

APPENDIX H: IEEE 802.11AX RU SAR EXCLUSION

FCC ID: BCGA2757	SAR EVALUATION REPORT	Reviewed by: Technical Manager
DUT Type: Tablet Device		APPENDIX H: Page 1 of 16

H.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.

H.2 IEEE 802.11ax RU Target Powers

H.2.1 Maximum 802.11ax RU Time-Averaged Output Power

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna 1a 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	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	2	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	3	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	4	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	5	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	6	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	7	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	8	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	9	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	10	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
	11	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50
	12	9.50	9.50	9.50	9.50	10.00	10.00	10.00	10.00
	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3a 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	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	2	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	3	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	4	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	5	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	6	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	7	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	8	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	9	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	10	12.50	12.50	12.50	12.50	12.50	12.50	12.50	12.50
	11	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50
	12	9.50	9.50	9.50	9.50	10.00	10.00	10.00	10.00
	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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) - Antenna 1b Tolerance (+0/-3.00 dB)																	
		SISO						MIMO CDD						MIMO SDM					
		26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T
5 GHz WIFI 20 MHz Bandwidth	36	11.50	12.50	12.50	12.50			9.00	12.00	12.50	12.50			9.00	12.00	12.50	12.50		
	40	11.50	12.50	12.50	12.50			9.00	12.00	12.50	12.50			9.00	12.00	12.50	12.50		
	44	11.50	12.50	12.50	12.50			9.00	12.00	12.50	12.50			9.00	12.00	12.50	12.50		
	48	11.50	12.50	12.50	12.50			9.00	12.00	12.50	12.50			9.00	12.00	12.50	12.50		
	52	N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00		
	56	N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00		
	60	N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00		
	64	N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00		
	100	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	104	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	108	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	112	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	116	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	120	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	124	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	128	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	132	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	136	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	140	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
5 GHz WIFI 40 MHz Bandwidth	144	N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50			N/A	11.50	11.50	11.50		
	149	11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00		
	153	11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00		
	157	11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00		
	161	11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00		
	165	11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00			11.50	12.00	12.00	12.00		
	38	10.50	12.50	12.50	10.75	12.50		9.00	12.00	12.50	10.75	12.50		9.00	12.00	12.50	10.75	12.50	
	46	10.50	12.50	12.50	10.75	12.50		9.00	12.00	12.50	10.75	12.50		9.00	12.00	12.50	10.75	12.50	
	54	N/A	12.00	12.00	10.50	12.00		N/A	12.00	12.00	10.50	12.00		N/A	12.00	12.00	10.50	12.00	
	62	N/A	11.00	11.00	10.50	11.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
5 GHz WIFI 80 MHz Bandwidth	102	N/A	11.50	11.50	10.00	11.50		N/A	10.50	10.50	10.00	10.50		N/A	10.50	10.50	10.00	10.50	
	110	N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50	
	118	N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50	
	126	N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50	
	134	N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50	
	142	N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50		N/A	11.50	11.50	10.00	11.50	
	151	10.50	12.00	12.00	10.00	12.00		10.50	12.00	12.00	10.00	12.00		10.50	12.00	12.00	10.00	12.00	
	159	10.50	12.00	12.00	10.00	12.00		10.50	12.00	12.00	10.00	12.00		10.50	12.00	12.00	10.00	12.00	
	42	11.00	12.50	12.50	10.75	10.75	12.50	9.00	12.00	12.00	10.75	10.75	12.00	9.00	12.00	12.00	10.75	10.75	12.00
	58	N/A	11.00	11.00	10.50	10.50	11.00	N/A	10.25	10.25	10.25	10.00	10.25	N/A	10.25	10.25	10.25	10.00	10.25
	106	N/A	11.50	11.50	10.00	10.00	11.50	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00
	122	N/A	11.50	11.50	10.00	10.00	11.50	N/A	11.50	11.50	10.00	10.00	11.50	N/A	11.50	11.50	10.00	10.00	11.50
	138	N/A	11.50	11.50	10.00	10.00	11.50	N/A	11.50	11.50	10.00	10.00	11.50	N/A	11.50	11.50	10.00	10.00	11.50
	155	11.00	12.00	12.00	10.00	10.00	12.00	11.00	12.00	12.00	10.00	10.00	12.00	11.00	12.00	12.00	10.00	10.00	12.00

