12.25	12.25				7.00	10.00	12.25	12.25				10.00	12.25	12.25	12.25			
	5	11.00	12.25	12.25	12.25				7.00	10.00	12.25	12.25				10.00	12.25	12.25	12.25			
	9-29	11.00	12.25	12.25	12.25				7.00	10.00	12.25	12.25				10.00	12.25	12.25	12.25			
	33-61	11.00	12.25	12.25	12.25				7.75	10.75	12.25	12.25				10.75	12.25	12.25	12.25			
	65-85	11.00	12.25	12.25	12.25				8.50	11.50	12.25	12.25				11.00	12.25	12.25	12.25			
	89	11.00	12.25	12.25	12.25				8.50	11.50	12.25	12.25				11.00	12.25	12.25	12.25			
	93	11.00	12.25	12.25	12.25				8.50	11.50	12.25	12.25				11.00	12.25	12.25	12.25			
	97-113	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	117-181	10.50	11.25	11.25	11.25				8.75	11.25	11.25	11.25				10.50	11.25	11.25	11.25			
	185	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	189-225	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	229	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
	233	NS	NS	NS	NS				NS	NS	NS	NS				NS	NS	NS	NS			
6 GHz WIFI (40MHz BW) (SP)	3	11.00	12.25	12.25	12.25	12.25			7.00	10.00	12.25	12.25	12.25			10.00	12.25	12.25	12.25	12.25		
	11	11.00	12.25	12.25	12.25	12.25			7.00	10.00	12.25	12.25	12.25			10.00	12.25	12.25	12.25	12.25		
	19-27	11.00	12.25	12.25	12.25	12.25			7.00	10.00	12.25	12.25	12.25			10.00	12.25	12.25	12.25	12.25		
	35-59	11.00	12.25	12.25	12.25	12.25			7.75	10.75	12.25	12.25	12.25			10.75	12.25	12.25	12.25	12.25		
	67-75	11.00	12.25	12.25	12.25	12.25			8.50	11.50	12.25	12.25	12.25			11.00	12.25	12.25	12.25	12.25		
	83	11.00	12.25	12.25	12.25	12.25			8.50	11.50	12.25	12.25	12.25			11.00	12.25	12.25	12.25	12.25		
	91	11.00	12.25	12.25	12.25	12.25			8.50	11.50	12.25	12.25	12.25			11.00	12.25	12.25	12.25	12.25		
	99-107	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	115	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	123-179	10.50	11.25	11.25	11.25	11.25			8.75	11.25	11.25	11.25	11.25			10.50	11.25	11.25	11.25	11.25		
	187	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	195-219	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
	227	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS			NS	NS	NS	NS	NS		
6 GHz WIFI (80MHz BW) (SP)	7	11.00	12.25	12.25	12.25	12.25	12.25		7.00	10.00	12.25	12.25	12.25	12.25		10.00	12.25	12.25	12.25	12.25	12.25	
	23	11.00	12.25	12.25	12.25	12.25	12.25		7.00	10.00	12.25	12.25	12.25	12.25		10.00	12.25	12.25	12.25	12.25	12.25	
	39-55	11.00	12.25	12.25	12.25	12.25	12.25		7.75	10.75	12.25	12.25	12.25	12.25		10.75	12.25	12.25	12.25	12.25	12.25	
	71	11.00	12.25	12.25	12.25	12.25	12.25		8.50	11.50	12.25	12.25	12.25	12.25		11.00	12.25	12.25	12.25	12.25	12.25	
	87	11.00	12.25	12.25	12.25	12.25	12.25		8.50	11.50	12.25	12.25	12.25	12.25		11.00	12.25	12.25	12.25	12.25	12.25	
	103	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	119	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	135-167	10.50	11.25	11.25	11.25	11.25	11.25		8.75	11.25	11.25	11.25	11.25	11.25		10.50	11.25	11.25	11.25	11.25	11.25	
	183	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	199	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
	215	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	
6 GHz WIFI (160MHz BW) (SP)	15	11.00	12.25	12.25	12.25	12.25	12.25	12.25	7.00	10.00	12.25	12.25	12.25	12.25	12.25	10.00	12.25	12.25	12.25	12.25	12.25	12.25
	47	11.00	12.25	12.25	12.25	12.25	12.25	12.25	7.75	10.75	12.25	12.25	12.25	12.25	12.25	10.75	12.25	12.25	12.25	12.25	12.25	12.25
	79	11.00	12.25	12.25	12.25	12.25	12.25	12.25	8.50	11.50	12.25	12.25	12.25	12.25	12.25	11.00	12.25	12.25	12.25	12.25	12.25	12.25
	111	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	143	10.50	11.25	11.25	11.25	11.25	11.25	11.25	8.75	11.25	11.25	11.25	11.25	11.25	11.25	10.50	11.25	11.25	11.25	11.25	11.25	11.25
	175	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	207	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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

F.3 IEEE 802.11ax Measured Powers

Table F-1
Maximum 2.4 GHz 802.11ax RU Output Power – Ant WF8

Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)			Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		
			Ru Index						Ru Index		
			0	4	8				37	38	40
2412	1	26T	12.49	12.47	12.56	2412	1	52T	13.10	13.24	13.20
2437	6	26T	12.58	12.53	12.61	2437	6	52T	15.47	15.42	15.54
2462	11	26T	12.51	12.58	12.49	2462	11	52T	12.49	12.47	12.44

Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)
			Ru Index					Ru Index
			53	54				61
2412	1	106T	12.90	12.92	2412	1	242T	13.00
2437	6	106T	18.45	18.49	2437	6	242T	18.98
2462	11	106T	12.51	12.46	2462	11	242T	12.33

Table F-2
Maximum 2.4 GHz 802.11ax RU Output Power – Ant WF7b

Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)			Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		
			RU Index						Ru Index		
			0	4	8				37	38	40
2412	1	26T	12.45	12.55	12.49	2412	1	52T	13.07	13.12	12.94
2437	6	26T	12.44	12.52	12.35	2437	6	52T	15.52	15.70	15.63
2462	11	26T	12.59	12.54	12.38	2462	11	52T	12.52	12.62	12.65

Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)
			Ru Index					Ru Index
			53	54				61
2412	1	106T	13.08	13.03	2412	1	242T	13.09
2437	6	106T	17.90	17.93	2437	6	242T	18.06
2462	11	106T	12.54	12.40	2462	11	242T	12.39

Table F-3
Maximum 5 GHz 802.11ax RU Output Power – Ant WF8

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
	1	5180	36	26T	10.42	10.46	10.42
		5200	40	26T	10.63	10.59	10.61
		5220	44	26T	10.60	10.61	10.41
		5240	48	26T	10.57	10.58	10.53
	3	5745	149	26T	10.58	10.59	10.41
		5785	157	26T	10.44	10.61	10.50
		5825	165	26T	10.75	10.73	10.52

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
	1	5180	36	106T	15.58	15.46	
		5200	40	106T	16.65	16.60	
		5220	44	106T	16.57	15.56	
		5240	48	106T	16.64	16.65	
	2A	5260	52	106T	16.71	16.73	
		5280	56	106T	16.75	16.67	
		5300	60	106T	16.73	16.79	
		5320	64	106T	15.39	15.33	
	2C	5520	104	106T	15.76	15.70	
		5600	120	106T	15.74	15.83	
		5620	124	106T	15.67	15.61	
		5720	144	106T	15.74	15.69	
	3	5745	149	106T	16.74	16.85	
		5785	157	106T	16.88	16.78	
		5825	165	106T	16.75	16.94	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
	1	5190	38	26T	10.65	10.61	10.32
		5230	46	26T	10.60	10.57	10.31
	3	5755	151	26T	10.86	10.71	10.62
		5795	159	26T	10.89	10.74	10.77

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
	1	5190	38	106T	13.41	12.48	12.52
		5230	46	106T	16.17	16.18	16.27
	2A	5270	54	106T	16.43	16.40	16.42
		5310	62	106T	13.47	12.71	12.46
	2C	5550	110	106T	15.58	15.53	15.66
		5590	118	106T	15.66	15.57	15.74
		5670	126	106T	15.69	15.53	15.75
		5710	142	106T	14.52	14.41	14.49
	3	5755	151	106T	16.44	16.30	16.53
		5795	159	106T	16.47	16.28	16.61

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
	1	5180	36	52T	13.69	13.45	13.38
		5200	40	52T	13.71	13.43	13.34
		5220	44	52T	13.70	13.43	13.30
		5240	48	52T	13.63	13.42	13.30
	2A	5260	52	52T	13.66	13.57	13.52
		5280	56	52T	13.72	13.64	13.47
		5300	60	52T	13.69	13.63	13.44
		5320	64	52T	13.67	13.60	13.42
	2C	5500	100	52T	13.77	13.61	13.50
		5600	120	52T	14.00	13.67	13.59
		5620	124	52T	13.90	13.69	13.61
		5720	144	52T	13.76	13.67	13.57
	3	5745	149	52T	13.83	13.65	13.66
		5785	157	52T	13.79	13.60	13.59
		5825	165	52T	13.84	13.55	13.61

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
	1	5180	36	242T	14.86		
		5200	40	242T	17.25		
		5200	44	242T	17.15		
		5240	48	242T	17.14		
	2A	5260	52	242T	17.11		
		5260	56	242T	17.12		
		5300	60	242T	17.14		
		5320	64	242T	14.90		
	2C	5520	104	242T	14.71		
		5600	120	242T	14.62		
		5620	124	242T	14.66		
		5720	144	242T	14.63		
	3	5745	149	242T	16.33		
		5785	157	242T	16.24		
		5825	165	242T	16.03		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
	1	5190	38	52T	13.33	13.47	13.30
		5230	46	52T	13.29	13.42	13.20
	2A	5270	54	52T	13.49	13.38	13.40
		5310	62	52T	13.41	13.45	13.43
	2C	5550	110	52T	13.59	13.62	13.57
		5590	118	52T	13.50	13.64	13.49
		5630	126	52T	13.34	13.51	13.51
		5710	142	52T	13.36	13.62	13.55
	3	5755	151	52T	13.33	13.55	13.45
		5795	159	52T	13.32	13.72	13.31

