

Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.



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Testing Appendix

Conducted Power (Full)						Conducted Power (Full)						Conducted Power (Full)						
WLAN2.4GHz Ant Aux						WLAN2.4GHz Ant Main						WLAN2.4GHz Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MMO Ant 1 Tune up	MMO Ant 1 Tune up
802.11b	1	2412			15.00	802.11b	1	2412			15.00	802.11b	1	2412				
	6	2437			19.00		6	2437			19.00		6	2437				
	11	2462			19.00		11	2462			19.00		11	2462				
	12	2467			19.00		12	2467			19.00		12	2467				
	13	2472			17.50		13	2472			16.50		13	2472				
802.11g	1	2412			18.00	802.11g	1	2412			18.50	802.11g	1	2412			12.500	12.50
	6	2437			19.00		6	2437			19.00		6	2437			13.500	13.50
	11	2462			17.75		11	2462			18.00		11	2462			12.000	12.00
	12	2467			15.50		12	2467			15.50		12	2467			9.000	9.00
	13	2472			12.50		13	2472			10.00		13	2472			6.000	6.00
802.11n HT20	1	2412			18.00	802.11n HT20	1	2412			18.50	802.11n HT20	1	2412			12.500	12.50
	6	2437			19.00		6	2437			19.00		6	2437			13.500	13.50
	11	2462			17.75		11	2462			18.00		11	2462			12.000	12.00
	12	2467			15.50		12	2467			15.50		12	2467			9.000	9.00
	13	2472			12.50		13	2472			9.00		13	2472			6.000	6.00
802.11n HT40	3	2422			16.50	802.11n HT40	3	2422			15.75	802.11n HT40	3	2422			10.500	10.50
	6	2437			17.25		6	2437			18.00		6	2437			12.000	12.00
	9	2452			17.50		9	2452			16.00		9	2452			11.000	11.00
	10	2457			13.00		10	2457			12.75		10	2457			7.000	7.00
	11	2462			11.50		11	2462			10.25		11	2462			6.000	6.00
802.11ax HE20	1	2412			17.00	802.11ax HE20	1	2412			17.50	802.11ax HE20	1	2412			11.500	11.50
	6	2437			19.00		6	2437			19.00		6	2437			13.500	13.50
	11	2462			16.75		11	2462			17.00		11	2462			11.000	11.00
	12	2467			14.50		12	2467			14.50		12	2467			9.000	9.00
	13	2472			11.50		13	2472			8.00		13	2472			6.000	6.00
	1	2412		0	19.00		1	2412		0	19.00		1	2412		0	10.500	10.50
	6	2437		0	19.00		6	2437		0	19.00		6	2437		0	13.500	13.50
	11	2462		0	18.75		11	2462		0	18.75		11	2462		0	13.000	13.00
	12	2467		0	18.25		12	2467		0	18.00		12	2467		0	12.500	12.50
	13	2472		0	9.00		13	2472		0	8.00		13	2472		0	4.000	4.00
	1	2412		37	19.00		1	2412		37	19.00		1	2412		37	10.500	10.50
	6	2437		37	19.00		6	2437		37	19.00		6	2437		37	13.500	13.50
	11	2462		37	19.00		11	2462		37	19.00		11	2462		37	13.500	13.50
	12	2467		37	16.25		12	2467		37	16.50		12	2467		37	10.500	10.50
	13	2472		37	10.00		13	2472		37	9.00		13	2472		37	4.000	4.00
	1	2412		53	19.00		1	2412		53	19.00		1	2412		53	12.500	12.50
	6	2437		53	19.00		6	2437		53	19.00		6	2437		53	13.500	13.50
	11	2462		53	18.00		11	2462		53	18.00		11	2462		53	12.500	12.50
	12	2467		53	16.75		12	2467		53	15.75		12	2467		53	10.500	10.50
	13	2472		53	10.00		13	2472		53	10.00		13	2472		53	6.000	6.00
1	2412			15.00	1	2412			18.50	1	2412			12.500	12.50			
6	2437			19.00	6	2437			19.00	6	2437			13.500	13.50			
11	2462			17.75	11	2462			18.00	11	2462			12.000	12.00			
12	2467			15.50	12	2467			15.50	12	2467			9.000	9.00			
13	2472			12.50	13	2472			11.00	13	2472			6.000	6.00			