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

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3a Tolerance (+0/-3.00 dB)																	
		SISO						MIMO CDD						MIMO SDM					
		26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T
5 GHz WIFI 20 MHz Bandwidth	36	10.75	10.75	10.75	10.75			9.00	10.75	10.75	10.75			9.00	10.75	10.75	10.75		
	40	10.75	10.75	10.75	10.75			9.00	10.75	10.75	10.75			9.00	10.75	10.75	10.75		
	44	10.75	10.75	10.75	10.75			9.00	10.75	10.75	10.75			9.00	10.75	10.75	10.75		
	48	10.75	10.75	10.75	10.75			9.00	10.75	10.75	10.75			9.00	10.75	10.75	10.75		
	52	N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50		
	56	N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50		
	60	N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50		
	64	N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50			N/A	10.50	10.50	10.50		
	100	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	104	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	108	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	112	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	116	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	120	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	124	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	128	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	132	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	136	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	140	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
	144	N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00			N/A	10.00	10.00	10.00		
5 GHz WIFI 40 MHz Bandwidth	149	10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00		
	153	10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00		
	157	10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00		
	161	10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00		
	165	10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00			10.00	10.00	10.00	10.00		
	38	10.50	10.75	10.75	10.75	10.75		9.00	10.75	10.75	10.75	10.75		9.00	10.75	10.75	10.75	10.75	
	46	10.50	10.75	10.75	10.75	10.75		9.00	10.75	10.75	10.75	10.75		9.00	10.75	10.75	10.75	10.75	
	54	N/A	10.50	10.50	10.50	10.50		N/A	10.50	10.50	10.50	10.50		N/A	10.50	10.50	10.50	10.50	
	62	N/A	10.50	10.50	10.50	10.50		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
	102	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
	110	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
	118	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
126	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		
134	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		
142	N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00		
151	10.00	10.00	10.00	10.00	10.00		10.00	10.00	10.00	10.00	10.00		10.00	10.00	10.00	10.00	10.00		
159	10.00	10.00	10.00	10.00	10.00		10.00	10.00	10.00	10.00	10.00		10.00	10.00	10.00	10.00	10.00		
5 GHz WIFI 80 MHz Bandwidth	42	10.75	10.75	10.75	10.75	10.75	10.75	9.00	10.75	10.75	10.75	10.75	10.75	9.00	10.75	10.75	10.75	10.75	10.75
	58	N/A	10.50	10.50	10.50	10.50	10.50	N/A	10.25	10.25	10.25	10.00	10.25	N/A	10.25	10.25	10.25	10.00	10.25
	106	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00
	122	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00
	138	N/A	10.00	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00
155	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3c Tolerance (+0/-3.00 dB)																	
		SISO						MIMO CDD						MIMO SDM					
								Tones											
		26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T
5 GHz WIFI 20 MHz Bandwidth	36	11.50	14.50	16.00	16.00			9.00	12.00	15.00	15.50			9.00	12.00	15.00	15.50		
	40	11.50	14.50	16.00	16.00			9.00	12.00	15.00	16.00			9.00	12.00	15.00	16.00		
	44	11.50	14.50	16.00	16.00			9.00	12.00	15.00	16.00			9.00	12.00	15.00	16.00		
	48	11.50	14.50	16.00	16.00			9.00	12.00	15.00	16.00			9.00	12.00	15.00	16.00		
	52	N/A	14.50	16.00	16.00			N/A	12.00	15.00	16.00			N/A	12.00	15.00	16.00		
	56	N/A	14.50	16.00	16.00			N/A	12.00	15.00	16.00			N/A	12.00	15.00	16.00		
	60	N/A	14.50	16.00	16.00			N/A	12.00	15.00	16.00			N/A	12.00	15.00	16.00		
	64	N/A	14.50	16.00	16.00			N/A	12.00	15.00	15.50			N/A	12.00	15.00	15.50		
	100	N/A	14.50	15.00	15.00			N/A	12.00	14.00	14.00			N/A	12.00	14.00	14.00		
	104	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	108	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	112	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	116	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	120	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	124	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	128	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	132	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	136	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
	140	N/A	13.00	13.00	13.00			N/A	12.00	12.00	12.00			N/A	12.00	12.00	12.00		
	144	N/A	14.50	15.00	15.00			N/A	12.00	15.00	15.00			N/A	12.00	15.00	15.00		
5 GHz WIFI 40 MHz Bandwidth	149	11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00		
	153	11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00		
	157	11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00		
	161	11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00		
	165	11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00			11.50	14.50	16.00	16.00		
	38	10.50	13.50	13.75	12.25	13.75		9.00	12.00	12.50	12.25	12.50		9.00	12.00	12.50	12.25	12.50	
	46	10.50	13.50	16.00	16.00	16.00		9.00	12.00	15.00	16.00	16.00		9.00	12.00	15.00	16.00	16.00	
	54	N/A	13.50	16.00	16.00	16.00		N/A	12.00	15.00	16.00	16.00		N/A	12.00	15.00	16.00	16.00	
	62	N/A	11.00	11.00	11.00	11.00		N/A	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	
	102	N/A	13.00	13.00	13.00	13.00		N/A	10.50	10.50	10.50	10.50		N/A	10.50	10.50	10.50	10.50	
5 GHz WIFI 80 MHz Bandwidth	110	N/A	13.50	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00	
	118	N/A	13.50	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00	
	126	N/A	13.50	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00		N/A	12.00	15.00	15.00	15.00	
	134	N/A	13.50	14.50	14.50	14.50		N/A	12.00	14.00	14.00	14.00		N/A	12.00	14.00	14.00	14.00	
	142	N/A	13.50	15.00	13.00	15.00		N/A	12.00	15.00	12.00	15.00		N/A	12.00	15.00	12.00	15.00	
	151	10.50	13.50	16.00	16.00	16.00		10.50	13.50	16.00	16.00	16.00		10.50	13.50	16.00	16.00	16.00	
	159	10.50	13.50	16.00	16.00	16.00		10.50	13.50	16.00	16.00	16.00		10.50	13.50	16.00	16.00	16.00	
	42	11.00	14.00	14.00	11.25	11.25	14.00	9.00	12.00	12.00	11.00	11.00	12.00	9.00	12.00	12.00	11.00	11.00	12.00
	58	N/A	11.00	11.00	11.75	11.00	11.00	N/A	10.25	10.25	10.25	10.00	10.25	N/A	10.25	10.25	10.25	10.00	10.25
	106	N/A	12.00	12.00	12.00	12.00	12.00	N/A	10.00	10.00	10.00	10.00	10.00	N/A	10.00	10.00	10.00	10.00	10.00
	122	N/A	14.00	15.00	15.00	15.00	15.00	N/A	12.00	15.00	15.00	15.00	15.00	N/A	12.00	15.00	15.00	15.00	15.00
	138	N/A	14.00	15.00	13.00	14.50	15.00	N/A	12.00	15.00	14.00	14.00	15.00	N/A	12.00	15.00	12.00	14.00	15.00
	155	11.00	14.00	16.00	16.00	16.00	16.00	11.00	14.00	15.25	15.25	15.25	15.25	11.00	14.00	15.25	15.25	15.25	15.25

