

Grip Sensor Power Verification

This device has two proximity sensors to reduce the output power. The table below shows the positions(surfaces) where the antenna and sensor are activated.

Bands	Antenna	Sensor	Positions (Surfaces)			
			Back	Top	Left	Right
WiFi 2.4GHz	SISO1	Grip #1	On	On	On	
WiFi 2.4GHz	SISO2	Grip #3	On	On		On
WiFi 5GHz	SISO1	Grip #1	On	On	On	
WiFi 5GHz	SISO2	Grip #3	On	On		On
WiFi 6GHz	SISO1	Grip #1	On	On	On	
WiFi 6GHz	SISO2	Grip #3	On	On		On
BT	SISO1	Grip #1	On	On	On	
BT	SISO2	Grip #3	On	On		On

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

	KDB 616217 D04 6.2.f															
distance [mm]	21 mm	22 mm	23 mm	24 mm	25 mm	26 mm	27 mm	28 mm	29 mm	30 mm	31 mm	32 mm	33 mm	36 mm	39 mm	
WiFi2.4GHz 802.11a 1Mbps SISO1	10.1	9.9	10.0	9.9	10.1	10.1	10.1	10.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1	5.9	5.8	5.9	5.8	5.9	5.9	5.9	5.9	17.0	17.1	17.2	17.2	17.1	17.0	17.1	
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1	6.1	6.1	6.0	6.1	6.2	6.1	6.0	6.1	17.1	16.8	17.1	16.9	16.9	16.9	17.0	
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1	5.8	5.9	5.9	5.8	5.7	5.9	5.7	5.8	14.2	14.3	14.1	14.2	14.3	14.3	14.1	
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1	5.8	5.7	5.9	5.9	5.7	5.7	5.8	5.7	17.3	17.3	17.1	17.2	17.1	17.1	17.2	
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1	6.2	6.2	6.3	6.2	6.3	6.3	6.3	6.3	14.8	14.7	14.9	14.8	14.8	14.8	14.7	
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1	6.0	6.0	5.9	5.9	5.7	5.7	5.9	5.9	15.0	15.0	14.9	14.9	15.0	15.0	14.8	
WiFi5GHz 802.11ac VHT80 UNII 3 SISO1	5.9	6.1	6.0	5.9	6.1	6.0	5.9	5.9	14.2	14.1	14.2	14.1	14.2	14.2	14.1	
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1	5.9	6.0	5.8	6.0	5.9	5.8	5.9	5.8	14.9	14.9	15.0	14.9	15.0	14.9	15.0	
WiFi 6GHz 802.11ax HE160 UNIS5/6/7/8 SISO1	5.8	5.9	5.7	5.9	5.7	5.9	5.8	5.7	9.0	9.1	9.2	9.2	9.2	9.2	9.1	
Bluetooth BDR 1Mbps SISO1	5.0	5.0	5.0	5.1	5.0	4.9	5.1	5.1	16.0	16.1	16.1	15.9	15.9	16.1	16.0	