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
	1	5190	38	242T	12.78	12.87	
		5230	46	242T	18.96	19.03	
	2A	5270	54	242T	19.48	19.53	
		5310	62	242T	13.93	13.99	
	2C	5550	110	242T	18.55	18.67	
		5590	118	242T	19.45	19.46	
		5630	126	242T	19.46	19.51	
		5670	134	242T	14.79	14.82	
	3	5755	151	242T	19.86	19.99	
		5795	159	242T	19.68	19.81	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	13.43		
		5230	46	484T	17.65		
	2A	5270	54	484T	17.48		
		5310	62	484T	13.35		
	2C	5550	110	484T	15.51		
		5590	118	484T	16.12		
		5630	126	484T	16.04		
		5710	142	484T	16.04		
	3	5755	151	484T	15.91		
		5795	159	484T	15.90		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	11.01	11.15	11.05
	3	5775	155	26T	11.04	10.95	11.08

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	11.69	11.66	11.82
	2A	5290	58	52T	13.16	13.18	13.41
	2C	5530	106	52T	11.75	12.00	12.04
		5610	122	52T	13.36	13.34	13.50
		5690	138	52T	13.10	13.24	13.23
	3	5775	155	52T	12.96	13.26	13.21

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5210	42	106T	11.76	11.77	11.99
	2A	5290	58	106T	13.04	13.09	13.52
	2C	5530	106	106T	11.91	11.76	12.11
		5610	122	106T	14.88	14.91	14.94
		5690	138	106T	14.51	14.53	14.92
	3	5775	155	106T	14.86	14.91	14.91

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	11.54	11.26	11.59
	2A	5290	58	242T	13.32	13.27	13.44
	2C	5530	106	242T	12.39	12.28	12.53
		5610	122	242T	16.96	16.79	17.03
		5690	138	242T	13.08	13.22	13.09
	3	5775	155	242T	15.32	14.97	15.24

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	11.04	11.28	
	2A	5290	58	484T	13.02	13.28	
	2C	5530	106	484T	12.19	12.35	
		5610	122	484T	16.54	16.93	
		5690	138	484T	13.82	14.04	
	3	5775	155	484T	14.70	14.99	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	11.16		
	2A	5290	58	996T	12.55		
	2C	5530	106	996T	12.30		
		5610	122	996T	15.16		
		5690	138	996T	14.68		
	3	5775	155	996T	15.13		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5250	50	52T	10.25	10.01	10.21
	2C	5570	114	52T	9.30	9.24	9.29

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5250	50	106T	10.19	10.19	10.20
	2C	5570	114	106T	9.35	9.31	9.33

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5250	50	242T	9.82	10.07	10.15
	2C	5570	114	242T	9.16	9.13	9.19

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5250	50	484T	9.87	10.08	
	2C	5570	114	484T	9.46	9.74	

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5250	50	996T	10.02		
	2C	5570	114	996T	9.74		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5250	50	996Tx2	10.11		
	2C	5570	114	996Tx2	9.58		

Table F-4
Maximum 5 GHz 802.11ax RU Output Power – Ant WF7a

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
	1	5180	36	26T	10.65	10.45	10.39
		5200	40	26T	10.37	10.53	10.50
		5220	44	26T	10.51	10.59	10.41
		5240	48	26T	10.45	10.48	10.51
	3	5745	149	26T	10.48	10.53	10.58
		5785	157	26T	10.55	10.43	10.53
		5825	165	26T	10.39	10.61	10.46

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
	1	5180	36	106T	14.83	14.94	
		5200	40	106T	15.20	15.12	
		5220	44	106T	15.12	15.07	
		5240	48	106T	15.44	15.40	
	2A	5260	52	106T	14.91	14.93	
		5280	56	106T	14.86	14.99	
		5300	60	106T	14.95	15.02	
		5320	64	106T	14.70	14.86	
	2C	5500	100	106T	13.37	13.47	
		5600	120	106T	13.30	13.41	
		5620	124	106T	13.38	13.40	
		5720	144	106T	13.45	13.53	
	3	5745	149	106T	13.70	13.77	
		5785	157	106T	13.59	13.63	
		5825	165	106T	13.53	13.63	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
	1	5190	38	26T	10.48	10.54	10.73
		5230	46	26T	10.53	10.67	10.70
	3	5755	151	26T	10.31	10.54	10.45
		5795	159	26T	10.28	10.44	10.42

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
	1	5190	38	106T	12.59	12.86	12.60
		5230	46	106T	15.34	15.59	15.42
	2A	5270	54	106T	15.12	15.30	15.03
		5310	62	106T	13.82	13.78	13.72
	2C	5550	110	106T	13.90	13.82	13.59
		5590	118	106T	13.58	13.66	13.42
		5670	126	106T	13.53	13.49	13.30
		5710	142	106T	13.52	13.53	13.21
	3	5755	151	106T	14.07	14.01	13.78
		5795	159	106T	13.95	13.97	13.76

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
	1	5180	36	52T	13.43	13.39	13.49
		5200	40	52T	13.63	13.47	13.52
		5220	44	52T	13.64	13.63	13.49
		5240	48	52T	13.52	13.50	13.48
	2A	5260	52	52T	13.47	13.56	13.52
		5280	56	52T	43.52	13.52	13.51
		5300	60	52T	13.51	13.58	13.58
		5320	64	52T	13.61	13.47	13.42
	2C	5500	100	52T	13.41	13.69	13.69
		5600	120	52T	13.33	13.59	13.42
		5620	124	52T	13.67	13.35	13.63
		5720	144	52T	13.65	13.55	13.45
	3	5745	149	52T	14.04	14.10	14.11
		5785	157	52T	13.81	13.78	13.85
		5825	165	52T	13.33	13.28	13.30