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

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H.2.2 Reduced 802.11ax RU Time-Averaged Output Power

Table below is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 1a/1b active
- Simultaneous conditions with Inter-Band ULCA active

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna 1a 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	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	2	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	3	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	4	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	5	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	6	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	7	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	8	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	9	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	10	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	11	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	12	8.50	8.50	8.50	8.50	8.50	8.50	8.50	8.50
	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Table below is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 3a/3b active
- Simultaneous conditions with Inter-Band ULCA active

Mode	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3a 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	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	2	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	3	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	4	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	5	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	6	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	7	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	8	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	9	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	10	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	11	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	12	9.00	9.00	9.00	9.00	9.00	9.00	9.00	9.00
	13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

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Table below is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 1a/1b/2b active
- Simultaneous conditions with Inter-Band ULCA active

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Antenna 1b Tolerance (+0/-3.00 dB)																	
		SISO						MIMO CDD						MIMO SDM					
		Tones						Tones						Tones					
		26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T	26T	52T	106T	242T	484T	996T
5 GHz WIFI 20 MHz Bandwidth	36	6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25		
	40	6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25		
	44	6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25		
	48	6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25			6.25	6.25	6.25	6.25		
	52	N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75		
	56	N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75		
	60	N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75		
	64	N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75			N/A	5.75	5.75	5.75		
	100	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	104	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	108	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	112	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	116	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	120	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	124	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	128	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	132	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	136	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	140	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	144	N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25			N/A	5.25	5.25	5.25		
	149	5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75		
	153	5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75		
	157	5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75		
	161	5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75		
	165	5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75			5.75	5.75	5.75	5.75		
5 GHz WIFI 40 MHz Bandwidth	38	6.25	6.25	6.25	6.25	6.25		6.25	6.25	6.25	6.25	6.25		6.25	6.25	6.25	6.25	6.25	
	46	6.25	6.25	6.25	6.25	6.25		6.25	6.25	6.25	6.25	6.25		6.25	6.25	6.25	6.25	6.25	
	54	N/A	5.75	5.75	5.75	5.75		N/A	5.75	5.75	5.75	5.75		N/A	5.75	5.75	5.75	5.75	
	62	N/A	5.75	5.75	5.75	5.75		N/A	5.75	5.75	5.75	5.75		N/A	5.75	5.75	5.75	5.75	
	102	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	110	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	118	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	126	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	134	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	142	N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25		N/A	5.25	5.25	5.25	5.25	
	151	5.75	5.75	5.75	5.75	5.75		5.75	5.75	5.75	5.75	5.75		5.75	5.75	5.75	5.75	5.75	
	159	5.75	5.75	5.75	5.75	5.75		5.75	5.75	5.75	5.75	5.75		5.75	5.75	5.75	5.75	5.75	
5 GHz WIFI 80 MHz Bandwidth	42	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25
	58	N/A	5.75	5.75	5.75	5.75	5.75	N/A	5.75	5.75	5.75	5.75	5.75	N/A	5.75	5.75	5.75	5.75	5.75
	106	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25
	122	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25
	138	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25	N/A	5.25	5.25	5.25	5.25	5.25
	155	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75

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

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Table below is applicable in the following conditions:

-Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active

-Simultaneous conditions with Inter-Band ULCA active

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3a Tolerance (+0/-3.00 dB)																	
		SISO						MIMO CDD						MIMO SDM					
		Tones						Tones						Tones					
5 GHz WIFI 20 MHz Bandwidth	36	5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25		
	40	5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25		
	44	5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25		
	48	5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25			5.25	5.25	5.25	5.25		
	52	N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00		
	56	N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00		
	60	N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00		
	64	N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00			N/A	5.00	5.00	5.00		
	100	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	104	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	108	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	112	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	116	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	120	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	124	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	128	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	132	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	136	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	140	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	144	N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50			N/A	4.50	4.50	4.50		
	149	4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50		
	153	4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50		
	157	4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50		
	161	4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50		
	165	4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50			4.50	4.50	4.50	4.50		
5 GHz WIFI 40 MHz Bandwidth	38	5.25	5.25	5.25	5.25	5.25		5.25	5.25	5.25	5.25	5.25		5.25	5.25	5.25	5.25	5.25	
	46	5.25	5.25	5.25	5.25	5.25		5.25	5.25	5.25	5.25	5.25		5.25	5.25	5.25	5.25	5.25	
	54	N/A	5.00	5.00	5.00	5.00		N/A	5.00	5.00	5.00	5.00		N/A	5.00	5.00	5.00	5.00	
	62	N/A	5.00	5.00	5.00	5.00		N/A	5.00	5.00	5.00	5.00		N/A	5.00	5.00	5.00	5.00	
	102	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	110	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	118	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	126	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	134	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	142	N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50		N/A	4.50	4.50	4.50	4.50	
	151	4.50	4.50	4.50	4.50	4.50		4.50	4.50	4.50	4.50	4.50		4.50	4.50	4.50	4.50	4.50	
	159	4.50	4.50	4.50	4.50	4.50		4.50	4.50	4.50	4.50	4.50		4.50	4.50	4.50	4.50	4.50	
5 GHz WIFI 80 MHz Bandwidth	42	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25
	58	N/A	5.00	5.00	5.00	5.00	5.00	N/A	5.00	5.00	5.00	5.00	5.00	N/A	5.00	5.00	5.00	5.00	5.00
	106	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50
	122	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50
	138	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50	N/A	4.50	4.50	4.50	4.50	4.50
	155	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50

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

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Table below is applicable in the following conditions:

- Simultaneous conditions with Licensed Bands Antenna 3a/3b/4 active
- Simultaneous conditions with Inter-Band ULCA active

Mode	Channel	IEEE 802.11ax RU (Maximum in dBm) - Antenna 3c Tolerance (+0/-3.00 dB)																					
		SISO						MIMO CDD						MIMO SDM									
		26T	52T	106T	242T	484T	996T	996x2T	26T	52T	106T	242T	484T	996T	996x2T	26T	52T	106T	242T	484T	996T	996x2T	
5 GHz WiFi 20 MHz Bandwidth	36	11.50	12.00	12.00	12.00				9.00	12.00	12.00	12.00				9.00	12.00	12.00	12.00				
	40	11.50	12.00	12.00	12.00				9.00	12.00	12.00	12.00				9.00	12.00	12.00	12.00				
	44	11.50	12.00	12.00	12.00				9.00	12.00	12.00	12.00				9.00	12.00	12.00	12.00				
	48	11.50	12.00	12.00	12.00				9.00	12.00	12.00	12.00				9.00	12.00	12.00	12.00				
	52	N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				
	56	N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				
	60	N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				
	64	N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				N/A	12.00	12.00	12.00				
	100	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	104	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	108	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	112	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	116	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	120	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	124	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	128	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	132	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	136	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	140	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	144	N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				N/A	11.00	11.00	11.00				
	149	11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				
	153	11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				
	157	11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				
	161	11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				
	165	11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				11.50	12.00	12.00	12.00				
5 GHz WiFi 40 MHz Bandwidth	38	10.50	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00			
	46	10.50	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00			9.00	12.00	12.00	12.00	12.00			
	54	N/A	12.00	12.00	12.00	12.00			N/A	12.00	12.00	12.00	12.00			N/A	12.00	12.00	12.00	12.00			
	62	N/A	11.00	11.00	11.00	11.00			N/A	10.00	10.00	10.00	10.00			N/A	10.00	10.00	10.00	10.00			
	102	N/A	11.00	11.00	11.00	11.00			N/A	10.50	10.50	10.50	10.50			N/A	10.50	10.50	10.50	10.50			
	110	N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			
	118	N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			
	126	N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			
	134	N/A	11.00	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00		
	142	N/A	11.00	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00			N/A	11.00	11.00	11.00	11.00		
	151	10.50	12.00	12.00	12.00	12.00	12.00			10.50	12.00	12.00	12.00	12.00			10.50	12.00	12.00	12.00	12.00		
159	10.50	12.00	12.00	12.00	12.00	12.00			10.50	12.00	12.00	12.00	12.00			10.50	12.00	12.00	12.00	12.00			
5 GHz WiFi 80 MHz Bandwidth	42	11.00	12.00	12.00	11.25	11.25	12.00		9.00	12.00	12.00	11.00	11.00	12.00		9.00	12.00	12.00	11.00	11.00	12.00		
	58	N/A	11.00	11.00	11.75	11.00	11.00		N/A	10.25	10.25	10.25	10.00	10.25		N/A	10.25	10.25	10.25	10.00	10.25		
	106	N/A	11.00	11.00	11.00	11.00	11.00		N/A	10.00	10.00	10.00	10.00	10.00		N/A	10.00	10.00	10.00	10.00	10.00		
	122	N/A	11.00	11.00	11.00	11.00	11.00		N/A	11.00	11.00	11.00	11.00	11.00		N/A	11.00	11.00	11.00	11.00	11.00		
	138	N/A	11.00	11.00	11.00	11.00	11.00		N/A	11.00	11.00	11.00	11.00	11.00		N/A	11.00	11.00	11.00	11.00	11.00		
	155	11.00	12.00	12.00	12.00	12.00	12.00		11.00	12.00	12.00	12.00	12.00	12.00		11.00	12.00	12.00	12.00	12.00	12.00		
	162	11.00	12.00	12.00	12.00	12.00	12.00		11.00	12.00	12.00	12.00	12.00	12.00		11.00	12.00	12.00	12.00	12.00	12.00		