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

	KDB 616217 D04 6.2.f															
distance [mm]	21 mm	22 mm	23 mm	24 mm	25 mm	26 mm	27 mm	28 mm	29 mm	30 mm	31 mm	32 mm	33 mm	36 mm	39 mm	
WiFi2.4GHz 802.11g 1Mbps SISO1	10.0	9.9	10.1	10.0	10.1	9.9	10.1	10.1	15.2	15.0	15.0	15.1	15.0	15.1	15.2	
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1	5.9	5.7	5.9	5.9	5.8	5.9	5.9	5.7	17.2	17.2	17.2	16.9	17.0	16.9	16.9	
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1	6.0	6.1	6.0	6.1	6.0	6.0	6.0	6.0	16.9	16.8	17.0	17.0	17.0	16.9	17.1	
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1	5.9	5.9	5.8	5.9	5.8	5.8	5.7	5.9	14.3	14.3	14.2	14.3	14.1	14.1	14.2	
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1	5.7	5.8	5.9	5.9	5.9	5.8	5.8	5.8	17.2	17.1	17.4	17.1	17.2	17.2	17.3	
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1	6.1	6.2	6.3	6.1	6.1	6.1	6.2	6.1	14.7	14.8	14.9	14.7	14.9	14.9	14.8	
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1	5.7	5.8	5.9	5.7	5.7	5.9	5.7	5.6	15.0	15.0	15.1	14.9	15.1	14.8	14.8	
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1	6.1	6.0	5.9	6.1	6.1	6.1	6.0	6.0	14.2	14.1	14.1	14.2	14.1	14.2	14.1	
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1	6.0	5.7	5.9	6.0	5.9	6.0	5.9	5.9	14.7	14.9	14.8	14.9	14.8	14.9	14.7	
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO1	5.7	5.7	5.8	5.9	5.8	5.7	5.9	5.8	9.1	9.1	9.2	9.0	9.3	9.2	9.2	
Bluetooth BDR 1Mbps SISO1	5.0	5.0	5.2	5.1	4.9	5.2	5.1	5.2	15.9	16.0	15.9	16.1	15.9	16.0	16.0	

	KDB 616217 D04 -15									
tilt angle [°]	-45	-35	-25	-15	-5	5	15	25	35	45
WiFi2.4GHz 802.11g 1Mbps SISO1	10.2	9.9	10.1	9.9	9.9	10.1	9.9	10.0	9.9	9.9
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1	5.8	5.9	5.9	5.9	5.7	5.7	5.7	5.9	5.8	5.7
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1	6.0	6.2	6.1	6.2	6.2	6.0	6.2	6.1	6.2	5.9
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1	6.0	6.0	5.8	5.9	6.0	5.7	5.9	5.8	5.8	6.0
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1	5.9	5.7	5.9	5.7	5.7	5.7	5.7	5.9	6.0	5.8
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1	6.2	6.1	6.1	6.3	6.2	6.3	6.3	6.1	6.3	6.3
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1	5.8	6.0	5.9	5.9	5.8	5.8	6.0	5.7	5.9	6.0
WiFi5GHz 802.11ac VHT80 UNII 3 SISO1	5.9	6.0	6.0	6.0	6.0	5.9	6.0	5.9	5.9	5.9
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1	5.9	5.7	6.0	5.8	6.0	5.8	5.9	5.8	5.9	5.8
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO1	5.8	5.8	5.8	5.9	5.8	5.9	5.7	5.8	5.9	5.8
Bluetooth BDR 1Mbps SISO1	5.0	5.2	5.0	5.1	5.1	5.1	5.1	5.1	5.1	4.9

