

APPENDIX F: 802.11AX RU SAR EXCLUSION

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 1 of 21

F.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T, 996T and 996Tx2.

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

F.2 IEEE 802.11ax RU Target Powers

F.2.1 Maximum 802.11ax RU WLAN Output Power

Mode	Channel	IEEE 802.11 (Maximum in dBm) - Antenna W18																
		SISO								MIMO								
		26T		52T		106T		242T		26T		52T		106T		242T		
2.4 GHz WiFi 20 MHz bandwidth	1	14.00	14.00	14.45	14.00	14.45	14.00	14.45	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	2	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	3	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	4	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	5	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	6	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	7	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	8	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	9	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	10	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	11	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	12	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75
	13	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) - Antenna W17															
		SISO								MIMO							
		26T		52T		106T		242T		26T		52T		106T		242T	
2.4 GHz WiFi 20 MHz bandwidth	1	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	2	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	3	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	4	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	5	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	6	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	7	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	8	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	9	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	10	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	11	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
	12	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75
	13	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.

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 2 of 21



VLP Mode		Channel	IEEE 802.11 (Maximum in dBm) - Antenna WFST															
			Totals															
		26T Maximum	26T Nominal	52T Maximum	52T Nominal	106T Maximum	106T Nominal	242T Maximum	242T Nominal	484T Maximum	484T Nominal	966T Maximum	966T Nominal	966T*2 Maximum	966T*2 Nominal			
6 GHz WIF (20MHz BW) VLP	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	9-29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	33-43	NS	NS	NS	NS	-2.00	NS	1.00	NS	NS	NS	NS	NS	NS	NS			
	65-85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	97-113	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	117-181	NS	NS	NS	NS	NS	-1.75	NS	1.25	NS	NS	-0.25	NS	NS	NS			
	185	NS	NS	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	NS	NS			
	229	NS	NS	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	NS	NS			

VLP Mode		Channel	IEEE 802.11 (Maximum in dBm) - Antenna WFST															
			MIMO CDD															
		26T Maximum	26T Nominal	52T Maximum	52T Nominal	106T Maximum	106T Nominal	242T Maximum	242T Nominal	484T Maximum	484T Nominal	966T Maximum	966T Nominal	966T*2 Maximum	966T*2 Nominal			
6 GHz WIF (20MHz BW) VLP	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	9-29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	33-43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	65-85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	97-113	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	117-181	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	185	NS	NS	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	NS	NS			
	229	NS	NS	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	NS	NS			

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

VLP Mode		Channel	IEEE 802.11 (Maximum in dBm) - Antenna WFST															
			MIMO SDR															
		26T Maximum	26T Nominal	52T Maximum	52T Nominal	106T Maximum	106T Nominal	242T Maximum	242T Nominal	484T Maximum	484T Nominal	966T Maximum	966T Nominal	966T*2 Maximum	966T*2 Nominal			
6 GHz WIF (20MHz BW) VLP	2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	9-29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	33-43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	65-85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	97-113	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	117-181	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
	185	NS	NS	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	NS	NS			
	229	NS	NS	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	NS	NS			

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

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by:
DUT Type:		Technical Manager
Tablet Device		APPENDIX F:
		Page 7 of 21

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	12.78	12.94	12.91	2412	1	52T	13.31	13.44	13.35
2437	6	26T	12.71	12.68	12.74	2437	6	52T	15.91	15.94	15.88
2462	11	26T	12.88	12.91	12.70	2462	11	52T	13.30	13.23	13.16
Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)			Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		
			Ru Index						Ru Index		
			53	54	N/A				61	N/A	N/A
2412	1	106T	13.50	13.49		2412	1	242T	13.50		
2437	6	106T	18.87	18.97		2437	6	242T	19.63		
2462	11	106T	13.49	13.43		2462	11	242T	13.48		

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

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	12.80	12.94	13.00	2412	1	52T	13.46	13.50	13.49
2437	6	26T	12.82	12.99	12.84	2437	6	52T	15.98	15.97	15.96
2462	11	26T	12.83	12.86	12.92	2462	11	52T	13.46	13.35	13.49
Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)			Freq [MHz]	Channel	Tones	Avg Conducted Powers (dBm)		
			Ru Index						Ru Index		
			53	54	N/A				61	N/A	N/A
2412	1	106T	13.37	13.43		2412	1	242T	13.48		
2437	6	106T	18.99	19.00		2437	6	242T	20.31		
2462	11	106T	13.49	13.48		2462	11	242T	13.42		