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

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H.3 IEEE 802.11ax Measured Powers

Table H-1
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Antenna 1a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	10.92	2412	1	52T	37	11.14
			4	11.28				38	11.17
			8	11.21				40	11.27
2437	6	26T	0	10.77	2437	6	52T	37	10.63
			4	10.90				38	10.45
			8	11.62				40	11.33
2457	10	26T	0	11.22	2457	10	52T	37	11.41
			4	11.11				38	11.42
			8	10.88				40	11.00
2462	11	26T	0	10.65	2462	11	52T	37	10.27
			4	10.01				38	10.11
			8	10.42				40	10.42
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	11.02	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
			54	11.19					
2437	6	106T	53	10.67	2412	1	242T	61	11.00
			54	11.18	2437	6	242T	61	10.79
2457	10	106T	53	11.22	2457	10	242T	61	11.02
			54	10.91	2462	11	242T	61	10.27
2462	11	106T	53	10.54					
			54	10.44					

Table H-2
Maximum 2.4 GHz 802.11ax RU Time-Averaged WLAN Output Power – Antenna 3a

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	11.57	2412	1	52T	37	11.47
			4	11.32				38	11.52
			8	11.53				40	11.58
2437	6	26T	0	11.46	2437	6	52T	37	11.48
			4	11.43				38	11.79
			8	11.44				40	11.71
2457	10	26T	0	11.40	2457	10	52T	37	11.24
			4	11.28				38	11.42
			8	11.33				40	11.68
2462	11	26T	0	10.65	2462	11	52T	37	10.62
			4	10.44				38	10.23
			8	10.48				40	10.48
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	11.63	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
			54	11.50					
2437	6	106T	53	11.49	2412	1	242T	61	11.39
			54	11.74	2437	6	242T	61	11.58
2457	10	106T	53	11.43	2457	10	242T	61	11.63
			54	11.41	2462	11	242T	61	10.54
2462	11	106T	53	10.47					
			54	10.32					