802.11ax HE40	3	2422			16.50	802.11ax HE40	3	2422			15.75	802.11ax HE40	3	2422			10.500	10.50
	6	2437			17.25		6	2437			18.00		6	2437			12.000	12.00
	9	2452			17.50		9	2452			16.00		9	2452			11.000	11.00
	10	2457			13.00		10	2457			12.75		10	2457			7.000	7.00
	11	2462			11.50		11	2462			10.25		11	2462			6.000	6.00
	3	2422		0	19.00		3	2422		0	19.00		3	2422		0.00	13.500	13.50
	6	2437		0	19.00		6	2437		0	19.00		6	2437		0.00	13.500	13.50
	9	2452		0	19.00		9	2452		0	19.00		9	2452		0	13.500	13.50
	10	2457		0	19.00		10	2457		0	19.00		10	2457		0.00	13.500	13.50
	11	2462		0	19.00		11	2462		0	19.00		11	2462		0.00	13.500	13.50
	3	2422		0	19.00		3	2422		0	19.00		3	2422		0	13.500	13.50
	6	2437		0	19.00		6	2437		0	19.00		6	2437		0	13.500	13.50
	9	2452		0	19.00		9	2452		0	19.00		9	2452		0	13.500	13.50
	10	2457		0	19.00		10	2457		0	19.00		10	2457		0	13.500	13.50
	11	2462		0	19.00		11	2462		0	19.00		11	2462		0	13.500	13.50
	3	2422		53	19.00		3	2422		53	19.00		3	2422		53	13.500	13.50
	6	2437		53	19.00		6	2437		53	19.00		6	2437		53	13.500	13.50
	9	2452		53	19.00		9	2452		53	19.00		9	2452		53	13.500	13.50
	10	2457		53	19.00		10	2457		53	19.00		10	2457		53	13.500	13.50
	11	2462		53	19.00		11	2462		53	19.00		11	2462		53	13.500	13.50
3	2422		61	17.00	3	2422		61	18.00	3	2422		61	12.000	12.00			
6	2437		61	19.00	6	2437		61	19.00	6	2437		61	13.500	13.50			
9	2452		61	17.50	9	2452		61	17.75	9	2452		61	12.000	12.00			
10	2457		61	17.25	10	2457		61	17.50	10	2457		61	11.500	11.50			
11	2462		61	10.00	11	2462		61	9.00	11	2462		61	5.000	5.00			
3	2422		65	16.50	3	2422		65	15.75	3	2422		65	10.500	10.50			
6	2437		65	17.25	6	2437		65	18.00	6	2437		65	12.000	12.00			
9	2452		65	17.50	9	2452		65	16.00	9	2452		65	11.000	11.00			
10	2457		65	13.00	10	2457		65	12.75	10	2457		65	7.000	7.00			
11	2462		65	11.50	11	2462		65	10.25	11	2462		65	5.000	5.00			

Testing Appendix

Bluetooth Ant Aux					
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)
BR / EDR	0	2402			11.00
	39	2441			11.00
	78	2480			11.00
LE	0	2402			7.00
	19	2440			7.00
	39	2480			7.00



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Testing Appendix

WLAN 5.2GHz Ant Aux					
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)
802.11a	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11n HT20	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11n HT40	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11ac VHT20	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11ac VHT40	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11ac VHT80	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11ax HE20	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00
802.11ax HE40	36	5180			15.00
	40	5200			15.00
	44	5220			15.00
	48	5240			15.00

WLAN 5.2GHz Ant Main					
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)
802.11a	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11n HT20	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11n HT40	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11ac VHT20	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11ac VHT40	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11ac VHT80	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11ax HE20	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00
802.11ax HE40	36	5180			17.00
	40	5200			17.00
	44	5220			17.00
	48	5240			17.00

WLAN 5.2GHz Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11a	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11n HT20	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11n HT40	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11ac VHT20	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11ac VHT40	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11ac VHT80	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50
802.11ax HE20	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5240			10.500	10.50
	48	5240			10.500	10.50
802.11ax HE40	36	5180			10.500	10.50
	40	5200			10.500	10.50
	44	5220			10.500	10.50
	48	5240			10.500	10.50

WLAN 5.3GHz Ant Aux					
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)
802.11a	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11n HT20	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11n HT40	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ac VHT20	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ac VHT40	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ac VHT80	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ax HE20	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ax HE40	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ax HE80	52	5260			15.00
	56	5280			15.00
	60	5300			15.00
	64	5320			15.00
802.11ax HE160	50	5260	SU	-	14.00
			26T	0	14.00
			52T	37	15.00
			106T	53	15.00
			242T	61	15.00
			484T	66	15.00
			996T	67	15.00
			996T*2	S68	14.00
			SU	-	14.00
			26T	0	14.00
			52T	37	17.00
			106T	53	17.00

WLAN 5.3GHz Ant Main					
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)
802.11a	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11n HT20	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11n HT40	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ac VHT20	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ac VHT40	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ac VHT80	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ax HE20	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ax HE40	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ax HE80	52	5260			17.00
	56	5280			17.00
	60	5300			17.00
	64	5320			17.00
802.11ax HE160	50	5260	SU	-	14.00
			26T	0	14.00
			52T	37	17.00
			106T	53	17.00
			242T	61	17.00
			484T	66	17.00
			996T	67	17.00
			996T*2	S68	14.00
			SU	-	14.00
			26T	0	14.00
			52T	37	17.00
			106T	53	17.00

