

APPENDIX H: IEEE 802.11AX/BE RU SAR EXCLUSION

H.1 IEEE 802.11ax/be RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax/be 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, 52T+26T, 106T, 106T+26T, 242T, 484T, 484T+242T, 996T, 996T+242T, 996T+484T, 996Tx2, 996T*2+484T; 996*3; 996T*3+484T and for WIFI 6E additionally 996Tx4.

Per FCC Guidance, 802.11ax/be 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/be 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 RU Target Powers

H.2.1 2.4 GHz WLAN 802.11ax/be RU WLAN Output Power

The below table is applicable is applicable in the following conditions:

- Pmax, DSI=0 (Laptop)

Mode	Bandwidth		IEEE 802.11ax/be RU (in dBm)											
			SISO/SISO In MIMO Ant R (in dBm)					SISO/SISO in MIMO Ant L (in dBm)						
			26T	52T, 52T+26T	106T, 106T+26T	242T	26T	52T, 52T+26T	106T, 106T+26T	242T				
2.4 GHz WIFI	20 MHz	Maximum	19	19	19	17.5	19	19	19	17.5				
			ch. 1: 18.0 ch. 2: 18.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 18.5 ch. 11: 18.0 ch. 12: -5.5 ch. 13: -9.5	ch. 1: 18.0 ch. 10: 18.5 ch. 11: 18.0 ch. 12: -0.5 ch. 13: -7.0	ch. 1: 16.0 ch. 2: 18.5 ch. 10: 18.5 ch. 11: 17.5 ch. 12: -0.5 ch. 13: -4.5	ch. 1: 12.5 ch. 2: 14.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0 ch. 12: 11.0 ch. 13: -2.0	ch. 1: 18.0 ch. 10: 18.5 ch. 11: 18.0 ch. 12: -0.5 ch. 13: -7.0	ch. 1: 16.0 ch. 2: 18.5 ch. 10: 18.5 ch. 11: 17.5 ch. 12: -0.5 ch. 13: -4.5	ch. 1: 12.5 ch. 2: 14.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0 ch. 12: 11.0 ch. 13: -2.0					
		Nominal	18	18	18	16.5	18	18	18	16.5				
			ch. 1: 17.0 ch. 10: 17.5 ch. 11: 17.0 ch. 12: -6.5 ch. 13: -10.5	ch. 1: 17.0 ch. 10: 17.5 ch. 11: 17.0 ch. 12: -1.5 ch. 13: -8.0	ch. 1: 15.0 ch. 2: 17.5 ch. 10: 17.5 ch. 11: 16.5 ch. 12: -1.5 ch. 13: -5.5	ch. 1: 11.5 ch. 2: 13.5 ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0 ch. 12: 10.0 ch. 13: -3.0	ch. 1: 17.0 ch. 10: 17.5 ch. 11: 17.0 ch. 12: -1.5 ch. 13: -8.0	ch. 1: 15.0 ch. 2: 17.5 ch. 10: 17.5 ch. 11: 16.5 ch. 12: -1.5 ch. 13: -5.5	ch. 1: 11.5 ch. 2: 13.5 ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0 ch. 12: 10.0 ch. 13: -3.0					

Mode	Bandwidth		IEEE 802.11ax RU (in dBm)									
			SISO/SISO In MIMO Ant R (in dBm)					SISO/SISO in MIMO Ant L (in dBm)				
			26T	52T, 52T+26T	106T, 106T+26T	242T	484T	26T	52T, 52T+26T	106T, 106T+26T	242T	484T
2.4 GHz WIFI	40 MHz	Maximum	19	19	19	17.5	15	19	19	19	17.5	15
			ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 17.5	ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0	ch. 3: 11.0 ch. 4: 12.5 ch. 5: 14.0 ch. 7: 12.5 ch. 8: 11.0 ch. 9: 11.0 ch. 10: 11.0 ch. 11: 0.0	ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 17.5	ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0	11.0 12.5 14.0 12.5 11.0 11.0 11.0 0.0
		Nominal	18	18	18	16.5	14	18	18	18	16.5	14
			ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 16.5	ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0	ch. 3: 10.0 ch. 4: 11.5 ch. 5: 13.0 ch. 7: 11.5 ch. 8: 10.0 ch. 9: 10.0 ch. 10: 10.0 ch. 11: -1.0	ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 16.5	ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0	10.0 11.5 13.0 11.5 10.0 10.0 10.0 -1.0