Table H-3
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Antenna 1b

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
20MHz BW	1	5180	36	26T	10.30	10.60	9.77
		5200	40	26T	10.42	10.91	10.24
		5220	44	26T	10.25	10.70	10.16
		5240	48	26T	10.37	10.95	10.53
	2A	5260	52	26T	10.34	10.63	9.88
		5280	56	26T	10.61	10.92	10.15
		5300	60	26T	10.56	10.82	10.34
		5320	64	26T			
	2C	5500	100	26T			
		5600	120	26T			
		5620	124	26T			
		5720	144	26T			
20MHz BW	1	5180	36	106T	11.41	11.13	
		5200	40	106T	11.62	11.46	
		5220	44	106T	11.44	11.38	
		5240	48	106T	11.40	11.42	
	2A	5260	52	106T	11.10	11.15	
		5280	56	106T	11.06	11.23	
		5300	60	106T	11.04	11.34	
		5320	64	106T	11.01	11.28	
	2C	5500	100	106T	10.53	10.43	
		5600	120	106T	10.49	10.70	
		5620	124	106T	10.37	10.62	
		5720	144	106T	10.34	10.24	
20MHz BW	1	5180	36	242T	11.56		
		5200	40	242T	11.47		
		5200	44	242T	11.37		
		5240	48	242T	11.35		
	2A	5260	52	242T	11.17		
		5260	56	242T	11.05		
		5300	60	242T	11.17		
		5320	64	242T	11.05		
	2C	5500	100	242T	10.66		
		5600	120	242T	10.59		
		5620	124	242T	10.37		
		5720	144	242T	10.25		
40MHz BW	1	5190	38	52T	11.50	11.70	11.36
		5230	46	52T	11.05	11.67	11.17
		5270	54	52T	10.72	11.60	10.95
		5310	62	52T	10.15	10.97	10.52
	2A	5510	102	52T	10.60	11.07	10.44
		5590	118	52T	10.54	11.34	10.79
		5630	126	52T	10.16	11.10	10.59
		5710	142	52T	10.38	10.95	10.30
	2C	5755	151	52T	10.43	10.69	10.14
		5795	159	52T	10.78	11.02	10.57
40MHz BW	1	5190	38	106T	11.53	11.78	11.52
		5230	46	106T	11.15	11.55	11.23
		5270	54	106T	10.80	11.42	10.99
		5310	62	106T	10.29	10.97	10.54
	2A	5510	102	106T	10.64	10.99	10.51
		5590	118	106T	10.62	11.28	10.83
		5670	126	106T	10.35	11.08	10.62
		5710	142	106T	10.40	10.94	10.48
	2C	5755	151	106T	10.45	10.68	10.40
		5795	159	106T	10.86	11.03	10.66
40MHz BW	1	5190	38	242T	10.09	10.13	
		5230	46	242T	9.84	9.99	
		5270	54	242T	9.14	9.39	
		5310	62	242T	9.42	9.73	
	2A	5510	102	242T	8.95	8.94	
		5590	118	242T	8.65	8.85	
		5670	126	242T	8.50	8.70	
		5710	134	242T	8.78	8.77	
	2C	5755	151	242T	8.75	8.79	
		5795	159	242T	8.78	8.76	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	2A	5190	38	484T	12.13		
		5230	46	484T	11.67		
		5270	54	484T	10.45		
2C	2C	5310	62	484T	10.73		
		5510	102	484T	10.39		
		5550	118	484T	10.51		
		5630	126	484T	10.22		
3	3	5710	142	484T	10.28		
		5755	151	484T	10.38		
		5795	159	484T	10.72		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	1	5210	42	26T	9.95	10.48	9.99
3	3	5775	155	26T	9.49	9.88	9.41

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	1	5210	42	52T	11.06	11.56	11.22
2A	2A	5290	58	52T	9.53	10.64	10.22
2C	2C	5530	106	52T	10.09	10.67	10.20
		5610	122	52T	10.38	10.83	10.40
		5690	138	52T	10.39	11.09	10.56
3	3	5775	155	52T	10.85	10.90	10.46

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	1	5210	42	106T	11.27	11.45	11.22
2A	2A	5290	58	106T	10.03	10.70	10.34
2C	2C	5530	106	106T	10.38	10.52	10.04
		5610	122	106T	10.69	11.01	10.66
		5690	138	106T	10.36	11.07	10.47
3	3	5775	155	106T	11.13	11.09	10.61

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	1	5210	42	242T	9.71	9.63	9.84
2A	2A	5290	58	242T	9.61	9.93	9.55
2C	2C	5530	106	242T	8.90	8.84	9.73
		5610	122	242T	9.14	9.00	9.96
		5690	138	242T	9.02	9.15	9.22
3	3	5775	155	242T	9.09	9.22	9.08

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	1	5210	42	484T	9.37	9.62	
2A	2A	5290	58	484T	9.60	9.56	
2C	2C	5530	106	484T	8.92	8.97	
		5610	122	484T	8.90	8.92	
		5690	138	484T	9.18	9.24	
3	3	5775	155	484T	9.07	9.04	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	1	5210	42	996T	11.35		
2A	2A	5290	58	996T	10.14		
2C	2C	5530	106	996T	10.49		
		5610	122	996T	10.51		
		5690	138	996T	10.46		
3	3	5775	155	996T	11.02		

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Table H-4
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Antenna 3a

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
20MHz BW	1	5180	36	26T	10.05	10.34	9.73
		5200	40	26T	10.14	10.40	9.69
		5220	44	26T	10.07	10.39	9.82
		5240	48	26T	10.12	10.41	9.77
	2A	5745	149	26T	9.01	9.24	8.52
		5785	157	26T	9.29	9.52	8.90
		5825	165	26T	9.10	9.46	9.02
	3						

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	39	40
20MHz BW	1	5180	36	52T	9.73	9.73	9.78
		5200	40	52T	9.70	9.76	9.77
		5220	44	52T	9.65	9.60	9.64
		5240	48	52T	9.62	9.58	9.54
	2A	5260	52	52T	9.38	9.41	9.43
		5280	56	52T	9.65	9.67	9.60
		5300	60	52T	9.52	9.50	9.54
		5320	64	52T	9.69	9.63	9.61
	2C	5500	100	52T	8.94	8.95	8.92
		5600	120	52T	9.22	9.20	9.29
		5580	124	52T	9.30	9.29	9.26
5720		144	52T	9.01	9.00	9.02	
3	5745	149	52T	8.85	8.82	8.88	
	5785	157	52T	9.15	9.06	9.08	
	5825	165	52T	9.06	9.10	9.20	