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
	1	5180	36	242T	14.75		
		5200	40	242T	15.21		
		5220	44	242T	15.20		
		5240	48	242T	15.38		
	2A	5260	52	242T	15.27		
		5280	56	242T	15.34		
		5300	60	242T	15.25		
		5320	64	242T	15.07		
	2C	5500	100	242T	13.69		
		5600	120	242T	13.31		
		5620	124	242T	13.4		
		5720	144	242T	13.37		
	3	5745	149	242T	13.71		
		5785	157	242T	13.69		
		5825	165	242T	13.73		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
	1	5190	38	52T	12.61	12.53	12.65
		5230	46	52T	13.61	13.56	13.76
	2A	5270	54	52T	13.60	13.63	13.68
		5310	62	52T	13.56	13.50	13.51
	2C	5550	110	52T	13.62	13.67	13.73
		5590	118	52T	13.51	13.58	13.62
		5630	126	52T	13.60	13.44	13.60
		5710	142	52T	13.67	13.44	13.40
	3	5755	151	52T	13.63	13.56	13.78
		5795	159	52T	13.58	13.49	13.52

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
	1	5190	38	242T	12.79	12.68	
		5230	46	242T	15.47	15.41	
	2A	5270	54	242T	15.69	15.58	
		5310	62	242T	13.72	13.73	
	2C	5550	110	242T	13.68	13.71	
		5590	118	242T	13.88	13.83	
		5670	126	242T	13.69	13.74	
		5670	134	242T	13.65	13.73	
	3	5755	151	242T	13.97	14.01	
		5795	159	242T	13.86	13.89	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	1	5190	38	484T	12.21		
		5230	46	484T	15.18		
	2A	5270	54	484T	15.38		
		5310	62	484T	13.23		
	2C	5590	118	484T	13.75		
		5630	126	484T	13.64		
		5670	134	484T	13.31		
		5710	142	484T	13.68		
	3	5755	151	484T	13.66		
		5795	159	484T	13.63		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5210	42	52T	11.54	11.85	11.94
	2A	5290	58	52T	13.17	13.31	13.52
	2C	5530	106	52T	12.31	12.50	12.71
		5610	122	52T	13.61	13.80	13.86
		5690	138	52T	14.13	14.24	14.35
	3	5775	155	52T	14.20	14.27	14.46

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5210	42	242T	11.39	11.41	11.40
	2A	5290	58	242T	13.39	12.91	13.50
	2C	5530	106	242T	12.28	12.16	12.64
		5610	122	242T	13.92	13.85	14.22
		5690	138	242T	13.36	13.02	13.40
	3	5775	155	242T	13.94	13.82	14.12

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5210	42	996T	10.99		
	2A	5290	58	996T	13.03		
	2C	5530	106	996T	11.90		
		5610	122	996T	13.33		
		5690	138	996T	13.38		
	3	5775	155	996T	13.65		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5250	50	106T	10.15	10.06	10.10
	2C	5570	114	106T	9.52	9.42	9.80

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5250	50	484T	9.98	10.22	
	2C	5570	114	484T	9.50	9.80	

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5250	50	996Tx2	9.84		
	2C	5570	114	996Tx2	9.98		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	1	5210	42	26T	10.26	10.41	10.73
	3	5775	155	26T	11.36	11.42	11.46

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	1	5210	42	106T	11.38	11.58	11.72
	2A	5290	58	106T	13.30	13.45	13.78
	2C	5530	106	106T	12.45	12.50	12.67
		5610	122	106T	13.67	13.86	14.05
		5690	138	106T	13.81	13.89	14.15
	3	5775	155	106T	14.25	14.37	14.59

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	1	5210	42	484T	11.20	11.48	
	2A	5290	58	484T	13.09	13.33	
	2C	5530	106	484T	12.23	12.52	
		5610	122	484T	13.79	14.14	
		5690	138	484T	13.84	13.95	
	3	5775	155	484T	13.92	13.96	

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	1	5250	50	52T	10.10	10.10	11.04
	2C	5570	114	52T	9.53	9.70	9.52

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	1	5250	50	242T	10.34	10.01	10.50
	2C	5570	114	242T	9.86	9.63	10.02

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	1	5250	50	996T	9.82		
	2C	5570	114	996T	9.44		

element

Table F-4
Maximum 6 GHz 802.11ax RU Output Power – Ant WF8

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
20MHz BW	5	5955	1	26T	10.52	10.40	10.47
		6175	45	26T	10.39	10.44	10.35
		6415	93	26T	10.10	10.03	10.08
	6	6435	97	26T	-5.80	-5.84	-5.81
		6475	105	26T	-5.49	-5.45	-5.47
		6515	113	26T	-4.98	-5.08	-5.08
	7	6535	117	26T	9.26	9.28	9.30
		6695	149	26T	9.33	9.36	9.27
		6875	185	26T	-4.33	-4.07	-4.13
	8	6895	189	26T	-3.57	-3.59	-3.61
		6995	209	26T	-3.86	-3.84	-3.80
		7115	233	26T	NS	NS	NS