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SAR EVALUATION REPORT

Approved by:
Technical Manager

DUT Type:
Portable Computing Device

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The below table is applicable in the following conditions:

- DSI = 1 (Tablet)

Mode	Bandwidth		IEEE 802.11ax/be RU (in dBm)								
			SISO/SISO in MIMO Ant R (in dBm)				SISO/SISO in MIMO Ant L (in dBm)				
			26T	52T, 52T+26T	106T, 106T +26T	242T	26T	52T, 52T+26T	106T, 106T +26T	242T	
2.4 GHz WIFI	20 MHz	Maximum	19	19	19	17.5	17.5	17.5	17.5	17.5	17.5
			ch. 1: 18.0 ch. 2: 18.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 18.5 ch. 11: 18.0 ch. 12: -5.5 ch. 13: -9.5	ch. 1: 18.0 ch. 10: 18.5 ch. 11: 18.0 ch. 12: -0.5 ch. 13: -7.0	ch. 1: 16.0 ch. 2: 18.5 ch. 10: 18.5 ch. 11: 17.5 ch. 12: -0.5 ch. 13: -4.5	ch. 1: 12.5 ch. 2: 14.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0 ch. 12: 11.0 ch. 13: -2.0			ch. 1: 16.0 ch. 12: -0.5 ch. 13: -4.5	ch. 1: 12.5 ch. 2: 14.5 ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0 ch. 12: 11.0 ch. 13: -2.0	
		Nominal	18	18	18	16.5	16.5	16.5	16.5	16.5	
			ch. 1: 17.0 ch. 10: 17.5 ch. 11: 17.0 ch. 12: -6.5 ch. 13: -10.5	ch. 1: 17.0 ch. 10: 17.5 ch. 11: 17.0 ch. 12: -1.5 ch. 13: -8.0	ch. 1: 15.0 ch. 2: 17.5 ch. 10: 17.5 ch. 11: 16.5 ch. 12: -1.5 ch. 13: -5.5	ch. 1: 11.5 ch. 2: 13.5 ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0 ch. 12: 10.0 ch. 13: -3.0			ch. 1: 15.0 ch. 12: -1.5 ch. 13: -5.5	ch. 1: 11.5 ch. 2: 13.5 ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0 ch. 12: 10.0 ch. 13: -3.0	

Mode	Bandwidth		IEEE 802.11ax RU (in dBm)										
			SISO/SISO in MIMO Ant R (in dBm)				SISO/SISO in MIMO Ant L (in dBm)						
			26T	52T, 52T+26T	106T, 106T +26T	242T	484T	26T	52T, 52T+26T	106T, 106T +26T	242T	484T	
2.4 GHz WIFI	40 MHz	Maximum	19	19	19	17.5	15	17.5	17.5	17.5	17.5	17.5	15
			ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 18.0	ch. 10: 18.5 ch. 11: 17.5	ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0	ch. 3: 11.0 ch. 4: 12.5 ch. 5: 14.0 ch. 7: 12.5 ch. 8: 11.0 ch. 9: 11.0 ch. 10: 11.0 ch. 11: 0.0			ch. 3: 16.0 ch. 9: 15.0 ch. 10: 15.0 ch. 11: 14.0	ch. 3: 11.0 ch. 4: 12.5 ch. 5: 14.0 ch. 7: 12.5 ch. 8: 11.0 ch. 9: 11.0 ch. 10: 11.0 ch. 11: 0.0		
		Nominal	18	18	18	16.5	14	16.5	16.5	16.5	16.5	14	
			ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 17.0	ch. 10: 17.5 ch. 11: 16.5	ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0	ch. 3: 10.0 ch. 4: 11.5 ch. 5: 13.0 ch. 7: 11.5 ch. 8: 10.0 ch. 9: 10.0 ch. 10: 10.0 ch. 11: -1.0			ch. 3: 15.0 ch. 9: 14.0 ch. 10: 14.0 ch. 11: 13.0	ch. 3: 10.0 ch. 4: 11.5 ch. 5: 13.0 ch. 7: 11.5 ch. 8: 10.0 ch. 9: 10.0 ch. 10: 10.0 ch. 11: -1.0		