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	54	N/A
20MHz BW	1	5180	36	106T	9.74	9.71	
		5200	40	106T	9.72	9.73	
		5220	44	106T	9.43	9.41	
		5240	48	106T	9.60	9.57	
	2A	5260	52	106T	9.48	9.39	
		5280	56	106T	9.60	9.64	
		5300	60	106T	9.52	9.55	
		5320	64	106T	9.62	9.61	
	2C	5500	100	106T	8.90	8.94	
		5600	120	106T	9.24	9.22	
		5620	124	106T	9.23	9.20	
5720		144	106T	9.00	9.01		
3	5745	149	106T	8.84	8.87		
	5785	157	106T	9.21	9.25		
	5825	165	106T	9.18	9.21		

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	N/A	N/A
20MHz BW	1	5180	36	242T	9.80		
		5200	40	242T	9.61		
		5200	44	242T	9.65		
		5240	48	242T	9.58		
	2A	5260	52	242T	9.61		
		5260	56	242T	9.63		
		5300	60	242T	9.55		
		5320	64	242T	9.65		
	2C	5500	100	242T	8.93		
		5600	120	242T	9.26		
		5620	124	242T	9.26		
5720		144	242T	9.02			
3	5745	149	242T	8.87			
	5785	157	242T	9.25			
	5825	165	9.07	9.28			

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	40	44
40MHz BW	1	5190	38	52T	9.64	9.91	9.50
		5230	46	52T	9.58	10.14	9.78
	2A	5270	54	52T	8.93	9.77	9.16
		5310	62	52T	9.22	10.17	9.70
	2C	5510	102	52T	9.33	9.84	9.29
		5590	118	52T	9.11	9.85	9.19
	3	5630	126	52T	8.77	9.71	9.17
		5710	142	52T	8.78	9.52	8.92
		5755	151	52T	9.03	9.27	8.52
		5795	159	52T	8.92	9.28	8.62

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	N/A
40MHz BW	1	5190	38	242T	9.82	9.98	
		5230	46	242T	9.84	10.07	
	2A	5270	54	242T	9.58	9.75	
		5310	62	242T	9.98	10.05	
	2C	5510	102	242T	9.77	9.83	
		5590	118	242T	9.57	9.56	
	3	5630	126	242T	9.29	9.53	
		5670	134	242T	9.55	9.56	
		5755	151	242T	9.36	9.35	
		5795	159	242T	9.32	9.25	

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1		5190	38	484T	9.93		
		5230	46	484T	9.92		
		5270	54	484T	9.59		
2A		5310	62	484T	10.03		
		5510	102	484T	9.78		
		5590	118	484T	9.66		
2C		5630	126	484T	9.33		
		5710	142	484T	9.43		
		5755	151	484T	9.24		
3		5795	159	484T	9.19		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1		5210	42	26T	9.30	9.80	9.48
3		5775	155	26T	9.14	9.27	8.42

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1		5210	42	52T	9.27	9.55	9.44
2A		5290	58	52T	9.13	9.77	9.59
2C		5530	106	52T	9.50	9.58	9.16
		5610	122	52T	9.00	9.44	9.05
		5690	138	52T	8.74	9.43	8.69
3		5775	155	52T	9.17	9.05	8.47

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1		5210	42	106T	9.41	9.63	9.60
2A		5290	58	106T	9.35	9.88	9.70
2C		5530	106	106T	9.76	9.70	9.38
		5610	122	106T	9.19	9.48	9.22
		5690	138	106T	9.04	9.42	9.01
3		5775	155	106T	9.30	9.20	8.68

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1		5210	42	242T	9.59	9.58	9.82
2A		5290	58	242T	9.74	9.84	9.88
2C		5530	106	242T	9.96	9.84	9.74
		5610	122	242T	9.45	9.49	9.34
		5690	138	242T	9.45	9.63	9.32
3		5775	155	242T	9.35	9.46	9.11

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1		5210	42	484T	9.03	9.40	
2A		5290	58	484T	9.32	9.57	
2C		5530	106	484T	9.43	9.14	
		5610	122	484T	8.96	8.92	
		5690	138	484T	8.90	9.06	
3		5775	155	484T	9.22	9.09	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1		5210	42	996T	9.81		
2A		5290	58	996T	10.46		
2C		5530	106	996T	9.76		
		5610	122	996T	9.46		
		5690	138	996T	9.34		
3		5775	155	996T	9.21		

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Table H-5
Maximum 5 GHz 802.11ax RU Time-Averaged WLAN Output Power – Antenna 3c