WLAN 5.3GHz Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11a	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11n HT20	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11n HT40	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ac VHT20	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ac VHT40	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ac VHT80	52	5260			8.500	8.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ax HE20	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ax HE40	52	5260			10.500	10.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ax HE80	52	5260			8.500	8.50
	56	5280			10.500	10.50
	60	5300			10.500	10.50
	64	5320			10.500	10.50
802.11ax HE160	50	5250				
				SU	-	8.500 8.50
				2ET 0	8.500	8.50
				52T 37	10.500	10.50
				10ET 53	10.500	10.50
				242T 61	10.500	10.50
				484T 65	10.500	10.50
				968T 67	10.500	10.50
				968T 67	8.500	8.50
				968T 67	8.500	8.50



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Testing Appendix

WLAN 5.6GHz Ant Aux						WLAN 5.6GHz Ant Main						WLAN 5.6GHz Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11a	100	5500			15.50	802.11a	100	5500			15.50	802.11a	100	5500			10.000	10.00
	116	5580			15.50		116	5580			15.50		116	5580			10.000	10.00
	120	5600			15.50		120	5600			15.50		120	5600			10.000	10.00
	124	5620			15.50		124	5620			15.50		124	5620			10.000	10.00
	132	5660			15.50		132	5660			15.50		132	5660			10.000	10.00
802.11n HT20	140	5700			15.50	802.11n HT20	140	5700			15.50	802.11n HT20	140	5700			10.000	10.00
	144	5720			15.50		144	5720			15.50		144	5720			10.000	10.00
	100	5500			15.50		100	5500			15.50		100	5500			10.000	10.00
	116	5580			15.50		116	5580			15.50		116	5580			10.000	10.00
	120	5600			15.50		120	5600			15.50		120	5600			10.000	10.00
802.11n HT40	124	5620			15.50	802.11n HT40	124	5620			15.50	802.11n HT40	124	5620			10.000	10.00
	128	5640			15.50		128	5640			15.50		128	5640			10.000	10.00
	132	5660			15.50		132	5660			15.50		132	5660			10.000	10.00
	140	5700			15.50		140	5700			15.50		140	5700			10.000	10.00
	144	5720			15.50		144	5720			15.50		144	5720			10.000	10.00
802.11ac VHT20	102	5510			15.50	802.11ac VHT20	102	5510			15.50	802.11ac VHT20	102	5510			10.000	10.00
	110	5550			15.50		110	5550			15.50		110	5550			10.000	10.00
	118	5590			15.50		118	5590			15.50		118	5590			10.000	10.00
	126	5630			15.50		126	5630			15.50		126	5630			10.000	10.00
	134	5670			15.50		134	5670			15.50		134	5670			10.000	10.00
802.11ac VHT40	142	5710			15.50	802.11ac VHT40	142	5710			15.50	802.11ac VHT40	142	5710			10.000	10.00
	100	5500			15.50		100	5500			15.50		100	5500			10.000	10.00
	116	5580			15.50		116	5580			15.50		116	5580			10.000	10.00
	120	5600			15.50		120	5600			15.50		120	5600			10.000	10.00
	124	5620			15.50		124	5620			15.50		124	5620			10.000	10.00
802.11ac VHT80	128	5640			15.50	802.11ac VHT80	128	5640			15.50	802.11ac VHT80	128	5640			10.000	10.00
	132	5660			15.50		132	5660			15.50		132	5660			10.000	10.00
	140	5700			15.50		140	5700			15.50		140	5700			10.000	10.00
	144	5720			15.50		144	5720			15.50		144	5720			10.000	10.00
	102	5510			15.50		102	5510			15.50		102	5510			10.000	10.00
802.11ax HE20	110	5550			15.50	802.11ax HE20	110	5550			15.50	802.11ax HE20	110	5550			10.000	10.00
	118	5590			15.50		118	5590			15.50		118	5590			10.000	10.00
	126	5630			15.50		126	5630			15.50		126	5630			10.000	10.00
	134	5670			15.50		134	5670			15.50		134	5670			10.000	10.00
	142	5710			15.50		142	5710			15.50		142	5710			10.000	10.00
802.11ax HE40	106	5530			15.50	802.11ax HE40	106	5530			15.50	802.11ax HE40	106	5530			10.000	10.00
	122	5610			15.50		122	5610			15.50		122	5610			10.000	10.00
	138	5690			15.50		138	5690			15.50		138	5690			10.000	10.00
	114	5570			15.50		114	5570			15.50		114	5570			10.000	10.00