1.3 Grip #1 Left

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

		KDB 616217 D04 6.2.b-g																									
distance [mm]		36 mm	33 mm	30 mm	27 mm	24 mm	21 mm	18 mm	15 mm	20 mm	19 mm	18 mm	17 mm	16 mm	15 mm	14 mm	13 mm	12 mm	11 mm	8 mm	5 mm	2 mm	0 mm	0 mm	0 mm	0 mm	
WiFi2.4GHz 802.11g 1Mbps SISO1		15.0	15.0	15.2	15.0	15.1	15.3	15.2	10.1	15.3	15.1	15.2	15.2	15.1	10.0	10.0	10.2	9.9	9.9	9.9	10.1	10.0	10.1	10.1	9.9	10.0	
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1		17.1	17.0	17.0	17.2	17.0	17.0	16.9	5.9	17.2	17.1	17.2	17.0	17.0	5.9	5.9	5.8	5.7	5.8	5.7	5.9	5.8	5.7	5.9	5.7	5.9	
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1		17.1	17.0	16.9	17.0	17.0	16.9	17.1	6.2	17.1	16.9	16.9	17.0	17.0	6.0	6.2	6.0	6.2	6.0	6.2	6.0	6.1	6.1	6.2	6.0	6.2	
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1		14.2	14.2	14.3	14.3	14.3	14.3	14.1	5.9	14.1	14.3	14.3	14.3	14.3	5.8	5.8	5.9	5.9	6.0	6.0	6.0	5.9	5.8	5.9	6.0	5.9	
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1		17.1	17.2	17.1	17.2	17.1	17.2	5.7	17.2	17.3	17.3	17.1	17.3	17.3	5.9	5.8	5.7	5.8	5.9	5.7	5.9	5.9	5.7	5.7	5.9	5.7	
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1		14.7	14.7	14.8	14.8	14.9	14.7	14.7	6.2	14.7	14.9	14.7	14.8	14.7	6.3	6.2	6.3	6.1	6.1	6.3	6.3	6.2	6.3	6.2	6.2	6.3	
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1		15.0	15.1	14.9	15.0	14.9	15.1	14.9	5.9	15.0	14.8	15.1	14.9	15.1	5.9	5.9	5.7	5.9	5.9	5.8	5.9	5.7	5.9	5.7	5.9	6.0	
WiFi5GHz 802.11ac VHT80 UNII 3 SISO1		14.0	14.2	14.2	14.0	14.1	14.2	14.3	6.1	14.2	14.0	14.2	14.3	14.3	6.0	6.0	6.0	5.9	5.8	6.0	5.8	6.0	6.0	5.9	6.1	6.1	
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1		14.8	14.8	14.8	14.7	14.9	14.8	14.8	5.8	14.9	14.8	14.9	15.0	14.7	5.8	5.7	5.8	5.9	5.9	5.9	5.8	5.8	5.9	5.7	5.8	6.0	
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO1		9.1	9.1	9.1	9.1	9.2	9.2	9.0	5.8	9.2	9.0	9.2	9.0	9.1	5.7	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.9	5.9	5.8	
Bluetooth BDR 1Mbps SISO1		15.8	15.9	15.9	15.9	16.1	16.0	15.9	5.2	15.9	16.0	15.9	16.0	15.9	5.0	4.9	5.1	5.1	5.2	5.1	5.0	5.2	4.9	5.0	4.9	4.9	

		KDB 616217 D04 6.2.f															
distance [mm]		11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm	19 mm	20 mm	21 mm	24 mm	27 mm			
WiFi2.4GHz 802.11g 1Mbps SISO1		10.1	9.9	10.1	10.0	10.0	9.9	15.3	15.1	15.1	15.1	15.2	15.3	15.2			
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1		5.7	5.7	5.9	5.8	5.8	5.7	16.9	17.1	17.2	17.1	17.1	17.1	17.2			
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1		6.0	6.1	6.2	6.2	6.1	6.2	17.0	17.0	17.1	17.0	17.1	16.9	16.8			
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1		5.8	5.7	5.9	5.7	5.7	5.9	14.1	14.2	14.3	14.1	14.1	14.3	14.1			
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1		5.9	5.7	6.0	5.9	5.8	6.0	17.2	17.2	17.2	17.2	17.3	17.1	17.2			
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1		6.3	6.1	6.1	6.2	6.3	6.3	14.7	14.8	14.7	14.7	14.8	14.9	14.8			
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1		5.7	5.9	5.9	6.0	5.8	5.9	14.8	15.0	14.9	14.9	15.0	15.0	14.9			
WiFi5GHz 802.11ac VHT80 UNII 3 SISO1		6.1	6.0	6.1	5.9	5.9	5.9	14.1	14.3	14.2	14.2	14.2	14.2	14.1			
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1		5.7	6.0	6.0	5.9	5.9	5.7	14.8	14.7	14.8	14.9	15.0	15.0	14.9			
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO1		5.7	5.9	5.8	5.8	5.9	5.8	9.2	9.1	9.0	9.2	9.1	9.2	9.1			
Bluetooth BDR 1Mbps SISO1		5.1	5.0	4.9	5.1	5.1	4.9	16.1	15.9	16.0	16.0	16.0	15.9	15.9			