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 11 of 21

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

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				
					RU Index								RU Index				
					0	4	8						37	39	40		
20MHz BW	1	5180	36	26T	11.21	11.23	11.45	20MHz BW	1	5180	36	52T	13.74	13.96	13.98		
		5200	40	26T	11.29	11.22	11.45			5200	40	52T	13.75	13.93	13.97		
		5220	44	26T	10.66	10.87	11.00			5220	44	52T	13.70	13.94	14.00		
		5240	48	26T	10.79	10.84	10.94			5240	48	52T	13.80	13.96	14.09		
	3	5745	149	26T	11.00	11.01	11.03		2A	5260	52	52T	14.01	14.13	14.14		
		5785	157	26T	11.13	11.17	11.19			5280	56	52T	13.99	14.11	14.18		
		5825	165	26T	11.16	11.09	11.12			5300	60	52T	13.98	14.18	14.16		
										5320	64	52T	13.97	13.96	14.07		
	20MHz BW	1	5180	36	106T	13.90	14.02			20MHz BW	1	5180	36	242T	14.38		
			5200	40	106T	13.99	14.09					5200	40	242T	14.02		
			5220	44	106T	13.92	14.13					5220	44	242T	14.05		
			5240	48	106T	14.01	14.15					5240	48	242T	14.13		
2A		5260	52	106T	14.22	14.13		2A	5260		52	242T	14.23				
		5280	56	106T	14.14	14.33			5280		56	242T	14.13				
		5300	60	106T	14.18	14.28			5300		60	242T	14.23				
		5320	64	106T	14.08	14.20			5320		64	242T	14.56				
2C		5500	100	106T	14.01	14.05		2C	5500		100	242T	14.44				
		5600	120	106T	14.05	14.01			5600		120	242T	13.99				
		5620	124	106T	13.96	13.97			5620		124	242T	14.01				
		5720	144	106T	14.05	14.05			5720		144	242T	14.00				
3	5745	149	106T	13.91	13.99		3	5745	149	242T	14.12						
	5785	157	106T	14.18	14.10			5785	157	242T	14.20						
	5825	165	106T	13.99	14.00			5825	165	242T	13.99						

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
40MHz BW	1	5190	38	26T	11.11	11.25	11.30	40MHz BW	1	5190	38	52T	12.83	13.49	13.49
		5230	46	26T	10.95	11.25	11.03			5230	46	52T	13.92	13.93	14.11
		5755	151	26T	11.23	11.09	11.15			5270	54	52T	14.14	14.04	14.20
		5795	159	26T	11.17	11.11	11.14			5310	62	52T	14.10	14.14	14.18
	3	5510	102	106T	13.21	13.18	12.80		2A	5510	102	52T	13.20	12.80	13.06
		5590	118	106T	14.02	13.90	13.85			5590	118	52T	14.08	13.85	14.20
		5670	126	106T	13.95	14.15	14.02			5630	126	52T	14.13	13.83	14.28
		5710	142	106T	14.00	13.85	13.76			5710	142	52T	14.03	13.90	14.12
40MHz BW	1	5190	38	106T	13.66	13.65	13.20	40MHz BW	1	5190	38	242T	13.50	13.47	
		5230	46	106T	14.86	14.63	14.82			5230	46	242T	14.48	14.92	
		5270	54	106T	14.70	14.62	14.70			5270	54	242T	14.75	14.71	
		5310	62	106T	14.42	14.52	14.44			5310	62	242T	14.32	14.45	
	2A	5510	102	106T	13.21	13.18	12.80		2A	5510	102	242T	12.99	13.05	
		5590	118	106T	14.02	13.90	13.85			5590	118	242T	13.80	13.77	
		5670	126	106T	13.95	14.15	14.02			5670	126	242T	13.60	13.65	
		5710	142	106T	14.00	13.85	13.76			5710	142	242T	13.79	13.66	
3	5755	151	106T	14.28	14.24	14.30	2C	5755	151	242T	14.30	14.28			
	5795	159	106T	14.30	14.25	14.25		5795	159	242T	14.39	14.28			

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 12 of 21

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	13.55			
	5230	46	484T	14.70			
2A	5270	54	484T	14.70			
	5310	62	484T	14.57			
2C	5510	102	484T	12.97			
	5590	118	484T	14.07			
	5630	126	484T	14.04			
	5710	142	484T	13.70			
3	5755	151	484T	14.23			
	5795	159	484T	14.30			
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5210	42	52T	12.54	12.62	12.43	
2A	5290	58	52T	13.92	14.04	13.98	
2C	5530	106	52T	11.39	11.53	11.46	
	5610	122	52T	13.99	13.86	13.92	
3	5690	138	52T	13.81	13.70	13.73	
	5775	155	52T	13.80	14.03	14.00	
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5210	42	242T	12.51	12.48	12.53	
2A	5290	58	242T	14.44	14.32	14.43	
2C	5530	106	242T	11.43	11.54	11.50	
	5610	122	242T	14.05	14.01	13.90	
3	5690	138	242T	14.09	14.11	13.80	
	5775	155	242T	14.25	14.21	14.36	
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5210	42	996T	12.63			
2A	5290	58	996T	14.32			
2C	5530	106	996T	11.73			
	5610	122	996T	14.16			
3	5690	138	996T	13.73			
3	5775	155	996T	14.42			
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5250	50	106T	10.94	11.02	11.01	
2C	5570	114	106T	9.95	9.94	9.84	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5250	50	484T	10.77	10.96		
2C	5570	114	484T	9.93	9.99		
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996T	10.75			
2C	5570	114	996T	9.95			
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996Tx2	10.91			
2C	5570	114	996Tx2	9.80			
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5210	42	106T	12.50	12.25	12.45	
2A	5290	58	106T	14.36	14.60	14.47	
2C	5530	106	106T	11.36	11.56	11.57	
	5610	122	106T	14.02	14.00	13.99	
3	5690	138	106T	14.11	14.12	13.83	
	5775	155	106T	14.11	14.23	14.20	
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5210	42	484T	12.42	12.54		
2A	5290	58	484T	14.32	14.47		
2C	5530	106	484T	11.32	11.59		
	5610	122	484T	14.08	14.05		
3	5690	138	484T	13.70	14.15		
	5775	155	484T	14.29	14.30		
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5250	50	52T	10.88	11.16	11.16	
2C	5570	114	52T	9.90	9.83	10.06	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5250	50	242T	10.93	10.99	10.97	
2C	5570	114	242T	10.01	10.00	10.01	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5250	50	996T	10.75			
2C	5570	114	996T	9.95			