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Testing Appendix

WLAN 5.8GHz Ant Aux						WLAN 5.8GHz Ant Main						WLAN 5.8GHz Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	
802.11a	149	5745			16.00	802.11a	149	5745			16.00	802.11a	149	5745			10.500	10.500	
	153	5765			16.00		153	5765			16.00		153	5765			10.500	10.500	
	157	5785			16.00		157	5785			16.00		157	5785			10.500	10.500	
	161	5805			16.00		161	5805			16.00		161	5805			10.500	10.500	
	165	5825			16.00		165	5825			16.00		165	5825			10.500	10.500	
802.11n HT20	149	5745			16.00	802.11n HT20	149	5745			16.00	802.11n HT20	149	5745			10.500	10.500	
	153	5765			16.00		153	5765			16.00		153	5765			10.500	10.500	
	157	5785			16.00		157	5785			16.00		157	5785			10.500	10.500	
	161	5805			16.00		161	5805			16.00		161	5805			10.500	10.500	
	165	5825			16.00		165	5825			16.00		165	5825			10.500	10.500	
802.11n HT40	151	5755			16.00	802.11n HT40	151	5755			16.00	802.11n HT40	151	5755			10.500	10.500	
	159	5795			16.00		159	5795			16.00		159	5795			10.500	10.500	
	149	5745			16.00		149	5745			16.00		149	5745			10.500	10.500	
	153	5765			16.00		153	5765			16.00		153	5765			10.500	10.500	
	157	5785			16.00		157	5785			16.00		157	5785			10.500	10.500	
802.11ac VHT20	161	5805			16.00	802.11ac VHT20	161	5805			16.00	802.11ac VHT20	161	5805			10.500	10.500	
	165	5825			16.00		165	5825			16.00		165	5825			10.500	10.500	
	151	5755			16.00		151	5755			16.00		151	5755			10.500	10.500	
	159	5795			16.00		159	5795			16.00		159	5795			10.500	10.500	
	155	5775			16.00		155	5775			16.00		155	5775			10.500	10.500	
802.11ac VHT80	149	5745			16.00	802.11ac VHT80	149	5745			16.00	802.11ac VHT80	149	5745			10.500	10.500	
	153	5765			16.00		153	5765			16.00		153	5765			10.500	10.500	
	157	5785			16.00		157	5785			16.00		157	5785			10.500	10.500	
	161	5805			16.00		161	5805			16.00		161	5805			10.500	10.500	
	165	5825			16.00		165	5825			16.00		165	5825			10.500	10.500	
802.11ax HE20	151	5755			16.00	802.11ax HE20	151	5755			16.00	802.11ax HE20	151	5755			10.500	10.500	
	159	5795			16.00		159	5795			16.00		159	5795			10.500	10.500	
	149	5745			16.00		149	5745			16.00		149	5745			10.500	10.500	
	153	5765			16.00		153	5765			16.00		153	5765			10.500	10.500	
	157	5785			16.00		157	5785			16.00		157	5785			10.500	10.500	
802.11ax HE40	161	5805			16.00	802.11ax HE40	161	5805			16.00	802.11ax HE40	161	5805			10.500	10.500	
	165	5825			16.00		165	5825			16.00		165	5825			10.500	10.500	
	151	5755			16.00		151	5755			16.00		151	5755			10.500	10.500	
	159	5795			16.00		159	5795			16.00		159	5795			10.500	10.500	
	155	5775			16.00		155	5775			16.00		155	5775			10.500	10.500	
802.11ax HE80	155	5775			16.00	802.11ax HE80	155	5775			16.00	802.11ax HE80	155	5775			10.500	10.500	

UNII-5 Ant Aux						UNII-5 Ant Main						UNII-5 Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11ax HE160	15	6025			12	802.11ax HE160	15	6025			12	802.11ax HE160	15	6025			6.5	6.5
	47	6185			12		47	6185			12		47	6185			6.5	6.5
	79	6345			12		79	6345			12		79	6345			6.5	6.5

UNII-6 Ant Aux						UNII-6 Ant Main						UNII-6 Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11ax HE160	111	6505			12.0	802.11ax HE160	111	6505			12.0	802.11ax HE160	111	6505			6.500	6.5

UNII-7 Ant Aux						UNII-7 Ant Main						UNII-7 Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11ax HE160	143	6665			12.0	802.11ax HE160	143	6665			12.0	802.11ax HE160	143	6665			6.500	6.5
	175	6825			12.0		175	6825			12.0		175	6825			6.500	6.5

UNII-8 Ant Aux						UNII-8 Ant Main						UNII-8 Ant Aux + Main						
Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MAX Tune-up Power(dBm) (include tolerance)	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up
802.11ax HE160	207	6985			12.0	802.11ax HE160	207	6985			12.0	802.11ax HE160	207	6985			6.500	6.5

Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

Testing Appendix

Conducted Power (Full)						Conducted Power (Full)						Conducted Power (Full)					
WLAN2.4GHz Ant Aux						WLAN2.4GHz Ant Main						WLAN2.4GHz Ant Aux + Main					
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power
802.11b	1	2412			18.95	802.11b	1	2412			18.89	802.11b	1	2412			
	6	2437			18.87		6	2437			18.87		6	2437			
	11	2462			18.99		11	2462			18.90		11	2462			
	12	2467			18.96		12	2467			18.89		12	2467			
	13	2472			17.33		13	2472			18.36		13	2472			
802.11g	1	2412			17.82	802.11g	1	2412			18.38	802.11g	1	2412			
	6	2437			18.78		6	2437			18.80		6	2437			
	11	2462			17.61		11	2462			17.99		11	2462			
	12	2467			15.34		12	2467			15.23		12	2467			
	13	2472			12.49		13	2472			9.63		13	2472			
802.11n HT20	1	2412			17.97	802.11n HT20	1	2412			18.44	802.11n HT20	1	2412			
	6	2437			18.76		6	2437			18.62		6	2437			
	11	2462			17.60		11	2462			17.65		11	2462			
	12	2467			15.30		12	2467			15.22		12	2467			
	13	2472			12.30		13	2472			8.73		13	2472			
802.11n HT40	3	2422			16.30	802.11n HT40	3	2422			15.67	802.11n HT40	3	2422			
	6	2437			17.22		6	2437			17.68		6	2437			
	9	2452			17.22		9	2452			15.34		9	2452			
	10	2457			12.90		10	2457			12.47		10	2457			
	11	2462			11.39		11	2462			10.90		11	2462			
802.11ax HE20	1	2412			15.49	802.11ax HE20	1	2412			17.35	802.11ax HE20	1	2412			
	6	2437			18.77		6	2437			18.83		6	2437			
	11	2462	SU	-	16.38		11	2462	SU	-	16.75		11	2462	SU	-	
	12	2467			14.35		12	2467			14.32		12	2467			
	13	2472			11.10		13	2472			7.65		13	2472			
	1	2412			0		1	2412			0		1	2412			
	6	2437			0		6	2437			0		6	2437			
	11	2462	20T	0	18.22		11	2462	20T	0	18.52		11	2462	20T	0	12.84
	12	2467			0		12	2467			0		12	2467			
	13	2472			0		13	2472			0		13	2472			
	1	2412			0		1	2412			0		1	2412			
	6	2437			37		6	2437			37		6	2437			
	11	2462	52T	37	18.87		11	2462	52T	37	18.81		11	2462	52T	37	13.44
	12	2467			37		12	2467			37		12	2467			
	13	2472			37		13	2472			37		13	2472			
	1	2412			53		1	2412			53		1	2412			
	6	2437			53		6	2437			53		6	2437			
	11	2462	106T	53	18.82		11	2462	106T	53	18.74		11	2462	106T	53	13.42
	12	2467			53		12	2467			53		12	2467			
	13	2472			53		13	2472			53		13	2472			
802.11ax HE40	1	2412			17.95	802.11ax HE40	1	2412			18.29	802.11ax HE40	1	2412			
	6	2437			18.90		6	2437			18.78		6	2437			
	11	2462	242T	61	17.44		11	2462	242T	61	17.67		11	2462	242T	61	11.89
	12	2467			15.43		12	2467			15.25		12	2467			
	13	2472			12.45		13	2472			10.93		13	2472			
	3	2422			15.71		3	2422			15.47		3	2422			
	6	2437			16.98		6	2437			17.70		6	2437			
	9	2452	SU	-	17.23		9	2452	SU	-	16.93		9	2452	SU	-	
	10	2457			12.75		10	2457			12.55		10	2457			
	11	2462			11.30		11	2462			9.98		11	2462			
	3	2422			0		3	2422			0		3	2422			
	6	2437			0		6	2437			0		6	2437			
	9	2452	20T	0	18.84		9	2452	20T	0	18.89		9	2452	20T	0	13.37
	10	2457			0		10	2457			0		10	2457			
	11	2462			0		11	2462			0		11	2462			
	3	2422			0		3	2422			0		3	2422			
	6	2437			0		6	2437			0		6	2437			
	9	2452	52T	0	18.93		9	2452	52T	0	18.85		9	2452	52T	0	13.44
	10	2457			0		10	2457			0		10	2457			
	11	2462			0		11	2462			0		11	2462			
802.11ax HE40	3	2422			53	802.11ax HE40	3	2422			53	802.11ax HE40	3	2422			
	6	2437			53		6	2437			53		6	2437			
	9	2452	106T	53	18.83		9	2452	106T	53	18.75		9	2452	106T	53	13.44
	10	2457			53		10	2457			53		10	2457			
	11	2462			53		11	2462			53		11	2462			
	3	2422			61		3	2422			61		3	2422			
	6	2437			61		6	2437			61		6	2437			
	9	2452	242T	61	17.33		9	2452	242T	61	17.61		9	2452	242T	61	11.81
	10	2457			61		10	2457			61		10	2457			
	11	2462			61		11	2462			61		11	2462			
	3	2422			65		3	2422			65		3	2422			
	6	2437			65		6	2437			65		6	2437			
	9	2452	484T	65	17.41		9	2452	484T	65	16.91		9	2452	484T	65	10.89
	10	2457			65		10	2457			65		10	2457			
	11	2462			65		11	2462			65		11	2462			
	3	2422			65		3	2422			65		3	2422			
	6	2437			65		6	2437			65		6	2437			
	9	2452			65		9	2452			65		9	2452			
	10	2457			65		10	2457			65		10	2457			
	11	2462			65		11	2462			65		11	2462			