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
20MHz BW	5	5955	1	52T	13.11	13.23	13.17
		6175	45	52T	13.22	13.15	13.08
		6415	93	52T	12.89	12.81	12.92
	6	6435	97	52T	-3.02	-3.00	-3.01
		6475	105	52T	-2.70	-2.73	-2.75
		6515	113	52T	-2.36	-2.37	-2.38
	7	6535	117	52T	12.69	12.54	12.58
		6695	149	52T	12.62	12.70	12.76
		6875	185	52T	-0.82	-1.25	-1.20
	8	6895	189	52T	-0.71	-0.73	-0.35
		6995	209	52T	-0.33	-0.29	-0.24
		7115	233	52T	NS	NS	NS

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
20MHz BW	5	5955	1	106T	13.22	13.24	
		6175	45	106T	13.15	13.19	
		6415	93	106T	13.35	13.34	
	6	6435	97	106T	1.58	1.59	
		6515	113	106T	0.21	0.26	
	7	6535	117	106T	14.41	14.54	
		6695	149	106T	14.53	14.51	
		6875	185	106T	2.25	2.22	
	8	6895	189	106T	2.29	2.25	
		6995	209	106T	2.20	2.12	
		7115	233	106T	NS	NS	

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
20MHz BW	5	5955	1	242T	13.04		
		6175	45	242T	13.17		
		6415	93	242T	13.42		
	6	6435	97	242T	3.39		
		6475	105	242T	3.46		
		6515	113	242T	3.58		
	7	6535	117	242T	14.40		
		6695	149	242T	14.60		
		6875	185	242T	4.51		
	8	6895	189	242T	5.96		
		6995	209	242T	5.95		
		7115	233	242T	NS		

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
40MHz BW	5	5965	3	26T	10.35	10.45	10.49
		6165	43	26T	10.21	10.42	10.36
		6405	91	26T	10.53	10.40	10.41
	6	6445	99	26T	-4.76	-4.75	-4.77
		6485	107	26T	-4.76	-4.73	-4.70
		6525	115	26T	-4.73	-4.76	-4.72
	7	6565	123	26T	10.03	9.71	9.67
		6725	155	26T	9.93	9.77	9.72
		6845	179	26T	9.97	9.73	9.73
	8	6885	187	26T	-4.44	-4.41	-4.43
		7005	211	26T	-3.38	-3.42	-3.40
		7085	227	26T	-3.42	-3.41	-3.38

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
40MHz BW	5	5965	3	52T	12.95	12.97	12.98
		6165	43	52T	12.97	12.87	12.98
		6405	91	52T	13.19	13.20	13.18
	6	6445	99	52T	-2.71	-2.76	-2.79
		6485	107	52T	-2.79	-2.76	-2.77
		6525	115	52T	-2.69	-2.80	-2.78
	7	6565	123	52T	12.70	12.75	12.69
		6725	155	52T	12.80	12.76	12.67
		6845	179	52T	12.77	12.71	12.73
	8	6885	187	52T	-1.92	-1.91	-1.93
		7005	211	52T	-0.89	-0.84	-0.86
		7085	227	52T	-0.90	-0.86	-0.88

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
40MHz BW	5	5965	3	106T	12.98	12.92	12.86
		6165	43	106T	12.94	12.91	12.96
		6405	91	106T	13.57	13.58	13.55
	6	6445	99	106T	0.23	0.19	0.22
		6485	107	106T	0.31	0.22	0.25
		6525	115	106T	0.22	0.27	0.19
	7	6565	123	106T	15.19	15.26	15.17
		6725	155	106T	15.19	15.22	15.24
		6845	179	106T	15.20	15.18	15.15
	8	6885	187	106T	2.20	2.25	2.21
		7005	211	106T	2.71	2.66	2.62
		7085	227	106T	2.60	2.63	2.74

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
40MHz BW	5	5965	3	242T	13.01	12.98	
		6165	43	242T	12.89	12.95	
		6405	91	242T	13.59	13.54	
	6	6445	99	242T	4.04	4.02	
		6485	107	242T	4.00	3.99	
		6525	115	242T	4.01	3.96	
	7	6565	123	242T	15.23	15.30	
		6725	155	242T	15.36	15.19	
		6845	179	242T	15.26	15.23	
	8	6885	187	242T	4.43	4.54	
		7005	211	242T	6.01	6.00	
		7085	227	242T	6.12	5.98	

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
40MHz BW	5	5965	3	484T	12.97		
		6165	43	484T	12.98		
		6405	91	484T	13.47		
	6	6445	99	484T	6.81		
		6485	107	484T	6.78		
		6525	115	484T	6.74		
	7	6565	123	484T	15.24		
		6725	155	484T	15.25		
		6845	179	484T	15.30		
	8	6885	187	484T	7.40		
		7005	211	484T	8.92		
		7085	227	484T	8.92		

	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
80MHz BW	5	5985	7	26T	10.36	10.30	10.26
		6145	39	26T	10.16	10.14	10.23
		6385	87	26T	10.05	10.02	10.04
	6	6465	103	26T	-5.94	-6.01	-5.98
	7	6545	119	26T	-5.61	-5.58	-5.56
		6705	151	26T	9.81	10.06	9.74
		6865	183	26T	-3.94	-3.93	-3.89
	8	6945	199	26T	-3.69	-3.73	-3.70
		7025	215	26T	-4.15	-4.18	-4.20