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 13 of 21

**Table F-4
Maximum 5 GHz 802.11ax RU Output Power – Ant WF2**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				
					RU Index								RU Index				
					0	4	8						37	39	40		
20MHz BW	1	5180	36	26T	10.70	10.80	10.81	20MHz BW	1	5180	36	52T	13.90	13.87	13.82		
		5200	40	26T	10.70	11.09	10.90			5200	40	52T	14.09	13.97	13.92		
		5220	44	26T	10.84	10.80	10.72			5220	44	52T	13.80	14.02	13.98		
		5240	48	26T	10.94	10.90	10.80			5240	48	52T	14.08	14.02	13.97		
	3	5745	149	26T	10.91	10.90	10.94		2A	5260	52	52T	14.09	14.07	14.00		
		5785	157	26T	11.08	11.10	11.10			5280	56	52T	13.99	13.88	14.02		
		5825	165	26T	11.12	11.13	10.87			5300	60	52T	13.95	13.90	13.98		
										5320	64	52T	13.97	14.01	13.93		
	20MHz BW	1	5180	36	106T	15.52	15.42			20MHz BW	1	5180	36	242T	15.43		
			5200	40	106T	16.90	16.90					5200	40	242T	16.99		
			5220	44	106T	16.76	16.88					5220	44	242T	16.90		
			5240	48	106T	16.80	16.88					5240	48	242T	16.88		
2A		5260	52	106T	16.84	16.91		2A	5260		52	242T	17.03				
		5280	56	106T	16.84	16.91			5280		56	242T	16.98				
		5300	60	106T	17.00	16.95			5300		60	242T	17.13				
		5320	64	106T	15.52	15.42			5320		64	242T	15.50				
2C		5500	100	106T	13.91	13.97		2C	5500		100	242T	13.96				
		5600	120	106T	15.90	15.95			5600		120	242T	15.90				
		5620	124	106T	15.85	16.00			5620		124	242T	15.83				
		5720	144	106T	15.89	15.80			5720		144	242T	15.80				
3	5745	149	106T	16.11	16.20		3	5745	149	242T	16.29						
	5785	157	106T	16.30	16.39			5785	157	242T	16.25						
	5825	165	106T	16.30	16.26			5825	165	242T	16.29						

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					0	8	17						37	40	44
40MHz BW	1	5190	38	26T	10.90	11.01	11.02	40MHz BW	1	5190	38	52T	13.42	13.35	13.40
		5230	46	26T	10.87	10.99	11.10			5230	46	52T	13.81	13.94	13.97
	3	5755	151	26T	11.04	10.96	10.88		2A	5270	54	52T	13.90	13.83	14.00
		5795	159	26T	11.06	10.82	10.85			5310	62	52T	14.06	13.99	13.82
	2C	5510	102	106T	12.80	12.99	12.94		2C	5510	102	52T	12.99	12.80	12.95
		5590	118	106T	15.82	15.89	16.01			5590	118	52T	13.75	13.92	13.91
		5670	126	106T	15.02	14.90	14.90			5630	126	52T	13.82	13.95	13.95
		5710	142	106T	15.89	15.87	15.99			5710	142	52T	13.85	13.90	13.98
3	5755	151	106T	16.30	16.29	16.23	3	5755	151	52T	14.06	13.99	13.84		
	5795	159	106T	16.35	16.15	16.33		5795	159	52T	13.84	13.83	13.91		

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	54	56						61	62	N/A
40MHz BW	1	5190	38	106T	13.60	13.61	13.44	40MHz BW	1	5190	38	242T	13.53	13.62	
		5230	46	106T	16.81	17.00	16.96			5230	46	242T	16.82	16.92	
	2A	5270	54	106T	16.89	17.05	17.02		2A	5270	54	242T	16.87	17.02	
		5310	62	106T	14.40	14.40	14.35			5310	62	242T	14.34	14.37	
	2C	5510	102	106T	12.80	12.99	12.94		2C	5510	102	242T	12.92	12.99	
		5590	118	106T	15.82	15.89	16.01			5590	118	242T	15.94	16.01	
		5670	126	106T	15.02	14.90	14.90			5670	126	242T	15.98	16.03	
		5710	142	106T	15.89	15.87	15.99			5710	142	242T	14.23	14.30	
	3	5755	151	106T	16.30	16.29	16.23		3	5755	151	242T	16.25	16.16	
		5795	159	106T	16.35	16.15	16.33			5795	159	242T	16.16	16.20	

