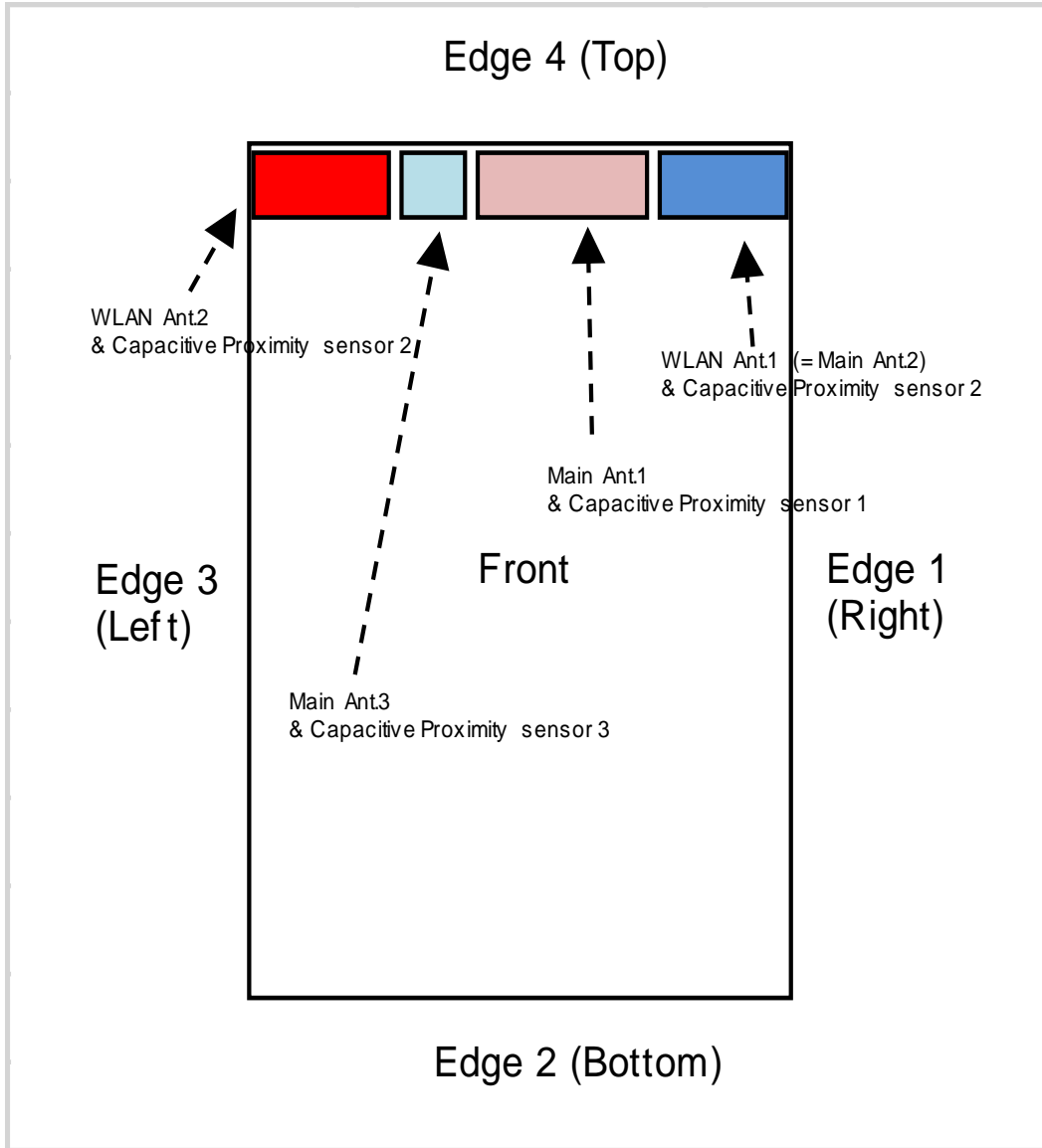


Appendix G. Proximity sensor feature

The DUT has proximity sensors to reduce the output power. The position of the sensors and antenna are as shown in the graphic.