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.4 – Tested @15mm

		KDB 616217 D04 6.4									
tilt angle [°]		-45	-35	-25	-15	-5	5	15	25	35	45
WiFi2.4GHz 802.11g 1Mbps SISO1		9.9	10.0	10.0	10.1	10.1	10.1	10.0	10.0	10.1	9.9
WiFi5GHz 802.11a 6Mbps UNII 2A SISO1		5.9	5.8	5.7	5.9	5.8	5.8	5.9	5.7	5.8	5.7
WiFi5GHz 802.11a 6Mbps UNII 2C SISO1		6.0	6.0	6.1	6.1	6.0	6.2	6.0	6.0	6.2	6.1
WiFi5GHz 802.11a 6Mbps UNII 3 SISO1		5.7	5.9	6.0	5.7	5.9	5.7	5.7	5.7	5.8	5.9
WiFi5GHz 802.11a 6Mbps UNII 4 SISO1		5.9	5.9	5.8	5.8	5.8	5.9	5.9	5.7	5.8	5.9
WiFi5GHz 802.11ac VHT80 UNII 2A SISO1		6.3	6.3	6.3	6.3	6.2	6.3	6.3	6.2	6.2	6.2
WiFi5GHz 802.11ac VHT80 UNII 2C SISO1		5.8	5.8	5.8	5.7	5.8	5.8	5.7	6.0	5.8	5.7
WiFi5GHz 802.11ac VHT80 UNII 3 SISO1		6.1	6.0	6.0	6.0	6.1	5.9	5.8	6.1	5.9	6.0
WiFi5GHz 802.11ac VHT80 UNII 4 SISO1		5.9	6.0	5.9	6.0	5.8	5.9	6.0	5.8	5.9	6.0
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO1		5.7	5.8	5.7	5.7	5.8	5.7	5.9	5.8	5.9	5.7
Bluetooth BDR 1Mbps SISO1		4.9	5.0	5.0	5.1	5.0	5.0	4.9	5.0	4.9	4.9

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

KDB 616217 D04 6.2 f																
distance [mm]	21 mm	22 mm	23 mm	24 mm	25 mm	26 mm	27 mm	28 mm	29 mm	30 mm	31 mm	32 mm	35 mm	38 mm		
WiFi2.4GHz 802.11g 1Mbps SISO2	10.2	10.0	10.2	10.2	10.2	10.1	10.0	15.2	15.0	15.2	15.2	15.2	15.2	15.2		
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	6.0	5.8	5.8	5.9	5.8	5.9	5.9	16.9	16.8	16.8	17.0	16.8	16.8	17.0		
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	6.0	6.1	6.1	6.0	6.0	5.9	5.8	16.8	16.9	16.9	16.8	17.0	17.0	17.0		
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	6.0	5.7	5.7	6.0	6.0	5.7	5.7	14.1	14.2	14.2	14.2	14.3	14.1	14.2		
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	5.8	5.8	5.8	5.9	5.9	5.9	5.9	17.2	17.1	17.0	17.2	17.0	17.2	17.1		
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	6.2	6.1	6.1	6.2	6.2	6.0	6.1	14.9	15.0	14.8	14.9	15.0	15.0	14.8		
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	6.1	6.0	6.0	6.0	6.0	6.0	5.9	15.0	15.0	15.1	15.1	15.1	15.1	15.0		
WiFi5GHz 802.11ac VHT80 UNII 3 SISO2	6.1	6.1	6.1	6.2	6.2	6.3	6.0	14.1	14.2	14.3	14.2	14.1	14.0	14.0		
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	6.3	6.3	6.0	6.2	6.0	6.0	6.0	15.0	15.0	14.2	15.2	15.0	15.1	15.0		
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO2	6.0	5.8	5.9	6.0	6.0	6.0	6.1	9.2	9.1	9.1	9.0	9.3	9.3	9.0		
Bluetooth BDR 1Mbps SISO2	5.1	4.9	5.1	4.9	5.0	5.0	5.2	16.3	16.3	16.1	16.3	16.2	16.1	16.1		