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 14 of 21

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	N/A	N/A						0	18	36
1	5190	38	484T	13.53			1	5210	42	26T	10.70	10.74	10.91		
	5230	46	484T	16.93				3	5775	155	26T	10.80	10.89	10.98	
2A	5270	54	484T	17.08			1		5210	42	106T	12.49	12.55	12.44	
	5310	62	484T	14.23				2A	5290	58	106T	14.43	14.45	14.32	
2C	5510	102	484T	12.90			2C		5530	106	106T	11.50	11.58	11.32	
	5590	118	484T	15.89				5610	122	106T	15.80	15.86	15.92		
	5630	126	484T	15.02					5690	138	106T	15.84	15.80	16.05	
5710	142	484T	16.03			3	5775	155	106T	15.85	15.92	15.84			
	5755	151	484T	16.30											
5795	159	484T	16.36												
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					37	44	52						53	56	60
1	5210	42	52T	12.47	12.52	12.40	1	5210	42	106T	12.49	12.55	12.44		
	5290	58	52T	13.99	13.91	13.82		2A	5290	58	106T	14.43	14.45	14.32	
2A	5530	106	52T	11.54	11.48	11.35	2C		5530	106	106T	11.50	11.58	11.32	
	5610	122	52T	13.82	14.02	14.04		5610	122	106T	15.80	15.86	15.92		
5690	138	52T	13.92	14.00	13.90	3	5690		138	106T	15.84	15.80	16.05		
	5775	155	52T	13.96	14.00		13.85	5775	155	106T	15.85	15.92	15.84		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					61	62	64						65	66	N/A
1	5210	42	242T	12.45	12.37	12.59	1	5210	42	484T	12.40	12.48	N/A		
	5290	58	242T	14.50	14.49	14.55		2A	5290	58	484T	14.50	14.55		
2A	5530	106	242T	11.52	11.47	11.52	2C		5530	106	484T	11.55	11.61		
	5610	122	242T	15.85	15.81	15.90		5610	122	484T	16.02	16.05			
5690	138	242T	14.30	14.16	14.21	3	5690		138	484T	14.91	14.82			
	5775	155	242T	15.95	15.85		15.94	5775	155	484T	15.86	15.80			
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					67	N/A	N/A						37	44	52
1	5210	42	996T	12.51			1	5250	50	52T	10.96	10.90	10.99		
	5290	58	996T	14.40				2C	5570	114	52T	9.75	9.94	9.90	
2A	5530	106	996T	11.52			1		5250	50	242T	10.92	10.95	10.99	
	5610	122	996T	16.02				2C	5570	114	242T	9.95	9.90	9.90	
5690	138	996T	16.00												
5775	155	996T	15.90												
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					53	56	60						61	62	64
1	5250	50	106T	10.80	10.94	10.94	1	5250	50	242T	10.92	10.95	10.99		
	5570	114	106T	9.90	9.89	9.92		2C	5570	114	242T	9.95	9.90	9.90	
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)	
					RU Index			RU Index							
					65	66	N/A	67						N/A	N/A
1	5250	50	484T	10.78	10.99		1	5250	50	996T	10.98				
	5570	114	484T	9.90	9.99			2C	5570	114	996T	9.93			
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)	
					RU Index			RU Index							
					67	N/A	N/A	67						N/A	N/A
1	5250	50	996Tx2	10.95			1	5250	50	996Tx2	10.95				
	5570	114	996Tx2	9.90				2C	5570	114	996Tx2	9.90			