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DUT Type: Portable Computing Device		APPENDIX H: Page 2 of 4

H.2.2 5 GHz WLAN 802.11ax/be RU WLAN Output Power

The below table is applicable in the following conditions:

Pmax, DSI=0 (Laptop)

Mode		IEEE 802.11ax/be RU (in dBm)															
		SISO / SISO in MIMO								SISO / SISO in MIMO							
		Antenna R								Antenna L							
5 GHz WiFi (20MHz BW)	Maximum	UN1-1	26T	52T, 52T+26T	106T, 106T+26T	242T	484T, 484T+242T	96T, 96T+242T, 96T+484T	996T-2	26T	52T, 52T+26T	106T, 106T+26T	242T	484T, 484T+242T	96T, 96T+242T, 96T+484T	996T-2	
		UN1-2A	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-4	6.0	9.5	12.0	15.5				6.0	9.5	12.0	15.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-4	5.0	8.5	11.0	14.5				5.0	8.5	11.0	14.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
5 GHz WiFi (40MHz BW)	Maximum	UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-4	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-4	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
5 GHz WiFi (80MHz BW)	Maximum	UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-4	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-4	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
5 GHz WiFi (160MHz BW)	Maximum	UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-4	20.5	20.5	20.5	20.5				20.5	20.5	20.5	20.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-4	19.5	19.5	19.5	19.5				19.5	19.5	19.5	19.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				

The below table is applicable in the following conditions:

DSI =1 (Tablet)

Mode		IEEE 802.11ax/be RU (in dBm)															
		SISO / SISO in MIMO								SISO / SISO in MIMO							
		Antenna R								Antenna L							
5 GHz WiFi (20MHz BW)	Maximum	UN1-1	26T	52T, 52T+26T	106T, 106T+26T	242T	484T, 484T+242T	96T, 96T+242T, 96T+484T	996T-2	26T	52T, 52T+26T	106T, 106T+26T	242T	484T, 484T+242T	96T, 96T+242T, 96T+484T	996T-2	
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	15.75	15.75	15.75	15.75				15.75	15.75	15.75	15.75				
		UN1-4	6.0	9.5	12.0	15.5				6.0	9.5	12.0	15.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	14.75	14.75	14.75	14.75				14.75	14.75	14.75	14.75				
		UN1-4	5.0	8.5	11.0	14.5				5.0	8.5	11.0	14.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
5 GHz WiFi (40MHz BW)	Maximum	UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	15.5	15.5	15.5	15.5				15.5	15.5	15.5	15.5				
		UN1-4	15.5	15.5	15.5	15.5				15.5	15.5	15.5	15.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	14.5	14.5	14.5	14.5				14.5	14.5	14.5	14.5				
		UN1-4	14.5	14.5	14.5	14.5				14.5	14.5	14.5	14.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
5 GHz WiFi (80MHz BW)	Maximum	UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				
		UN1-2C	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
		UN1-3	15.5	15.5	15.5	15.5				15.5	15.5	15.5	15.5				
		UN1-4	15.5	15.5	15.5	15.5				15.5	15.5	15.5	15.5				
		UN1-1	9.0	11.5	14.0	17.0				9.0	11.5	14.0	17.0				
	Nominal	UN1-2A	9.0	11.0	14.0	17.0				9.0	11.0	14.0	17.0				
		UN1-2C	8.0	10.5	13.0	16.0				8.0	10.5	13.0	16.0				
		UN1-3	14.5	14.5	14.5	14.5				14.5	14.5	14.5	14.5				
		UN1-4	14.5	14.5	14.5	14.5				14.5	14.5	14.5	14.5				
		UN1-1	10.0	12.5	15.0	18.0				10.0	12.5	15.0	18.0				
		UN1-2A	10.0	12.0	15.0	18.0				10.0	12.0	15.0	18.0				