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

KDB 616217 D04 6.2 f																
distance [mm]	21 mm	22 mm	23 mm	24 mm	25 mm	26 mm	27 mm	28 mm	29 mm	30 mm	31 mm	32 mm	35 mm	38 mm		
WiFi2.4GHz 802.11g 1Mbps SISO2	10.2	10.2	10.2	10.1	10.3	10.2	10.0	15.0	15.0	15.1	15.2	15.0	15.0	15.0		
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	6.0	6.0	5.8	5.7	5.7	5.8	6.0	16.9	16.9	16.7	16.9	16.8	16.9	17.0		
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	5.9	6.1	6.0	6.0	6.0	5.9	5.9	16.8	16.9	16.8	16.9	16.9	16.8	16.9		
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	5.9	5.8	5.8	5.7	5.9	6.0	5.9	14.1	14.2	14.3	14.1	14.1	14.2	14.2		
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	5.9	6.0	5.8	5.8	6.0	6.0	6.0	17.2	17.0	17.2	17.0	17.1	17.2	17.0		
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	6.1	6.1	6.2	6.3	6.0	6.0	6.3	15.0	14.9	14.8	15.0	15.0	14.9	14.9		
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	5.8	6.0	6.0	5.9	5.9	6.0	5.9	15.2	15.2	15.1	15.0	15.0	15.2	15.1		
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	6.1	6.1	6.2	6.2	6.1	6.3	6.1	14.3	14.3	14.2	14.2	14.2	14.2	14.2		
WiFi5GHz 802.11ac VHT160 UNII 4 SISO2	6.2	6.0	6.2	6.1	6.2	6.0	6.0	15.2	15.0	15.1	15.0	15.0	15.2	15.2		
WiFi 6GHz 802.11ax HE 160 UNIS/6/7/8 SISO2	6.0	6.1	5.9	5.9	6.1	6.1	5.9	9.2	9.3	9.2	9.2	9.3	9.1	9.1		
Bluetooth HBR 1Mbps SISO2	5.0	5.0	5.0	5.1	4.9	5.1	5.1	16.3	16.2	16.2	16.2	16.3	16.1	16.1		

KDB 616217 D04 6.1												
tilt angle [°]	-45	-35	-25	-15	-5	5	15	25	35	45		
WiFi2.4GHz 802.11g 1Mbps SISO2	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.1	10.0	10.0		
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	5.9	5.7	5.9	6.0	5.8	5.9	5.8	5.9	5.8	5.8		
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	6.1	6.1	5.9	6.0	5.9	6.1	5.9	6.0	5.9	6.0		
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	5.9	6.0	5.8	6.0	6.0	5.9	5.8	5.7	5.9	5.9		
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	5.9	5.9	5.8	5.8	5.9	5.9	5.8	5.9	5.8	5.8		
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	6.2	6.2	6.1	6.0	6.2	6.3	6.1	6.2	6.1	6.0		
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	6.1	5.8	6.0	6.0	6.0	5.8	6.0	5.9	6.0	5.9		
WiFi5GHz 802.11ac VHT80 UNII 3 SISO2	6.1	5.8	6.1	6.3	6.0	6.2	6.3	6.0	6.0	6.2		
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	6.0	6.1	6.0	6.2	6.2	6.3	6.1	6.1	6.1	6.0		
WiFi 6GHz 802.11ax HE160 UNIS5/6/7/8 SISO2	6.1	6.0	6.1	6.1	5.9	5.9	6.1	6.1	6.0	6.0		
Bluetooth BDR 1Mbps SISO2	8.9	9.0	8.9	9.0	9.1	8.9	9.1	9.0	9.0	9.1		