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 15 of 21

Table F-5
Maximum 6 GHz 802.11ax RU Output Power – Ant WF5T

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	4	8						37	39	40	
20MHz BW	5	5955	1	26T	8.90	8.91	8.76	20MHz BW	5	5955	1	52T	11.91	11.95	12.00	
		6175	45	26T	8.99	9.90	8.92			6175	45	52T	11.75	11.80	11.70	
		6195	49	26T	8.80	8.79	8.83			6195	49	52T	11.87	11.96	11.85	
		6415	93	26T	8.81	8.83	8.80			6415	93	52T	11.25	11.20	11.21	
	6	6435	97	26T	-6.03	-6.01	-6.07		6435	97	52T	-3.01	-3.03	-3.04		
		6475	105	26T	-6.02	-6.04	-5.99		6475	105	52T	-3.09	-3.08	-3.10		
		6515	113	26T	-6.08	-6.09	-6.10		6515	113	52T	-3.08	-3.06	-3.07		
	7	6535	117	26T	8.88	8.86	8.90		6535	117	52T	10.24	10.25	10.30		
		6695	149	26T	8.93	8.94	8.97		6695	149	52T	10.27	10.31	10.28		
		6875	185	26T	-5.60	-5.59	-5.63		6875	185	52T	-2.81	-2.77	-2.83		
	8	6895	189	26T	-5.54	-5.52	-5.55		6895	189	52T	-2.43	-2.45	-2.47		
		6995	209	26T	-5.61	-5.57	-5.59		6995	209	52T	-2.40	-2.38	-2.41		
7015		213	26T	-5.56	-5.53	-5.58	7015	213	52T	-2.42	-2.44	-2.46				
					NS	NS	NS					NS	NS	NS		
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					53	54	N/A						61	N/A	N/A	
20MHz BW	5	5955	1	106T	12.22	12.24		20MHz BW	5	5955	1	242T	12.24			
		6175	45	106T	12.29	12.30				6175	45	242T	12.30			
		6195	49	106T	12.22	12.24				6195	49	242T	12.22			
		6415	93	106T	11.20	11.22				6415	93	242T	11.25			
	6	6435	97	106T	1.87	1.84			6435	97	242T	3.90				
		6475	105	106T	1.79	1.80			6475	105	242T	3.95				
		6515	113	106T	1.86	1.88			6515	113	242T	3.88				
	7	6535	117	106T	10.34	10.35			6535	117	242T	10.28				
		6695	149	106T	10.34	10.34			6695	149	242T	10.29				
		6875	185	106T	0.39	0.34			6875	185	242T	4.35				
	8	6895	189	106T	0.45	0.43			6895	189	242T	4.38				
		6995	209	106T	0.49	0.56			6995	209	242T	4.40				
7015		213	106T	0.58	0.55		7015	213	242T	4.54						
					NS	NS					NS					
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	8	17						37	40	44	
40MHz BW	5	5965	3	26T	9.03	9.01	9.02	40MHz BW	5	5965	3	52T	11.95	11.96	11.98	
		6165	43	26T	8.70	8.74	8.78			6165	43	52T	11.86	11.88	11.80	
		6205	51	26T	8.90	8.87	8.85			6205	51	52T	12.01	12.00	11.93	
		6405	91	26T	9.09	9.05	9.06			6405	91	52T	11.22	11.20	11.23	
	6	6445	99	26T	-5.09	-5.06	-5.10		6445	99	52T	-2.33	-2.32	-2.35		
		6485	107	26T	-4.84	-4.90	-4.91		6485	107	52T	-1.90	-1.97	-1.93		
		6525	115	26T	-4.91	-4.92	-4.88		6525	115	52T	-1.89	-1.96	-1.92		
	7	6565	123	26T	8.90	8.96	8.97		6565	123	52T	10.20	10.24	10.28		
		6685	147	26T	9.00	8.98	9.00		6685	147	52T	10.27	10.24	10.25		
		6725	155	26T	8.85	8.80	8.97		6725	155	52T	10.25	10.27	10.24		
	8	6845	179	26T	8.89	8.91	9.90		6845	179	52T	10.15	10.16	10.20		
		6885	187	26T	-4.69	-4.71	-4.73		6885	187	52T	-1.90	-1.86	-1.83		
6965		203	26T	-4.34	-4.35	-4.33	6965	203	52T	-1.43	-1.41	-1.39				
					7005	211	26T	-4.78	-4.75	-4.73	7005	211	52T	-1.71	-1.69	-1.65
					7085	227	26T	-4.57	-4.49	-4.42	7085	227	52T	-1.57	-1.55	-1.53
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					53	54	56						61	62	N/A	
40MHz BW	5	5965	3	106T	12.23	12.20	12.19	40MHz BW	5	5965	3	242T	12.30	12.29		
		6165	43	106T	12.21	12.12	12.23			6165	43	242T	12.21	12.20		
		6205	51	106T	12.31	12.27	12.35			6205	51	242T	12.25	12.24		
		6405	91	106T	11.21	11.22	11.21			6405	91	242T	11.18	11.22		
	6	6445	99	106T	1.06	1.08	1.05		6445	99	242T	3.78	3.77			
		6485	107	106T	-0.29	-0.27	-0.31		6485	107	242T	3.80	3.77			
		6525	115	106T	0.29	-0.30	-0.28		6525	115	242T	3.84	3.85			
	7	6565	123	106T	10.30	10.24	10.25		6565	123	242T	10.26	10.25			
		6685	147	106T	10.25	10.27	10.25		6685	147	242T	10.28	10.24			
		6725	155	106T	10.30	10.25	10.26		6725	155	242T	10.29	10.27			
	8	6845	179	106T	10.22	10.19	10.20		6845	179	242T	10.21	10.20			
		6885	187	106T	1.05	0.98	0.99		6885	187	242T	4.17	4.15			
6965		203	106T	2.31	2.34	2.35	6965	203	242T	4.41	4.39					
					7005	211	106T	1.00	0.56	0.63	7005	211	242T	4.39	4.39	
					7085	227	106T	2.49	2.48	2.46	7085	227	242T	4.28	4.30	