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DUT Type: Portable Computing Device		APPENDIX H: Page 3 of 4

H.2.3 6 GHz WLAN 802.11ax/be RU WLAN Output Power

The below table is applicable is applicable in the following conditions:

- Pmax, DSI=0 (Laptop)

Mode		IEEE 802.11ax/be RU (in dBm)														
		SISO / SISO in MIMO							SISO / SISO in MIMO							
		Antenna R							Antenna L							
	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4
6 GHz WFI (20MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5				-8.5	-5.5	-3.0	0.5				
	Nominal	-9.5	-6.5	-4.0	-0.5				-9.5	-6.5	-4.0	-0.5				
6 GHz WFI (40MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0			-8.5	-5.5	-3.0	0.5	4.0			
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5		-9.5	-6.5	-4.0	-0.5	3.0	5.5		
6 GHz WFI (80MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0	6.5		-8.5	-5.5	-3.0	0.5	4.0	6.5		
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5	8.5	-9.5	-6.5	-4.0	-0.5	3.0	5.5	8.5	
6 GHz WFI (160MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0	6.5	8.5	-8.5	-5.5	-3.0	0.5	4.0	6.5	8.5	10.5
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	9.5

Mode	Band	IEEE 802.11ax/be RU (in dBm)															
		SISO / SISO in MIMO							SISO / SISO in MIMO								
		Antenna R							Antenna L								
	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	
6 GHz WFI (20MHz BW) - SP	LNI#6	Maximum	9.5	12.0	15.5	19.0	20.0			9.5	12.0	15.5	19.0	20.0			
		Nominal	9.5	12.0	15.5	19.0	20.0			9.5	12.0	15.5	19.0	20.0			
	LNI#7	Maximum	9.5	12.0	15.5	19.0	20.0			9.5	12.0	15.5	19.0	20.0			
		Nominal	8.5	11.0	14.5	18.0	19.0			8.5	11.0	14.5	18.0	19.0			
6 GHz WFI (40MHz BW) - SP	LNI#6	Maximum	9.5	12.0	15.5	19.0	20.0			9.5	12.0	15.5	19.0	20.0			
		Nominal	8.5	11.0	14.5	18.0	19.0			8.5	11.0	14.5	18.0	19.0			
	LNI#7	Maximum	9.5	12.0	15.5	19.0	20.0			9.5	12.0	15.5	19.0	20.0			
		Nominal	8.5	11.0	14.5	18.0	19.0			8.5	11.0	14.5	18.0	19.0			
6 GHz WFI (80MHz BW) - SP	LNI#6	Maximum	9.5	12.0	15.5	19.0	20.0	18.0		9.5	12.0	15.5	19.0	20.0	18.0		
		Nominal	8.5	11.0	14.5	18.0	19.0	17.0		8.5	11.0	14.5	18.0	19.0	17.0		
	LNI#7	Maximum	9.5	12.0	15.5	19.0	20.0	18.0		9.5	12.0	15.5	19.0	20.0	18.0		
		Nominal	8.5	11.0	14.5	18.0	19.0	17.0		8.5	11.0	14.5	18.0	19.0	17.0		
6 GHz WFI (160MHz BW) - SP	LNI#6	Maximum	9.5	12.0	15.5	19.0	20.0	18.0	18.0	9.5	12.0	15.5	19.0	20.0	18.0	18.0	18.0
		Nominal	8.5	11.0	14.5	18.0	19.0	17.0	17.0	8.5	11.0	14.5	18.0	19.0	17.0	17.0	17.0
	LNI#7	Maximum	9.5	12.0	15.5	19.0	20.0	18.0	18.0	9.5	12.0	15.5	19.0	20.0	18.0	18.0	18.0
		Nominal	8.5	11.0	14.5	18.0	19.0	17.0	17.0	8.5	11.0	14.5	18.0	19.0	17.0	17.0	17.0