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.4 – Tested @25mm

2.3 Grip #3 Right

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.2

KDB 616217 D04 6.2.b-g																							
distance [mm]	36 mm	33 mm	30 mm	27 mm	24 mm	21 mm	18 mm	15 mm	12 mm	20 mm	19 mm	18 mm	17 mm	16 mm	15 mm	14 mm	13 mm	12 mm	11 mm	8 mm	5 mm	2 mm	0 mm
WiFi2.4GHz 802.11g 1Mbps SISO2	15.0	15.2	15.1	15.1	15.2	15.2	15.1	10.2	15.0	15.2	15.0	15.0	15.2	10.3	10.0	10.2	10.1	10.1	10.3	10.3	10.0	10.1	
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	16.7	16.9	16.9	16.8	16.7	16.8	17.0	6.0	16.8	16.9	16.8	16.9	16.9	6.0	5.9	5.8	5.7	5.7	5.8	5.8	5.9	6.0	
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	16.8	17.0	17.0	17.0	17.0	16.8	17.0	6.1	16.8	16.9	16.9	16.8	16.9	6.1	6.1	5.8	5.9	5.9	5.8	5.9	5.9	6.0	
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	14.0	14.0	14.1	14.2	14.1	14.0	14.1	5.8	14.1	14.0	14.0	14.1	14.1	5.9	6.0	5.7	5.8	5.8	5.9	5.7	5.7	5.8	
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	17.2	17.0	17.1	17.1	17.0	17.0	17.2	5.7	17.1	17.0	17.1	17.1	17.1	5.9	5.8	5.9	5.9	5.7	5.7	5.8	5.8	5.9	
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	14.9	14.8	15.0	14.9	14.9	14.9	14.8	6.1	14.9	15.0	14.8	14.9	14.9	6.2	6.2	6.1	6.0	6.1	6.0	6.1	6.2	6.2	
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	15.0	15.2	15.1	15.2	15.1	15.1	15.1	5.8	15.1	15.0	15.1	15.1	15.0	6.0	6.0	5.9	6.1	5.8	6.1	6.0	5.8	5.9	
WiFi5GHz 802.11ac VHT80 UNII 3 SISO2	14.2	14.1	14.0	14.2	14.2	14.0	14.0	6.1	14.1	14.1	14.1	14.1	14.2	6.2	6.2	6.0	6.0	6.2	6.2	6.0	6.2	6.0	
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	15.2	15.2	14.9	15.1	15.1	15.0	14.9	6.1	14.9	15.2	15.1	15.0	14.9	6.1	6.0	6.1	6.1	6.2	6.2	6.1	6.1	6.2	
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO2	9.3	9.1	9.3	9.0	9.0	9.2	9.3	6.0	9.3	9.1	9.2	9.2	9.2	6.1	6.0	6.0	6.1	5.9	5.8	6.0	6.1	6.0	
Bluetooth BDR 1Mbps SISO2	16.1	16.2	16.2	16.1	16.3	16.2	16.2	5.1	16.1	16.2	16.3	16.2	16.3	4.9	4.9	4.9	5.2	5.2	4.9	5.0	5.1	5.0	