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 16 of 21

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					65	N/A	N/A						0	18	36
5	5965	3	484T	12.25			5	5985	7	26T	8.79	8.81	8.84		
	6165	43	484T	12.13				6145	39	26T	9.00	9.06	9.02		
	6205	51	484T	12.22				6225	55	26T	9.00	9.12	9.12		
	6405	91	484T	11.25				6385	87	26T	8.90	8.90	8.96		
	6445	99	484T	6.80				6465	103	26T	-4.83	-4.80	-5.30		
	6485	107	484T	7.04				6545	119	26T	-4.96	-4.98	-4.99		
	6525	115	484T	7.02				6705	151	26T	9.00	9.00	9.00		
	6565	123	484T	10.32				6865	183	26T	-4.61	-4.58	-4.62		
	6685	147	484T	10.25				6945	199	26T	-4.55	-4.52	-4.46		
	6725	155	484T	10.19				7025	215	26T	-4.32	-4.48	-4.43		
	6845	179	484T	10.19											
	6885	187	484T	7.15											
	6965	203	484T	7.51											
	7005	211	484T	7.55											
	7085	227	484T	7.52											
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					37	44	52						53	56	60
5	5985	7	52T	11.96	12.03	12.01	5	5985	7	106T	12.18	12.19	12.20		
	6145	39	52T	11.89	11.93	11.92		6145	39	106T	12.21	12.21	12.20		
	6225	55	52T	12.04	12.11	12.12		6225	55	106T	12.20	12.23	12.23		
	6385	87	52T	11.06	11.11	11.15		6385	87	106T	11.44	11.44	11.45		
	6465	103	52T	-2.12	-2.10	-2.09		6465	103	106T	-0.87	-0.99	-0.89		
	6545	119	52T	-1.96	-1.98	-1.99		6545	119	106T	-0.77	-0.88	-0.82		
	6705	151	52T	10.30	10.20	10.24		6705	151	106T	10.23	10.22	10.22		
	6865	183	52T	-1.86	-1.83	-1.91		6865	183	106T	1.29	1.38	1.32		
	6945	199	52T	-1.65	-1.72	-1.68		6945	199	106T	0.58	0.72	0.59		
	7025	215	52T	-1.63	-1.65	-1.61		7025	215	106T	0.18	0.77	0.26		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					61	62	64						65	66	N/A
5	5985	7	242T	12.34	12.33	12.26	5	5985	7	484T	12.32	12.30			
	6145	39	242T	12.12	12.12	12.14		6145	39	484T	12.27	12.29			
	6225	55	242T	12.20	12.21	12.20		6225	55	484T	12.19	12.20			
	6385	87	242T	11.23	11.25	11.31		6385	87	484T	11.20	11.15			
	6465	103	242T	3.91	3.90	3.90		6465	103	484T	7.00	7.07			
	6545	119	242T	3.99	4.01	4.00		6545	119	484T	6.97	6.95			
	6705	151	242T	10.26	10.17	10.13		6705	151	484T	10.15	10.20			
	6865	183	242T	4.34	4.28	4.30		6865	183	484T	7.38	7.30			
	6945	199	242T	4.52	4.51	4.48		6945	199	484T	7.57	7.55			
	7025	215	242T	4.55	4.50	4.52		7025	215	484T	7.30	7.34			
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					67	N/A	N/A						0	18	36
5	5985	7	996T	12.30			5	6025	15	26T	9.02	9.02	9.11		
	6145	39	996T	12.33				6185	47	26T	8.96	8.90	8.90		
	6225	55	996T	12.30				6345	79	26T	8.93	9.01	9.03		
	6385	87	996T	11.22				6505	111	26T	-4.90	-4.92	-4.98		
	6465	103	996T	9.80				6665	143	26T	8.99	9.90	9.00		
	6545	119	996T	9.95				6825	175	26T	-4.65	-4.61	-4.63		
	6705	151	996T	10.30				6985	207	26T	-4.31	-4.30	-4.32		
	6865	183	996T	10.22											
	6945	199	996T	9.98											
	7025	215	996T	9.75											
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index								RU Index		
					37	44	52						53	56	60
5	6025	15	52T	11.70	11.70	11.94	5	6025	15	106T	12.30	12.29	12.22		
	6185	47	52T	11.84	11.86	11.84		6185	47	106T	12.22	12.24	12.23		
	6345	79	52T	11.23	11.28	11.27		6345	79	106T	11.19	11.19	11.19		
	6505	111	52T	-1.96	-1.95	-1.90		6505	111	106T	1.08	1.09	1.10		
	6665	143	52T	10.24	10.35	10.35		6665	143	106T	10.21	10.23	10.23		
	6825	175	52T	-1.77	-1.75	-1.72		6825	175	106T	0.86	0.80	0.80		
	6985	207	52T	-1.42	-1.40	-1.38		6985	207	106T	1.20	1.24	1.35		

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 17 of 21

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				
					RU Index								RU Index				
					61	62	64						65	66	N/A		
160MHz BW	5	6025	15	242T	12.33	12.32	12.32	160MHz BW	5	6025	15	484T	12.35	12.34			
		6185	47	242T	12.26	12.27	12.21			6185	47	484T	12.25	12.25			
		6345	79	242T	11.20	11.19	11.20			6345	79	484T	11.24	11.21			
	6	6505	111	242T	3.80	3.78	3.81		6	6505	111	484T	7.05	7.08			
		6665	143	242T	10.20	10.21	10.22			6665	143	484T	10.25	10.24			
	7	6825	175	242T	4.21	4.10	4.14		7	6825	175	484T	7.23	7.20			
		6985	207	242T	4.33	4.34	4.40			6985	207	484T	7.50	7.49			
	160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
						RU Index								RU Index			
						67(L)	N/A							N/A	67(L)	N/A	N/A
		5	6025	15	996T	12.41				160MHz BW	5	6025	15	996Tx2	12.40		
			6185	47	996T	12.29						6185	47	996Tx2	12.25		
6345			79	996T	11.21			6345	79			996Tx2	11.20				
6		6505	111	996T	10.90			6	6505		111	996Tx2	10.88				
		6665	143	996T	10.26				6665		143	996Tx2	10.25				
7		6825	175	996T	10.25			7	6825		175	996Tx2	10.20				
		6985	207	996T	9.91				6985		207	996Tx2	9.96				