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	5	5985	7	52T	12.95	12.91	12.89
		6145	39	52T	13.19	13.22	13.26
		6385	87	52T	13.12	13.23	13.09
	6	6465	103	52T	-2.90	-2.58	-2.62
	7	6545	119	52T	-2.83	-2.82	-2.80
		6705	151	52T	12.65	12.69	12.74
		6865	183	52T	-0.86	-0.89	-0.78
	8	6945	199	52T	-0.27	-0.77	-0.29
		7025	215	52T	-0.73	-0.72	-0.70

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	5	5985	7	106T	13.16	12.92	13.09
		6145	39	106T	12.94	13.01	12.99
		6385	87	106T	13.27	13.34	13.37
	6	6465	103	106T	1.59	1.57	1.55
	7	6545	119	106T	1.60	1.63	1.73
		6705	151	106T	15.25	15.31	15.26
		6865	183	106T	1.20	1.23	1.21
	8	6945	199	106T	2.65	2.63	2.66
		7025	215	106T	2.69	2.72	2.70

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	5	5985	7	242T	13.04	12.91	12.97
		6145	39	242T	13.01	13.05	12.94
		6385	87	242T	13.44	13.50	13.47
	6	6465	103	242T	3.65	3.58	3.62
	7	6545	119	242T	3.77	3.80	3.75
		6705	151	242T	15.16	15.10	15.14
		6865	183	242T	4.18	4.26	4.15
	8	6945	199	242T	5.67	5.59	5.64
		7025	215	242T	5.72	5.78	5.76

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	5	5985	7	484T	13.09	12.94	
		6145	39	484T	12.96	13.00	
		6385	87	484T	13.33	13.38	
	6	6465	103	484T	6.61	6.59	
	7	6545	119	484T	6.73	6.70	
		6705	151	484T	15.21	15.14	
		6865	183	484T	7.21	7.17	
	8	6945	199	484T	8.67	8.65	
		7025	215	484T	8.62	8.63	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
	5	5985	7	996T	12.99		
		6145	39	996T	12.91		
		6385	87	996T	13.35		
	6	6465	103	996T	9.73		
	7	6545	119	996T	9.68		
		6705	151	996T	15.24		
		6865	183	996T	10.23		
	8	6945	199	996T	10.46		
		7025	215	996T	10.51		

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	5	6025	15	26T	10.41	10.45	10.48
		6185	47	26T	10.49	10.46	10.38
		6345	79	26T	10.37	10.36	10.33
	6	6505	111	26T	-5.37	-5.32	-5.35
	7	6665	143	26T	9.94	9.89	9.86
		6825	175	26T	-4.77	-4.76	-4.74
	8	6985	207	26T	-3.38	-3.37	-3.41

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
	5	6025	15	52T	13.28	13.29	13.42
		6185	47	52T	13.18	13.24	13.14
		6345	79	52T	13.35	13.23	13.41
	6	6505	111	52T	-2.52	-2.53	-2.54
	7	6665	143	52T	12.89	13.01	12.94
		6825	175	52T	-1.91	-1.88	-1.86
	8	6985	207	52T	-0.40	-0.35	0.38

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
	5	6025	15	106T	13.25	13.36	13.38
		6185	47	106T	13.11	13.09	13.17
		6345	79	106T	13.62	13.74	13.68
	6	6505	111	106T	1.73	1.70	1.69
	7	6665	143	106T	15.58	15.52	15.45
		6825	175	106T	1.24	1.22	1.27
	8	6985	207	106T	2.86	2.79	2.82

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
	5	6025	15	242T	13.25	13.39	13.24
		6185	47	242T	13.24	13.17	13.08
		6345	79	242T	13.70	13.65	13.75
	6	6505	111	242T	3.64	3.61	3.57
	7	6665	143	242T	15.46	15.45	15.49
		6825	175	242T	4.36	4.39	4.43
	8	6985	207	242T	5.74	5.71	5.80

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
	5	6025	15	484T	13.35	13.36	
		6185	47	484T	13.25	13.29	
		6345	79	484T	13.72	13.74	
	6	6505	111	484T	6.61	6.65	
	7	6665	143	484T	15.61	15.58	
		6825	175	484T	7.34	7.32	
	8	6985	207	484T	8.78	8.79	

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67(L)	N/A	N/A
	5	6025	15	996T	13.40		
		6185	47	996T	13.28		
		6345	79	996T	13.73		
	6	6505	111	996T	9.62		
	7	6665	143	996T	15.55		
		6825	175	996T	10.34		
	8	6985	207	996T	11.71		

160MHz BW 2nd	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67(L)	N/A	N/A
	5	6025	15	996Tx2	12.66		
		6185	47	996Tx2	12.57		
		6345	79	996Tx2	13.22		
	6	6505	111	996Tx2	12.36		
	7	6665	143	996Tx2	14.99		
		6825	175	996Tx2	10.52		
	8	6985	207	996Tx2	10.49		

element

Table F-5
Maximum 6 GHz 802.11ax RU Output Power – Ant WF7a

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
	5	5955	1	26T	10.32	10.28	10.49
		6175	45	26T	10.42	10.45	10.47
		6415	93	26T	9.78	9.73	9.78
	6	6435	97	26T	-5.17	-5.21	-5.19
		6475	105	26T	-5.23	-5.22	-5.20
		6515	113	26T	-5.24	-5.21	-5.18
	7	6535	117	26T	9.47	9.50	9.52
		6695	149	26T	9.83	9.86	9.80
		6875	185	26T	-4.62	-4.65	-4.63
	8	6895	189	26T	-3.42	-3.41	-3.38
		6995	209	26T	-3.29	-3.30	-3.33
		7115	233	26T	NS	NS	NS