KDB 616217 D04 6.2.f													
distance [mm]	11 mm	12 mm	13 mm	14 mm	15 mm	16 mm	17 mm	18 mm	19 mm	20 mm	21 mm	24 mm	27 mm
WiFi2.4GHz 802.11g 1Mbps SISO2	10.2	10.3	10.3	10.2	10.2	10.1	15.1	15.2	15.2	15.0	15.0	15.1	15.0
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	6.0	5.9	5.7	6.0	5.9	5.7	16.7	16.7	16.8	16.9	17.0	16.9	16.8
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	6.1	6.0	5.8	5.9	5.8	6.0	16.8	16.8	16.9	16.8	17.0	16.9	17.0
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	6.0	5.8	5.8	5.9	5.7	5.9	14.1	14.2	14.3	14.0	14.0	14.2	14.2
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	5.8	5.8	6.0	5.9	5.9	5.9	17.0	17.0	17.2	17.2	17.2	17.2	17.1
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	6.3	6.0	6.2	6.2	6.1	6.0	14.8	14.9	14.8	14.9	14.8	14.8	14.8
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	5.9	6.0	5.8	6.0	6.0	5.8	15.1	15.2	15.2	15.2	15.1	15.1	15.2
WiFi5GHz 802.11ac VHT80 UNII 3 SISO2	6.1	6.1	6.2	6.2	6.3	6.1	14.2	14.2	14.2	14.2	14.2	14.1	14.0
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	6.3	6.2	6.1	6.1	6.1	6.0	15.0	15.0	15.0	15.0	14.9	15.0	15.1
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO2	5.9	5.9	5.9	6.0	5.9	5.9	9.2	9.2	9.1	9.2	9.2	9.2	9.1
Bluetooth BDR 1Mbps SISO2	5.1	5.1	5.1	5.2	5.1	5.1	16.1	16.2	16.3	16.2	16.2	16.3	16.1

Sensor Triggering distance verification per KDB 616217 D04 Sec.6.4 – Tested @15mm

KDB 616217 D04 6.4										
tilt angle [°]	-45	-35	-25	-15	-5	5	15	25	35	45
WiFi2.4GHz 802.11g 1Mbps SISO2	10.2	10.3	10.1	10.1	10.3	10.0	10.1	10.2	10.3	10.3
WiFi5GHz 802.11a 6Mbps UNII 2A SISO2	5.8	5.8	5.9	5.8	5.8	5.8	6.0	5.7	5.9	5.8
WiFi5GHz 802.11a 6Mbps UNII 2C SISO2	6.1	5.9	6.1	6.1	5.9	6.0	6.1	5.8	6.0	6.1
WiFi5GHz 802.11a 6Mbps UNII 3 SISO2	5.9	5.9	5.9	5.8	5.9	5.8	5.9	6.0	5.9	5.9
WiFi5GHz 802.11a 6Mbps UNII 4 SISO2	5.8	5.9	5.8	5.9	5.7	5.7	6.0	5.9	5.7	5.9
WiFi5GHz 802.11ac VHT80 UNII 2A SISO2	6.1	6.0	6.1	6.1	6.1	6.0	6.0	6.0	6.1	6.2
WiFi5GHz 802.11ac VHT80 UNII 2C SISO2	5.9	6.0	6.0	5.8	5.9	5.9	6.1	6.0	5.8	5.9
WiFi5GHz 802.11ac VHT80 UNII 3 SISO2	6.0	6.2	6.0	6.2	6.0	6.2	6.2	6.1	6.0	6.2
WiFi5GHz 802.11ac VHT80 UNII 4 SISO2	6.1	6.2	6.1	6.0	6.2	6.1	6.0	6.2	6.3	6.2
WiFi 6GHz 802.11ax HE160 UNII5/6/7/8 SISO2	5.9	6.1	5.9	6.1	6.1	6.0	6.0	6.1	6.1	5.9
Bluetooth BDR 1Mbps SISO2	8.9	8.9	9.1	9.0	8.9	9.0	9.0	8.9	9.0	8.9

Sensor Coverage per KDB 616217 D04 Sec.6.3

The antenna and sensor are both co-located with the psSAR cube at each evaluated surface. Therefore, sensor coverage evaluation is not required.

SAR test Separation Distance per KDB 616217 D04 Sec.6.2.(k)

Grip Sensor	Position	Sensor Triggering Distance	Tilt Angle	Sensor Coverage	SAR test Separation Distance
Grip #1	Back	25 mm	N/A	N/A	24 mm
	Top	25 mm	25 mm	N/A	24 mm
	Left	15 mm	15 mm	N/A	14 mm
Grip #3	Back	25 mm	N/A	N/A	24 mm
	Top	25 mm	25 mm	N/A	24 mm
	Right	15 mm	15 mm	N/A	14 mm

-END-