

APPENDIX I: RU SAR EXCLUSION

I.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. Please refer 1M2505130050-10, for IEEE 802.11ax RU powers.

I.2 IEEE 802.11ax RU Target Powers

I.2.1 2.4 GHz WLAN 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	12	14	15	15	12	14	15	15	12	14	15	15
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	11	13	14	14	11	13	14	14	11	13	14	14
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

The table below is applicable in the following conditions:

- Grip Sensor Active

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	12	12	12	12	12	12	12	12	12	12	12	12
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	11	11	11	11	11	11	11	11	11	11	11	11
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

The table below is applicable in the following conditions:

- Simultaneous conditions with 5/6 GHz WLAN and/or 5G FR1

Mode		IEEE 802.11ax RU (in dBm)											
		Antenna WiFi 0 (in dBm)				Antenna WiFi 1 (in dBm)				Antenna WiFi 0 & Antenna WiFi 1 in MIMO (in dBm)			
		26T	52T	106T	242T	26T	52T	106T	242T	26T	52T	106T	242T
2.4 GHz WiFi	Maximum	9	9	9	9	9	9	9	9	9	9	9	9
		ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0	ch. 12: 3.0 ch. 13: 0.0
	Nominal	8	8	8	8	8	8	8	8	8	8	8	8
		ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0	ch. 12: 2.0 ch. 13: -1.0

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I.2.2 5 GHz WLAN 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode		IEEE 802.11ax RU (in dBm)													
		SISO							SISO						
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)						
		2ET	52T	10ET	242T	484T	996T	996T'2	2ET	52T	10ET	242T	484T	996T	996T'2
5 GHz WFI (20MHz BW)	Maximum	6.0	6.0	6.0	11.0				6.0	6.0	6.0	11.0			
	Nominal	5.0	5.0	5.0	10.0				5.0	5.0	5.0	10.0			
5 GHz WFI (40MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0			6.0	6.0	6.0	11.0	11.0		
	Nominal	5.0	5.0	5.0	10.0	10.0			5.0	5.0	5.0	10.0	10.0		
5 GHz WFI (80MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0	11.0		6.0	6.0	6.0	11.0	11.0	11.0	
	Nominal	5.0	5.0	5.0	10.0	10.0	10.0		5.0	5.0	5.0	10.0	10.0	10.0	
5 GHz WFI (160MHz BW)	Maximum	6.0	6.0	6.0	11.0	11.0	11.0	11.0	6.0	6.0	6.0	11.0	11.0	11.0	11.0
	Nominal	5.0	5.0	5.0	10.0	10.0	10.0	10.0	5.0	5.0	5.0	10.0	10.0	10.0	10.0

The table below is applicable in the following conditions:

- Grip Sensor Active

Mode		IEEE 802.11ax RU (in dBm)													
		SISO							SISO						
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)						
		2ET	52T	10ET	242T	484T	996T	996T'2	2ET	52T	10ET	242T	484T	996T	996T'2
5 GHz WFI (20MHz BW)	Maximum	6.0	6.0	6.0	6.0				6.0	6.0	6.0	6.0			
	Nominal	5.0	5.0	5.0	7.0				5.0	5.0	5.0	7.0			
5 GHz WFI (40MHz BW)	Maximum	6.0	6.0	6.0	6.0	6.0			6.0	6.0	6.0	6.0	6.0		
	Nominal	5.0	5.0	5.0	7.0	7.0			5.0	5.0	5.0	7.0	7.0		
5 GHz WFI (80MHz BW)	Maximum	6.0	6.0	6.0	6.0	6.0	6.0		6.0	6.0	6.0	6.0	6.0	6.0	
	Nominal	5.0	5.0	5.0	7.0	7.0	7.0		5.0	5.0	5.0	7.0	7.0	7.0	
5 GHz WFI (160MHz BW)	Maximum	6.0	6.0	6.0	7.0	7.0	7.0	7.0	6.0	6.0	6.0	7.0	7.0	7.0	7.0
	Nominal	5.0	5.0	5.0	7.0	7.0	7.0	7.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0

The table below is applicable in the following conditions:

- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

Mode		IEEE 802.11ax RU (in dBm)													
		SISO							SISO						
		Antenna WFI 0 (in dBm)							Antenna WFI 1 (in dBm)						
		2ET	52T	10ET	242T	484T	996T	996T'2	2ET	52T	10ET	242T	484T	996T	996T'2
5 GHz WFI (20MHz BW)	Maximum	5.0	5.0	5.0	5.0				5.0	5.0	5.0	5.0			
	Nominal	4.0	4.0	4.0	4.0				4.0	4.0	4.0	4.0			
5 GHz WFI (40MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0			5.0	5.0	5.0	5.0	5.0		
	Nominal	4.0	4.0	4.0	4.0	4.0			4.0	4.0	4.0	4.0	4.0		
5 GHz WFI (80MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	
	Nominal	4.0	4.0	4.0	4.0	4.0	4.0		4.0	4.0	4.0	4.0	4.0	4.0	
5 GHz WFI (160MHz BW)	Maximum	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	Nominal	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0

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I.2.3 6 GHz WLAN Maximum 802.11ax RU WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode	Band	IEEE 802.11ax RU (in dBm)												Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)							
		SSB						SSB						Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)							
		Antenna WPT 0 (in dBm)				Antenna WPT 1 (in dBm)		Antenna WPT 0 (in dBm)				Antenna WPT 1 (in dBm)		Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)				Antenna WPT 0 & Antenna WPT 1 in MIMO (in dBm)			
20T	52T	100T	242T	484T	966T	966T'2	20T	52T	100T	242T	484T	966T	966T'2	20T	52T	100T	242T	484T	966T	966T'2	
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				
	UE10	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				
	UE10	2.5	7.0	9.0	11.0			2.5	7.0	9.0	11.0			2.5	7.0	9.0	11.0				
	UE10	2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0			2.5	5.0	8.0	11.0				
	UE10	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				
	UE10	1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0			1.5	4.0	7.0	10.0				
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5			
	UE10	2.5	5.0	8.0	11.0	13.5		2.5	5.0	8.0	11.0	13.5		2.5	5.0	8.0	11.0	13.5			
	UE10	2.5	7.0	9.0	11.0	13.5		2.5	7.0	9.0	11.0	13.5		2.5	7.0	9.0	11.0	13.5			
	UE10	2.5	5.0	8.0	11.0	13.5		2.5	5.0	8.0	11.0	13.5		2.5	5.0	8.0	11.0	13.5			
	UE10	1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5			
	UE10	1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5		1.5	4.0	7.0	10.0	12.5			
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0		2.5	5.0	8.0	11.0	13.5	14.0		2.5	5.0	8.0	11.0	13.5	14.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0		2.5	7.0	9.0	11.0	13.5	14.0		2.5	7.0	9.0	11.0	13.5	14.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0		2.5	5.0	8.0	11.0	13.5	14.0		2.5	5.0	8.0	11.0	13.5	14.0
	UE10	1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0
	UE10	1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0		1.5	4.0	7.0	10.0	12.5	14.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	5.0	8.0	11.0	13.5	14.0	15.0
	UE10	2.5	7.0	9.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.5	7.0	9.0	11.0	13.5	14.0	15.0
5 GHz WPT (30MHz BW) - LP	UE10	1.5	4.0	7.0	10.0	12.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	1.5	4.0	7.0	10.0	12.5	14.0	15.0
	UE10	2.5	5.0	8.0	11.0	13.5	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	2.						

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The table below is applicable in the following conditions:

- Grip Sensor Active
- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

Mode	Band		IEEE 802.11ax (SU) (in dBm)															
			SSB								SSB							
			Antenna WPT 0 (in dBm)								Antenna WPT 1 (in dBm)							
			20T	52T	100T	240T	404T	506T	506T*2	20T	52T	100T	240T	404T	506T	506T*2		
E-UTRA WPT (200MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (400MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (800MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (1600MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
Mode	Band		SSB								SSB							
		Antenna WPT 0 (in dBm)								Antenna WPT 1 (in dBm)								
		20T	52T	100T	240T	404T	506T	506T*2	20T	52T	100T	240T	404T	506T	506T*2			
E-UTRA WPT (200MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (400MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (800MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
E-UTRA WPT (1600MHz BW) - LTP	Maximum	UE0-0	-15	-4.5	7.5	7.5					-15	-4.5	7.5	7.5				
		UE0-1	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-2	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-3	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-4	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
		UE0-5	-25	-5.0	7.5	7.5					-25	-5.0	7.5	7.5				
	Normal	UE0-6	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-7	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-8	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-9	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-10	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				
		UE0-11	-15	-4.0	5.0	5.0					-15	-4.0	5.0	5.0				

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RF EXPOSURE PART 1 TEST REPORT

Approved by:
Technical Manager

DUT Type:
Portable Computing Device

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