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
	5	5955	1	52T	11.59	11.61	11.55
		6175	45	52T	11.61	11.59	11.63
		6415	93	52T	11.01	11.14	11.16
	6	6435	97	52T	-2.22	-2.20	-2.23
		6475	105	52T	-2.24	-2.21	-2.18
		6515	113	52T	-2.26	-2.25	-2.28
	7	6535	117	52T	10.21	10.15	10.27
		6695	149	52T	10.56	10.54	10.55
		6875	185	52T	-1.83	-1.85	-1.82
	8	6895	189	52T	-0.42	-0.41	-0.39
		6995	209	52T	-0.21	-0.23	-0.22
		7115	233	52T	NS	NS	NS

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
	5	5955	1	106T	11.67	11.65	
		6175	45	106T	11.54	11.56	
		6415	93	106T	11.10	11.08	
	6	6435	97	106T	1.62	1.58	
		6475	105	106T	1.61	1.60	
		6515	113	106T	1.65	1.63	
	7	6535	117	106T	10.31	10.23	
		6695	149	106T	10.48	10.47	
		6875	185	106T	1.99	2.02	
	8	6895	189	106T	2.78	2.80	
		6995	209	106T	2.71	2.67	
		7115	233	106T	NS	NS	

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
	5	5955	1	242T	11.63		
		6175	45	242T	11.59		
		6415	93	242T	11.12		
	6	6435	97	242T	3.74		
		6475	105	242T	3.76		
		6515	113	242T	3.81		
	7	6535	117	242T	10.26		
		6695	149	242T	10.48		
		6875	185	242T	4.22		
	8	6895	189	242T	5.81		
		6995	209	242T	5.78		
		7115	233	242T	NS		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	8	17
	5	5965	3	26T	10.44	10.36	10.38
		6165	43	26T	10.36	10.37	10.40
		6405	91	26T	10.42	10.39	10.43
	6	6445	99	26T	-5.35	-5.38	-5.33
		6485	107	26T	-5.28	-5.29	-5.24
		6525	115	26T	-5.26	-5.25	-5.27
	7	6565	123	26T	9.91	9.89	9.98
		6725	155	26T	9.90	9.99	9.94
		6845	179	26T	9.89	9.93	9.96
	8	6885	187	26T	-4.71	-4.73	-4.76
		7005	211	26T	-3.22	-3.23	-3.20
		7085	227	26T	-3.25	-3.24	-3.28

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
	5	5965	3	52T	11.39	11.40	11.38
		6165	43	52T	11.43	11.41	11.44
		6405	91	52T	11.53	11.49	11.55
	6	6445	99	52T	-2.25	-2.26	-2.31
		6485	107	52T	-2.27	-2.29	-2.23
		6525	115	52T	-2.22	-2.21	-2.24
	7	6565	123	52T	10.68	10.63	10.71
		6725	155	52T	10.63	10.70	10.69
		6845	179	52T	10.67	10.70	10.69
	8	6885	187	52T	-1.76	-1.81	-1.79
		7005	211	52T	-0.37	-0.35	-0.41
		7085	227	52T	-0.33	-0.38	-0.32

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	56
	5	5965	3	106T	11.46	11.44	11.45
		6165	43	106T	11.51	11.46	11.48
		6405	91	106T	11.58	11.64	11.63
	6	6445	99	106T	0.66	0.61	0.63
		6485	107	106T	0.70	0.72	0.68
		6525	115	106T	0.73	0.75	0.78
	7	6565	123	106T	10.61	10.63	10.65
		6725	155	106T	10.67	10.64	10.62
		6845	179	106T	10.60	10.62	10.65
	8	6885	187	106T	1.09	1.12	1.15
		7005	211	106T	2.85	2.84	2.82
		7085	227	106T	2.76	2.73	2.77

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
	5	5965	3	242T	11.46	11.53	
		6165	43	242T	11.49	11.52	
		6405	91	242T	11.58	11.57	
	6	6445	99	242T	3.84	3.81	
		6485	107	242T	3.73	3.78	
		6525	115	242T	3.75	3.77	
	7	6565	123	242T	10.53	10.54	
		6725	155	242T	10.57	10.61	
		6845	179	242T	10.59	10.63	
	8	6885	187	242T	4.29	4.31	
		7005	211	242T	5.66	5.69	
		7085	227	242T	5.75	5.72	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
	5	5965	3	484T	11.45		
		6165	43	484T	11.48		
		6405	91	484T	11.49		
	6	6445	99	484T	6.73		
		6485	107	484T	6.77		
		6525	115	484T	6.78		
	7	6565	123	484T	10.54		
		6725	155	484T	10.62		
		6845	179	484T	10.57		
	8	6885	187	484T	7.36		
		7005	211	484T	8.59		
		7085	227	484T	8.73		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
	5	5985	7	26T	10.12	10.18	10.17
		6145	39	26T	10.23	10.20	10.30
		6385	87	26T	10.09	9.96	10.04
	6	6465	103	26T	-5.25	-5.27	-5.26
	7	6545	119	26T	-5.24	-5.28	-5.22
		6705	151	26T	9.85	9.76	9.72
		6865	183	26T	-4.76	-4.75	-4.79
	8	6945	199	26T	-3.29	-3.28	-3.26
		7025	215	26T	-3.31	-3.32	-3.30

80MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				37	44	52
5	5985	7	52T	11.43	11.41	11.39
	6145	39	52T	11.31	11.33	11.38
	6385	87	52T	11.10	11.14	11.12
6	6465	103	52T	-2.20	-2.21	-2.24
7	6545	119	52T	-2.19	-2.22	-2.23
	6705	151	52T	10.59	10.60	10.57
	6865	183	52T	-1.35	-1.39	-1.41
8	6945	199	52T	-0.36	-0.33	-0.34
	7025	215	52T	-0.47	-0.44	-0.45

80MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				53	56	60
5	5985	7	106T	11.46	11.41	11.44
	6145	39	106T	11.29	11.34	11.31
	6385	87	106T	11.07	11.01	10.99
6	6465	103	106T	1.71	1.69	1.72
7	6545	119	106T	1.70	1.68	1.71
	6705	151	106T	10.51	10.49	10.50
	6865	183	106T	2.15	2.19	2.13
8	6945	199	106T	2.79	2.76	2.81
	7025	215	106T	2.78	2.80	2.74

80MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				61	62	64
5	5985	7	242T	11.42	11.43	11.45
	6145	39	242T	11.42	11.39	11.44
	6385	87	242T	11.19	11.07	11.06
6	6465	103	242T	3.58	3.54	3.55
7	6545	119	242T	3.57	3.56	3.59
	6705	151	242T	10.49	10.64	10.63
	6865	183	242T	4.34	4.39	4.40
8	6945	199	242T	5.73	5.70	5.71
	7025	215	242T	5.79	5.77	5.74

80MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				65	66	N/A
5	5985	7	484T	11.47	11.46	
	6145	39	484T	11.49	11.29	
	6385	87	484T	11.18	11.04	
6	6465	103	484T	6.65	6.70	
7	6545	119	484T	6.74	6.68	
	6705	151	484T	10.51	10.62	
	6865	183	484T	7.31	7.35	
8	6945	199	484T	8.56	8.55	
	7025	215	484T	8.62	8.57	

80MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				67	N/A	N/A
5	5985	7	996T	11.37		
	6145	39	996T	11.33		
	6385	87	996T	11.09		
6	6465	103	996T	9.55		
7	6545	119	996T	9.64		
	6705	151	996T	10.47		
	6865	183	996T	10.32		
8	6945	199	996T	10.27		
	7025	215	996T	10.41		

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				0	18	36
5	6025	15	26T	10.39	10.45	10.43
	6185	47	26T	10.36	10.48	10.36
	6345	79	26T	10.29	10.26	10.31
6	6505	111	26T	-5.28	-5.30	-5.33
7	6665	143	26T	9.85	9.72	9.87
	6825	175	26T	-4.44	-4.41	-4.43
8	6985	207	26T	-3.26	-3.28	-3.29

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				37	44	52
5	6025	15	52T	11.52	11.59	11.64
	6185	47	52T	11.71	11.73	11.59
	6345	79	52T	11.34	11.28	11.24
6	6505	111	52T	-2.45	-2.37	-2.43
7	6665	143	52T	10.63	10.59	10.62
	6825	175	52T	-1.62	-1.59	-1.66
8	6985	207	52T	-0.47	-0.46	-0.43

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				53	56	60
5	6025	15	106T	11.67	11.60	11.52
	6185	47	106T	11.73	11.69	11.71
	6345	79	106T	11.34	11.29	11.26
6	6505	111	106T	1.50	1.49	1.54
7	6665	143	106T	10.58	10.59	10.56
	6825	175	106T	2.19	2.20	2.17
8	6985	207	106T	2.74	2.73	2.71

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				61	62	64
5	6025	15	242T	11.64	11.60	11.66
	6185	47	242T	11.63	11.55	11.58
	6345	79	242T	11.26	11.32	11.30
6	6505	111	242T	3.61	3.65	3.62
7	6665	143	242T	10.60	10.62	10.65
	6825	175	242T	4.28	4.31	4.27
8	6985	207	242T	5.78	5.75	5.73

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				65	66	N/A
5	6025	15	484T	11.52	11.65	
	6185	47	484T	11.54	11.71	
	6345	79	484T	11.28	11.35	
6	6505	111	484T	6.71	6.73	
7	6665	143	484T	10.54	10.56	
	6825	175	484T	7.27	7.30	
8	6985	207	484T	8.63	8.66	

160MHz BW

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				67(L)	N/A	N/A
5	6025	15	996T	11.67		
	6185	47	996T	11.55		
	6345	79	996T	11.36		
6	6505	111	996T	9.64		
7	6665	143	996T	10.56		
	6825	175	996T	10.37		
8	6985	207	996T	11.65		

160MHz BW 2nd

Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
				RU Index		
				67(L)	N/A	N/A
5	6025	15	996Tx2	11.37		
	6185	47	996Tx2	11.41		
	6345	79	996Tx2	11.35		
6	6505	111	996Tx2	10.57		
7	6665	143	996Tx2	10.26		
	6825	175	996Tx2	10.22		
8	6985	207	996Tx2	10.29		