Testing Appendix

Bluetooth Ant Aux					SAR
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power
BR / EDR	0	2402			8.71
	39	2441			9.10
	78	2480			9.61
LE	0	2402			6.92
	19	2440			6.97
	39	2480			6.85

Testing Appendix

WLAN 5.2GHz Ant Aux					SAR	
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	
802.11a	36	5180			14.83	
	40	5200			14.85	
	44	5220			14.90	
	48	5240			14.90	
802.11n HT20	36	5180			14.85	
	40	5200			14.88	
	44	5220			14.87	
	48	5240			14.90	
802.11n HT40	36	5180			14.85	
	40	5200			14.88	
	44	5220			14.87	
	48	5240			14.90	
802.11ac VHT20	46	5230			14.91	
	36	5180			14.92	
	40	5200			14.84	
	44	5220			14.88	
802.11ac VHT40	46	5230			14.92	
	36	5180			14.94	
	40	5200			14.81	
	44	5220			14.85	
802.11ax HE20	46	5230			14.92	
	36	5180			14.93	
	40	5200			14.79	
	44	5220			14.85	
802.11ax HE40	46	5230			14.88	
	38	5190			14.84	
	40	5200			14.93	
	42	5210			14.96	

WLAN 5.2GHz Ant Main					SAR	
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	
802.11a	36	5180			16.94	
	40	5200			16.89	
	44	5220			16.91	
	48	5240			16.84	
802.11n HT20	36	5180			16.88	
	40	5200			16.94	
	44	5220			16.89	
	48	5240			16.89	
802.11n HT40	36	5180			16.89	
	40	5200			16.90	
	44	5220			16.82	
	40	5200			16.92	
802.11ac VHT20	46	5230			16.88	
	44	5220			16.87	
	36	5180			16.90	
	46	5230			16.89	
802.11ac VHT40	46	5230			16.89	
	42	5210			16.97	
	36	5180			16.89	
	40	5200			16.95	
802.11ax HE20	46	5230			16.79	
	44	5220			16.83	
	48	5240			16.84	
	38	5190			16.94	
802.11ax HE40	46	5230			16.91	
	40	5200			16.94	
	44	5220			16.91	
	42	5210			16.99	

WLAN 5.2GHz Ant Aux + Main					MIMO Ant Aux+Main		
Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11a	36	5180			10.33	10.29	13.32
	40	5200			10.42	10.29	13.37
	44	5220			10.35	10.39	13.38
	48	5240			10.25	10.27	13.36
802.11n HT20	36	5180			10.30	10.37	13.35
	40	5200			10.40	10.29	13.39
	44	5220			10.32	10.36	13.35
	48	5240			10.49	10.25	13.34
802.11n HT40	36	5180			10.38	10.37	13.38
	40	5200			10.35	10.30	13.34
	44	5220			10.25	10.35	13.31
	40	5200			10.38	10.39	13.36
802.11ac VHT20	46	5230			10.32	10.36	13.35
	44	5220			10.42	10.30	13.35
	36	5180			10.41	10.37	13.40
	46	5230			10.45	10.32	13.40
802.11ac VHT40	46	5230			10.45	10.44	13.44
	42	5210			10.59	10.30	13.46
	36	5180			10.47	10.37	13.43
	44	5220			10.41	10.42	13.43
802.11ax HE20	46	5230			10.60	10.22	13.42
	38	5190			10.40	10.48	13.45
	40	5200			10.37	10.42	13.41
	42	5210			10.56	10.35	13.47

WLAN 5.3GHz Ant Aux					SAR			
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power			
802.11a	52	5260			14.92			
	56	5280			14.97			
	60	5300			14.87			
	64	5320			14.91			
802.11n HT20	52	5260			14.83			
	56	5280			14.89			
	60	5300			14.92			
	64	5320			14.95			
802.11n HT40	52	5260			14.87			
	56	5280			14.88			
	60	5300			14.90			
	64	5320			14.95			
802.11ac VHT20	52	5260			14.89			
	54	5270			14.89			
	62	5310			14.92			
	58	5290			14.89			
802.11ac VHT40	52	5260			14.88			
	54	5270			14.88			
	62	5310			14.92			
	58	5290			14.87			
802.11ac VHT60	52	5260			14.93			
	54	5270			14.93			
	62	5310			14.90			
	58	5290			14.87			
802.11ax HE20	52	5260			14.85			
	56	5280			14.85			
	60	5300			14.93			
	64	5320			14.81			
802.11ax HE40	52	5260			14.89			
	54	5270			14.90			
	62	5310			14.93			
	58	5290			14.94			
					SU	-	13.95	
802.11ax HE160	50	5250	26T	0	13.93			
			52T	37	16.99			
			106T	53	14.94			
			242T	61	14.90			
			484T	65	14.92			
			996T	67	14.92			
					996T*2	S68	13.96	