The below table is applicable is applicable in the following conditions:

- DSI =1 (Tablet)

Mode		IEEE 802.11ax/be RU (in dBm)														
		SISO / SISO in MIMO							SISO / SISO in MIMO							
		Antenna R							Antenna L							
	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4
6 GHz WFI (20MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5				-8.5	-5.5	-3.0	0.5				
	Nominal	-9.5	-6.5	-4.0	-0.5				-9.5	-6.5	-4.0	-0.5				
6 GHz WFI (40MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0			-8.5	-5.5	-3.0	0.5	4.0			
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5		-9.5	-6.5	-4.0	-0.5	3.0	5.5		
6 GHz WFI (80MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0	6.5		-8.5	-5.5	-3.0	0.5	4.0	6.5		
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	-9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	
6 GHz WFI (160MHz BW)	Maximum	-8.5	-5.5	-3.0	0.5	4.0	6.5	8.5	-8.5	-5.5	-3.0	0.5	4.0	6.5	8.5	10.5
	Nominal	-9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	9.5	-6.5	-4.0	-0.5	3.0	5.5	7.5	9.5

Mode	Band	IEEE 802.11ax/be RU (in dBm)															
		SISO / SISO in MIMO							SISO / SISO in MIMO								
		Antenna R							Antenna L								
	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	26T	52T 52T+26T	106T 106T+26T	242T	484T 484T+242T	996T 996T+242T,996T+484T	996T*2, 996T*2+484T 996T*3, 996T*3+484T	996T*4	
6 GHz WFI (20MHz BW) - SP	LNI#6	Maximum	9.5	12.0	14.25	14.25				9.5	12.0	14.0	14.0				
		Nominal	8.5	11.0	13.25	13.25				8.5	11.0	13.0	13.0				
	LNI#7	Maximum	9.5	12.0	15.25	15.25				9.5	12.0	14.75	14.75				
		Nominal	8.5	11.0	13.25	13.25				8.5	11.0	13.0	13.0				
6 GHz WFI (40MHz BW) - SP	LNI#6	Maximum	9.5	12.0	14.25	14.25				9.5	12.0	14.00	14.00				
		Nominal	8.5	11.0	13.25	13.25				8.5	11.0	13.00	13.00				
	LNI#7	Maximum	9.5	12.0	14.25	14.25	14.25			9.5	12.0	14.00	14.00	14.00			
		Nominal	8.5	11.0	13.25	13.25	13.25			8.5	11.0	13.00	13.00	13.00			
6 GHz WFI (80MHz BW) - SP	LNI#6	Maximum	9.5	12.0	14.25	14.25	14.25	14.25		9.5	12.0	14.00	14.00	14.00	14.00		
		Nominal	8.5	11.0	13.25	13.25	13.25	13.25		8.5	11.0	13.00	13.00	13.00	13.00		
	LNI#7	Maximum	9.5	12.0	14.25	14.25	14.25	14.25	14.25	9.5	12.0	14.00	14.00	14.00	14.00	14.00	
		Nominal	8.5	11.0	13.25	13.25	13.25	13.25	13.25	8.5	11.0	13.00	13.00	13.00	13.00	13.00	
6 GHz WFI (160MHz BW) - SP	LNI#6	Maximum	9.5	12.0	14.25	14.25	14.25	14.25	14.25	9.5	12.0	14.00	14.00	14.00	14.00	14.00	14.00
		Nominal	8.5	11.0	13.25	13.25	13.25	13.25	13.25	8.5	11.0	13.00	13.00	13.00	13.00	13.00	13.00
	LNI#7	Maximum	9.5	12.0	14.25	14.25	14.25	14.25	14.25	9.5	12.0	14.00	14.00	14.00	14.00	14.00	14.00
		Nominal	8.5	11.0	13.25	13.25	13.25	13.25	13.25	8.5	11.0	13.00	13.00	13.00	13.00	13.00	13.00

FCC ID: C3K2085

SAR EVALUATION REPORT

Approved by:

Technical Manager

DUT Type:
Portable Computing Device

APPENDIX H:
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