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	4	8
20MHz BW	1	5180	36	26T	10.25	10.14	10.15
		5200	40	26T	10.35	10.34	10.42
		5220	44	26T	10.35	10.20	10.18
		5240	48	26T	10.13	10.08	10.11
	2A	5745	149	26T	10.19	10.18	10.17
		5785	157	26T	10.57	10.60	10.54
		5825	165	26T	10.31	10.36	10.39
	2C	5500	100	106T	14.93	14.92	
		5600	120	106T	15.00	14.99	
		5620	124	106T	15.09	15.09	
		5720	144	106T	15.08	15.07	
20MHz BW	1	5180	36	106T	14.93	14.92	
		5200	40	106T	15.00	14.99	
		5220	44	106T	15.09	15.09	
		5240	48	106T	15.08	15.03	
	2A	5260	52	106T	14.98	15.00	
		5280	56	106T	14.87	14.85	
		5300	60	106T	15.06	15.05	
		5320	64	106T	14.95	14.97	
	2C	5500	100	106T	14.02	14.00	
		5600	120	106T	14.04	14.03	
		5620	124	106T	14.08	14.09	
20MHz BW	1	5180	36	242T	14.96		
		5200	40	242T	15.03		
		5220	44	242T	15.11		
		5240	48	242T	15.04		
	2A	5260	52	242T	14.99		
		5280	56	242T	15.09		
		5300	60	242T	15.01		
		5320	64	242T	14.96		
	2C	5500	100	242T	14.07		
		5600	120	242T	14.02		
		5620	124	242T	14.09		
40MHz BW	1	5190	38	52T	12.06	13.05	12.41
		5230	46	52T	12.50	13.39	12.74
		5270	54	52T	12.25	12.78	12.20
		5310	62	52T	9.46	9.91	9.33
	2A	5510	102	52T	11.73	12.64	12.01
		5590	118	52T	12.06	12.81	12.00
		5670	126	52T	11.81	12.33	11.71
		5710	142	52T	11.84	12.24	11.63
	2C	5755	151	52T	12.04	12.63	12.20
		5795	159	52T	12.14	13.05	12.47
40MHz BW	1	5190	38	106T	12.92	13.74	13.24
		5230	46	106T	14.45	15.06	14.51
		5270	54	106T	15.04	15.41	14.83
		5310	62	106T	9.60	10.00	9.47
	2A	5510	102	106T	11.94	12.68	12.15
		5590	118	106T	13.57	14.20	13.56
		5670	126	106T	13.46	13.92	13.60
		5710	142	106T	13.64	14.00	13.67
	2C	5755	151	106T	14.32	14.85	14.53
		5795	159	106T	14.25	14.88	14.56
40MHz BW	1	5190	38	242T	11.43	11.52	
		5230	46	242T	14.62	14.75	
		5270	54	242T	14.31	14.34	
		5310	62	242T	9.70	9.74	
	2A	5510	102	242T	12.66	12.83	
		5590	118	242T	13.59	13.40	
		5670	126	242T	13.11	13.43	
		5710	142	242T	12.05	12.14	
	2C	5755	151	242T	14.58	14.73	
		5795	159	242T	14.87	14.90	

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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	13.40		
		5230	46	484T	14.54		
		5270	54	484T	14.30		
2A		5310	62	484T	10.00		
		5510	102	484T	12.74		
		5590	118	484T	13.53		
2C		5630	126	484T	13.50		
		5710	142	484T	13.78		
		5755	151	484T	14.44		
3		5795	159	484T	14.91		

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1		5210	42	26T	9.74	10.51	10.07
3		5775	155	26T	9.51	9.89	9.66

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1		5210	42	106T	12.73	13.30	12.95
2A		5290	58	106T	9.79	9.92	9.45
2C		5530	106	106T	10.82	11.17	10.55
		5610	122	106T	13.78	14.03	13.54
		5690	138	106T	13.72	13.92	13.62
3		5775	155	106T	15.04	15.39	15.18

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1		5210	42	484T	10.06	10.18	
2A		5290	58	484T	9.72	9.70	
2C		5530	106	484T	11.03	10.81	
		5610	122	484T	13.60	13.40	
		5690	138	484T	12.74	13.01	
3		5775	155	484T	14.82	15.12	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1		5210	42	52T	12.94	13.50	12.92
2A		5290	58	52T	9.58	9.82	9.24
2C		5530	106	52T	10.49	11.15	10.42
		5610	122	52T	12.44	12.54	12.08
		5690	138	52T	12.49	12.78	12.29
3		5775	155	52T	12.77	13.34	13.08

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1		5210	42	242T	10.08	10.27	10.16
2A		5290	58	242T	10.43	10.53	10.24
2C		5530	106	242T	11.25	11.48	10.78
		5610	122	242T	14.06	14.16	13.92
		5690	138	242T	12.61	12.68	12.67
3		5775	155	242T	15.31	15.24	15.29

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1		5210	42	996T	13.57		
2A		5290	58	996T	10.08		
2C		5530	106	996T	11.17		
		5610	122	996T	14.26		
		5690	138	996T	13.71		
3		5775	155	996T	15.05		

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