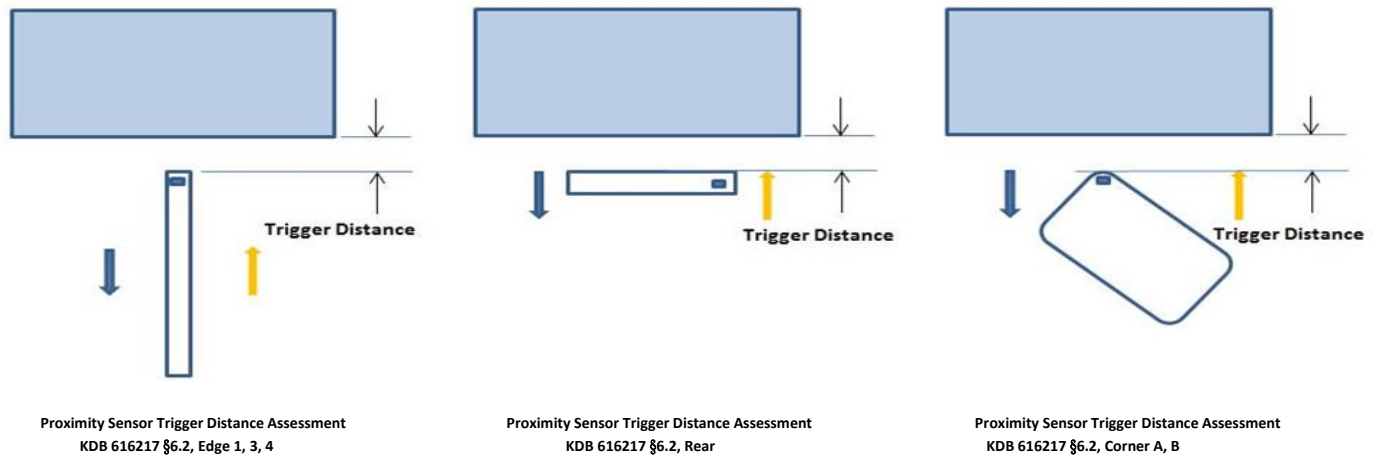


G.1 Proximity Sensor Triggering Distance (KDB 616217 §6.2)

Rear, Edge 1, Edge 3, Edge 4, Corner A (Side of between Edge 1 and Edge 4), Corner B (Side of between Edge 3 and Edge 4) of the DUT was placed directly below the flat phantom. The DUT was moved toward the phantom in accordance with the steps outlined in KDB 616217 §6.2 to determine the trigger distance for enabling power reduction. The DUT was moved away from the phantom to determine the trigger distance for resuming full power.

The DUT featured a visual indicator on its display that showed the status of the proximity sensor (Triggered or not triggered). This was used to determine the status of the sensor during the proximity sensor assessment as monitoring the output power directly was not practical without affecting the measurement.

It was confirmed separately that the output power was altered according to the proximity sensor status indication. This was achieved by observing the proximity sensor status at the same time as monitoring the conducted power. Section 9 contains both the full and reduced conducted power measurements.



LEGEND

- ➔ Direction of DUT travel for determination of power reduction triggering point
- ➔ Direction of DUT travel for determination of full power resumption triggering point

Summary of Trigger Distances

Antenna	Trigger distance - Rear		Trigger distance – Edge 1 (Right)		Trigger distance – Edge 3 (Left)		Trigger distance – Edge 4 (Top)		Trigger distance – Corner A		Trigger distance – Corner B	
	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom
Main Ant.1	20 mm	20 mm	10 mm	10 mm			24 mm	24 mm				
Main Ant.2	18 mm	18 mm	10 mm	10 mm			21 mm	21 mm	16 mm	16 mm		
Main Ant.3	9 mm	9 mm					11 mm	11 mm				
WLAN Ant.1	18 mm	18 mm	10 mm	10 mm			21 mm	21 mm	16 mm	16 mm		
WLAN Ant.2	17 mm	17 mm			7 mm	7 mm	20 mm	20 mm			14 mm	14 mm