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 18 of 21

**Table F-6
Maximum 6 GHz 802.11ax RU Output Power – Ant WF2**

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)												
					RU Index								RU Index												
					0	4	8						37	39	40										
5	5	5955	1	26T	8.46	8.66	8.55	5	5	5955	1	52T	11.87	11.89	11.84										
		6175	45	26T	8.30	8.39	8.40			6175	45	52T	12.00	11.99	11.92										
		6195	49	26T	8.84	8.91	8.87			6195	49	52T	12.01	11.96	11.95										
		6415	93	26T	8.58	8.52	8.57			6415	93	52T	12.06	12.01	12.13										
	6	6	6435	97	26T	-5.46	-5.38	-5.44	6	6	6435	97	52T	-1.87	-1.91	-1.90									
			6475	105	26T	-5.18	-5.13	-5.07			6475	105	52T	-1.77	-2.15	-2.10									
			6515	113	26T	-5.15	-5.22	-5.09			6515	113	52T	-1.86	-1.90	-1.93									
			6535	117	26T	8.76	8.66	8.71			6535	117	52T	12.00	12.02	12.09									
	7	7	6695	149	26T	9.07	9.10	9.12	7	7	6695	149	52T	11.99	11.71	11.87									
			6875	185	26T	-4.82	-4.79	-4.86			6875	185	52T	-1.63	-1.61	-1.62									
			6895	189	26T	-4.62	-4.81	-4.91			6895	189	52T	-1.53	-1.57	-1.52									
			6995	209	26T	-4.75	-4.80	-4.72			6995	209	52T	-1.50	-1.48	-1.87									
8	8	7015	213	26T	-4.64	-4.66	-4.58	8	8	7015	213	52T	-1.89	-1.77	-1.81										
		7115	233	26T	NS	NS	NS			7115	233	52T	NS	NS	NS										
20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)												
					RU Index								RU Index												
					53	54	N/A						61	N/A	N/A										
					5	5	5955						1	106T	11.12	11.39		5	5	5955	1	242T	11.20		
							6175						45	106T	10.86	11.20				6175	45	242T	10.99		
							6195						49	106T	11.66	11.89				6195	49	242T	11.70		
							6415						93	106T	10.63	10.79				6415	93	242T	10.72		
					6	6	6435						97	106T	1.18	0.63		6	6	6435	97	242T	3.33		
							6475						105	106T	0.38	0.45				6475	105	242T	3.11		
							6515						113	106T	0.15	0.60				6515	113	242T	3.25		
							6535						117	106T	12.22	12.19				6535	117	242T	10.44		
					7	7	6695						149	106T	12.31	12.28		7	7	6695	149	242T	12.19		
6875	185	106T	-0.56	-0.17				6875	185	242T	3.20														
6895	189	106T	-0.47	-0.10				6895	189	242T	3.22														
6995	209	106T	0.35	0.74				6995	209	242T	3.82														
8	8	7015	213	106T	-0.31	0.55		8	8	7015	213	242T	4.10												
		7115	233	106T	NS	NS				7115	233	242T	NS												
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)												
					RU Index								RU Index												
					0	8	17						37	40	44										
					5	5	5965						3	26T	7.38	7.43	7.63	5	5	5965	3	52T	11.07	11.41	11.40
							6165						43	26T	7.65	7.56	7.47			6165	43	52T	11.01	11.38	11.43
							6205						51	26T	7.39	7.36	7.49			6205	51	52T	11.20	11.24	11.33
							6405						91	26T	7.54	7.56	7.65			6405	91	52T	11.19	11.37	11.54
					6	6	6445						99	26T	-5.94	-5.99	-6.05	6	6	6445	99	52T	-3.20	-2.98	-2.96
							6485						107	26T	-5.91	-5.93	-6.00			6485	107	52T	-3.17	-2.92	-2.91
							6525						115	26T	-5.98	-5.97	-6.04			6525	115	52T	-3.21	-2.94	-2.98
							6565						123	26T	7.66	7.54	7.50			6565	123	52T	11.08	11.29	11.47
					7	7	6685						147	26T	7.54	7.40	7.52	7	7	6685	147	52T	11.13	11.31	11.27
6725	155	26T	7.53	7.51			7.49	6725	155	52T	11.10	11.46	11.24												
6845	179	26T	7.68	7.72			7.62	6845	179	52T	11.35	11.45	11.39												
6885	187	26T	-5.95	-6.15			-6.00	6885	187	52T	-3.21	-3.01	-2.65												
8	8	6965	203	26T	-5.91	-6.03	-5.97	8	8	6965	203	52T	-3.12	-2.89	-2.94										
		7005	211	26T	-5.82	-5.94	-6.01			7005	211	52T	-3.03	-2.82	-2.90										
		7085	227	26T	-5.93	-6.02	-5.99			7085	227	52T	-3.11	-2.93	-2.93										
40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)												
					RU Index								RU Index												
					53	54	56						61	62	N/A										
					5	5	5965						3	106T	11.25	11.41	11.19	5	5	5965	3	242T	11.06	11.01	
							6165						43	106T	11.27	11.26	11.28			6165	43	242T	10.97	10.99	
							6205						51	106T	11.30	11.39	11.27			6205	51	242T	11.03	11.05	
							6405						91	106T	11.57	11.42	11.39			6405	91	242T	11.61	11.58	
					6	6	6445						99	106T	0.73	0.35	0.38	6	6	6445	99	242T	3.09	3.10	
							6485						107	106T	0.32	0.38	0.38			6485	107	242T	3.06	3.03	
							6525						115	106T	0.31	0.37	0.35			6525	115	242T	3.02	3.04	
							6565						123	106T	11.37	11.33	11.23			6565	123	242T	11.19	11.23	
					7	7	6685						147	106T	11.35	11.40	11.33	7	7	6685	147	242T	11.21	11.20	
6725	155	106T	11.36	11.31			11.31	6725	155	242T	11.18	11.15													
6845	179	106T	11.52	11.46			11.58	6845	179	242T	11.27	11.26													
6885	187	106T	0.33	0.37			0.30	6885	187	242T	3.30	3.27													
8	8	6965	203	106T	0.41	0.46	0.45	8	8	6965	203	242T	3.45	3.48											
		7005	211	106T	0.42	0.43	0.43			7005	211	242T	3.46	3.44											
		7085	227	106T	0.40	0.40	0.41			7085	227	242T	3.49	3.42											