WLAN 5.3GHz Ant Main					SAR		
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power		
802.11a	52	5260			16.85		
	56	5280			16.84		
	60	5300			16.88		
	64	5320			16.96		
802.11n HT20	52	5260			16.83		
	56	5280			16.83		
	60	5300			16.91		
	64	5320			16.93		
802.11n HT40	52	5260			16.89		
	56	5280			16.80		
	60	5300			16.84		
	64	5320			16.94		
802.11ac VHT20	52	5260			16.89		
	54	5270			16.96		
	62	5310			16.93		
	58	5290			16.90		
802.11ac VHT40	52	5260			16.82		
	56	5280			16.94		
	60	5300			16.95		
	64	5320			16.88		
802.11ac VHT60	52	5260			16.88		
	54	5270			16.81		
	62	5310			16.97		
	58	5290			16.90		
802.11ax HE20	52	5260			16.82		
	56	5280			16.94		
	60	5300			16.95		
	64	5320			16.88		
802.11ax HE40	52	5260			16.81		
	54	5270			16.87		
	62	5310			16.97		
	58	5290			16.90		
802.11ax HE160	50	5250	SU	-	13.91		
			26T	0	13.88		
			52T	37	16.98		
			106T	53	16.95		
802.11ax HE160	50	5250	242T	61	16.89		
			484T	65	16.95		
			996T	67	16.94		
			996T*2		S68	13.99	

WLAN 5.3GHz Ant Aux + Main					MIMO Ant Aux+Main			
Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power	
802.11a	52	5260			10.36	10.33	13.36	
	56	5280			10.38	10.34	13.37	
	60	5300			10.30	10.29	13.29	
	64	5320			10.33	10.30	13.33	
802.11n HT20	52	5260			10.40	10.37	13.40	
	56	5280			10.33	10.33	13.34	
	60	5300			10.39	10.32	13.37	
	64	5320			10.30	10.32	13.32	
802.11n HT40	52	5260			10.40	10.30	13.36	
	56	5280			10.34	10.33	13.35	
	60	5300			10.33	10.32	13.33	
	64	5320			10.33	10.32	13.34	
802.11ac VHT20	52	5260			10.42	10.30	13.37	
	62	5310			10.33	10.29	13.28	
	58	5290			10.40	10.35	13.39	
	50	5250			8.48	8.42	11.46	
802.11ac VHT40	52	5260			10.46	10.33	13.41	
	56	5280			10.37	10.28	13.34	
	60	5300			10.37	10.28	13.34	
	64	5320			10.46	10.29	13.37	
802.11ax HE20	52	5260			10.41	10.25	13.34	
	54	5270			10.40	10.34	13.38	
	62	5310			9.95	8.89	12.93	
	58	5290			8.61	8.30	11.47	
802.11ax HE160	50	5250	SU	-	7.66	7.65	10.77	
			26T	0	10.42	10.43	13.46	
			52T	37	10.34	10.18	13.27	
			106T	53	10.32	10.23	13.28	
802.11ax HE160	50	5250	242T	61	10.33	10.35	13.35	
			484T	65	10.33	10.35	13.35	
			996T	67	10.29	10.31	13.28	
			996T*2		S68	10.29	10.29	13.30



BUREAU
VERITAS

Testing Appendix

WLAN 5.6GHz Ant Aux						WLAN 5.6GHz Ant Main						WLAN 5.6GHz Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11a	100	5500			15.35	802.11a	100	5500			15.35	802.11a	100	5500			9.70	9.64	12.68
	116	5580			15.37		116	5580			15.37		116	5580			9.65	9.61	12.64
	120	5600			15.38		120	5600			15.38		120	5600			9.69	9.64	12.68
	132	5620			15.41		132	5620			15.35		132	5620			9.68	9.64	12.67
	144	5700			15.35		144	5700			15.35		144	5700			9.65	9.62	12.66
802.11n HT20	100	5500			15.35	802.11n HT20	100	5500			15.42	802.11n HT20	100	5500			9.77	9.59	12.65
	116	5580			15.30		116	5580			15.35		116	5580			9.74	9.59	12.68
	120	5600			15.42		120	5600			15.35		120	5600			9.69	9.65	12.68
	124	5620			15.37		124	5620			15.36		124	5620			9.68	9.62	12.66
	128	5640			15.38		128	5640			15.37		128	5640			9.69	9.63	12.67
802.11n HT40	100	5500			15.35	802.11n HT40	100	5500			15.35	802.11n HT40	100	5500			9.67	9.61	12.65
	116	5580			15.34		116	5580			15.38		116	5580			9.77	9.65	12.72
	120	5600			15.33		120	5600			15.35		120	5600			9.65	9.63	12.67
	124	5620			15.33		124	5620			15.38		124	5620			9.65	9.65	12.76
	128	5640			15.33		128	5640			15.38		128	5640			9.65	9.65	12.76
802.11ac VHT20	100	5500			15.35	802.11ac VHT20	100	5500			15.32	802.11ac VHT20	100	5500			9.77	9.62	12.71
	116	5580			15.35		116	5580			15.31		116	5580			9.77	9.60	12.70
	120	5600			15.39		120	5600			15.39		120	5600			9.66	9.60	12.64
	124	5620			15.38		124	5620			15.39		124	5620			9.65	9.63	12.65
	132	5660			15.37		132	5660			15.38		132	5660			9.64	9.62	12.64
802.11ac VHT40	100	5500			15.35	802.11ac VHT40	100	5500			15.32	802.11ac VHT40	100	5500			9.65	9.60	12.64
	116	5580			15.34		116	5580			15.32		116	5580			9.70	9.59	12.66
	120	5600			15.32		120	5600			15.39		120	5600			9.79	9.77	12.79
	124	5620			15.32		124	5620			15.39		124	5620			9.80	9.82	12.82
	132	5660			15.37		132	5660			15.41		132	5660			9.70	9.65	12.73
802.11ac VHT80	100	5500			15.45	802.11ac VHT80	100	5500			15.43	802.11ac VHT80	100	5500			9.91	9.88	12.91
	116	5580			15.40		116	5580			15.42		116	5580			9.97	9.96	12.97
	120	5600			15.40		120	5600			15.44		120	5600			9.97	9.96	12.97
	132	5660			15.40		132	5660			15.44		132	5660			9.97	9.96	12.97
	144	5720			15.40		144	5720			15.40		144	5720			9.97	9.96	12.97

WLAN 5.6GHz Ant Aux						WLAN 5.6GHz Ant Main						WLAN 5.6GHz Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11ax HE20	100	5500			15.34	802.11ax HE20	100	5500			15.30	802.11ax HE20	100	5500			9.63	9.58	12.62
	116	5580			15.41		116	5580			15.38		116	5580			9.72	9.60	12.67
	120	5600			15.38		120	5600			15.40		120	5600			9.66	9.66	12.67
	124	5620			15.38		124	5620			15.34		124	5620			9.65	9.59	12.63
	132	5660			15.39		132	5660			15.38		132	5660			9.65	9.65	12.65
802.11ax HE40	100	5500			15.37	802.11ax HE40	100	5500			15.38	802.11ax HE40	100	5500			9.75	9.68	12.73
	116	5580			15.42		116	5580			15.38		116	5580			9.65	9.63	12.65
	120	5600			15.39		120	5600			15.39		120	5600			9.66	9.64	12.66
	124	5620			15.37		124	5620			15.32		124	5620			9.80	9.76	12.79
	132	5660			15.40		132	5660			15.47		132	5660			9.85	9.80	12.87
802.11ax HE80	100	5500			15.47	802.11ax HE80	100	5500			15.43	802.11ax HE80	100	5500			9.97	9.96	12.97
	116	5580			15.47		116	5580			15.43		116	5580			10.01	10.01	13.01
	120	5600			15.48		120	5600			15.48		120	5600			9.97	9.96	12.97
	132	5660			15.48		132	5660			15.48		132	5660			9.97	9.96	12.97
	144	5720			15.48		144	5720			15.48		144	5720			9.97	9.96	12.97

UNII-5 Ant Aux						UNII-5 Ant Main						UNII-5 Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11ax HE100	15	6025			11.83	802.11ax HE100	15	6025			11.96	802.11ax HE100	15	6025			6.40	6.41	9.41
	47	6185			11.82		47	6185			11.84		47	6185			6.45	6.36	9.42
	79	6345			11.96		79	6345			11.99		79	6345			6.32	6.36	9.36
UNII-6 Ant Aux						UNII-6 Ant Main						UNII-6 Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11ax HE100	111	6505			11.89	802.11ax HE100	111	6505			11.97	802.11ax HE100	111	6505			6.37	6.46	9.42
UNII-7 Ant Aux						UNII-7 Ant Main						UNII-7 Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11ax HE100	143	6665			11.81	802.11ax HE100	143	6665			11.81	802.11ax HE100	143	6665			6.47	6.38	9.43
	175	6825			11.97		175	6825			11.93		175	6825			6.43	6.40	9.43
UNII-8 Ant Aux						UNII-8 Ant Main						UNII-8 Ant Aux + Main							
Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Aux Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	SISO Ant Main Avg. Power	Mode	Channel	Frequency	Tone	Worst RU	MIMO Ant Aux Avg. Power	MIMO Ant Main Avg. Power	MIMO Ant Aux+Main Avg. Power
802.11ax HE100	207	6985			11.99	802.11ax HE100	207	6985			11.96	802.11ax HE100	207	6985			6.33	6.48	9.470