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					65	N/A	N/A	
5	5	5965	3	484T	11.04			
		6165	43	484T	11.07			
		6205	51	484T	11.13			
		6405	91	484T	11.52			
	6	6445	99	484T	6.06			
		6485	107	484T	6.04			
		6525	115	484T	5.98			
		6565	123	484T	11.21			
	7	6685	147	484T	11.26			
		6725	155	484T	11.24			
		6845	179	484T	11.19			
		6885	187	484T	6.37			
8	6965	203	484T	6.48				
	7005	211	484T	6.45				
	7085	227	484T	6.51				
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					37	44	52	
	5	5985	7	52T	10.97	11.01	10.99	
		6145	39	52T	11.06	11.03	11.04	
		6225	55	52T	11.10	11.08	11.09	
		6385	87	52T	11.05	11.06	11.07	
	6	6465	103	52T	-2.91	-2.92	-2.89	
		6545	119	52T	-2.93	-2.95	-2.94	
	7	6705	151	52T	11.12	11.07	11.05	
		6865	183	52T	-2.64	-2.66	-2.63	
		6945	199	52T	-2.58	-2.61	-2.57	
8	7025	215	52T	-2.59	-2.55	-2.60		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					53	56	60	
	5	5985	7	106T	11.13	11.10	11.08	
		6145	39	106T	10.98	11.06	11.05	
		6225	55	106T	11.01	10.96	10.94	
		6385	87	106T	11.48	11.50	11.43	
	6	6465	103	106T	1.37	1.36	1.34	
		6545	119	106T	1.29	1.33	1.30	
	7	6705	151	106T	11.54	11.50	11.51	
		6865	183	106T	0.15	0.12	0.10	
		6945	199	106T	0.57	0.60	0.59	
8	7025	215	106T	0.61	0.57	0.55		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					61	62	64	
	5	5985	7	242T	11.95	11.99	11.97	
		6145	39	242T	12.01	12.02	11.98	
		6225	55	242T	12.05	12.06	12.03	
		6385	87	242T	12.57	12.55	12.56	
	6	6465	103	242T	4.06	4.09	4.05	
		6545	119	242T	4.01	4.08	4.00	
	7	6705	151	242T	12.43	12.41	12.36	
		6865	183	242T	4.27	4.24	4.32	
		6945	199	242T	4.42	4.39	4.53	
8	7025	215	242T	4.45	4.47	4.48		
80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					67	N/A	N/A	
	5	5985	7	996T	11.96			
		6145	39	996T	12.01			
		6225	55	996T	12.07			
		6385	87	996T	12.56			
	6	6465	103	996T	9.93			
		6545	119	996T	10.06			
	7	6705	151	996T	12.58			
		6865	183	996T	10.30			
		6945	199	996T	10.61			
8	7025	215	996T	10.56				
160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index			
					37	44	52	
	5	6025	15	52T	11.95	11.98	11.96	
		6185	47	52T	12.03	12.05	12.03	
		6345	79	52T	11.98	11.99	12.00	
	6	6505	111	52T	-2.10	-2.13	-2.15	
		6665	143	52T	11.92	12.02	11.99	
	7	6825	175	52T	-1.63	-1.59	-1.65	
		6985	207	52T	-1.50	-1.49	-1.51	
	160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
RU Index								
53						56	60	
5		6025	15	106T	11.98	12.01	11.99	
		6185	47	106T	12.06	12.05	12.04	
		6345	79	106T	12.46	12.44	12.45	
6		6505	111	106T	0.29	0.28	0.27	
		6665	143	106T	12.58	12.68	12.67	
7		6825	175	106T	0.83	0.87	0.86	
		6985	207	106T	1.39	1.45	1.40	

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 20 of 21

160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				
					RU Index								RU Index				
					61	62	64						65	66	N/A		
160MHz BW	5	6025	15	242T	11.99	11.95	11.93	160MHz BW	5	6025	15	484T	11.99	12.01			
		6185	47	242T	12.05	12.08	12.01			6185	47	484T	12.03	11.99			
		6345	79	242T	12.45	12.47	12.45			6345	79	484T	12.49	12.43			
	6	6505	111	242T	4.08	4.09	4.05		6	6505	111	484T	7.09	7.08			
		6665	143	242T	12.54	12.58	12.52			6665	143	484T	12.56	12.51			
	7	6825	175	242T	4.25	4.28	4.26		7	6825	175	484T	7.11	7.09			
		6985	207	242T	4.49	4.51	4.49			6985	207	484T	7.56	7.55			
	160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			160MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
						RU Index								RU Index			
						67(L)	N/A							N/A	67(L)	N/A	N/A
		5	6025	15	996T	12.02				160MHz BW	5	6025	15	996Tx2	12.00		
			6185	47	996T	12.00						6185	47	996Tx2	11.99		
6345			79	996T	12.45			6345	79			996Tx2	12.46				
6		6505	111	996T	9.91			6	6505		111	996Tx2	12.26				
		6665	143	996T	12.53				6665		143	996Tx2	12.55				
7		6825	175	996T	9.99			7	6825		175	996Tx2	12.66				
		6985	207	996T	10.49				6985		207	996Tx2	12.16				

FCC ID: BCGA2993	SAR EVALUATION REPORT	Approved by: Technical Manager
DUT Type: Tablet Device		APPENDIX F: Page 21 of 21