Proximity Sensor Triggering Distance Measurement Results

Main Ant.1

Rear, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	16	17	18	19	20	21	22	23	24	25
WCDMA Band II	12.7	12.8	12.5	12.8	12.7	22.6	22.6	22.6	22.6	22.6
WCDMA Band IV	12.7	12.7	12.7	12.7	12.8	22.6	22.5	22.6	22.6	22.5
WCDMA Band V	14.3	14.0	14.1	14.1	14.1	24.0	24.2	24.1	24.0	24.1
LTE Band 2	14.2	14.1	14.1	14.1	14.2	24.1	24.1	24.1	24.2	24.1
LTE Band 4	13.0	13.1	13.3	13.1	13.2	24.1	24.1	24.0	24.1	24.1
LTE Band 5	15.1	15.2	15.1	15.2	15.1	24.6	24.6	24.5	24.5	24.7
LTE Band 7	13.3	13.0	13.1	13.3	13.3	24.1	24.1	24.1	24.0	24.1
LTE Band 12	14.3	14.1	14.0	14.1	14.0	24.7	24.6	24.7	24.7	24.7
LTE Band 13	14.2	14.1	14.2	14.1	14.2	24.2	24.0	24.1	24.2	24.0
LTE Band 14	16.0	16.1	16.1	16.2	16.0	24.1	24.1	24.1	24.1	24.1
LTE Band 25	14.0	14.2	14.1	14.3	14.1	24.1	24.1	24.1	24.1	24.0
LTE Band 26	16.5	16.8	16.7	16.7	16.7	24.6	24.6	24.5	24.6	24.6
LTE Band 30	13.2	13.3	13.3	13.1	13.2	22.1	22.1	22.1	22.0	22.0
LTE Band 41-PC3	13.1	13.3	13.1	13.3	13.3	24.3	24.3	24.3	24.3	24.3
LTE Band 41-PC2	14.2	14.2	14.3	14.1	14.0	26.6	26.6	26.6	26.6	26.6
LTE Band 66	13.3	13.2	13.0	13.2	13.3	24.1	24.0	24.0	24.1	24.1
LTE Band 71	16.1	16.2	16.1	16.2	16.3	24.6	24.6	24.6	24.6	24.5
NR Band n2	14.2	14.1	14.1	14.3	14.2	24.1	24.0	24.1	24.1	24.1
NR Band n5	18.2	18.3	18.3	18.3	18.2	24.1	24.1	24.0	24.0	24.2
NR Band n25	14.1	14.1	14.3	14.2	14.1	24.1	24.1	24.1	24.2	24.1
NR Band n66	14.3	14.2	14.2	14.1	14.3	24.2	24.0	24.1	24.1	24.0
NR Band n71	20.3	20.3	20.2	20.2	20.3	24.5	24.5	24.7	24.7	24.5

Edge 1, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	6	7	8	9	10	11	12	13	14	15
WCDMA Band II	12.7	12.5	12.8	12.8	12.6	22.5	22.6	22.6	22.5	22.6
WCDMA Band IV	12.6	12.6	12.7	12.7	12.6	22.6	22.6	22.6	22.6	22.6
WCDMA Band V	14.3	14.2	14.2	14.3	14.0	24.1	24.1	24.0	24.0	24.2
LTE Band 2	14.3	14.3	14.1	14.3	14.2	24.1	24.0	24.1	24.0	24.0
LTE Band 4	13.2	13.2	13.2	13.0	13.2	24.1	24.1	24.1	24.1	24.1
LTE Band 5	15.2	15.1	15.3	15.0	15.2	24.5	24.5	24.5	24.6	24.6
LTE Band 7	13.3	13.1	13.1	13.1	13.1	24.1	24.1	24.1	24.2	24.1
LTE Band 12	14.0	14.3	14.3	14.3	14.3	24.5	24.6	24.6	24.6	24.6
LTE Band 13	14.1	14.2	14.3	14.1	14.1	24.1	24.1	24.1	24.1	24.2
LTE Band 14	16.1	16.2	16.2	16.1	16.2	24.1	24.1	24.1	24.1	24.0
LTE Band 25	14.1	14.0	14.2	14.2	14.3	24.1	24.0	24.0	24.1	24.0
LTE Band 26	16.7	16.7	16.6	16.7	16.6	24.6	24.6	24.7	24.5	24.5
LTE Band 30	13.3	13.2	13.1	13.3	13.0	22.2	22.2	22.1	22.1	22.1
LTE Band 41-PC3	13.1	13.3	13.0	13.1	13.0	24.3	24.3	24.2	24.4	24.3
LTE Band 41-PC2	14.1	14.0	14.3	14.3	14.1	26.5	26.5	26.6	26.6	26.5
LTE Band 66	13.1	13.2	13.1	13.1	13.3	24.1	24.1	24.2	24.1	24.2
LTE Band 71	16.0	16.0	16.2	16.0	16.2	24.6	24.6	24.7	24.6	24.5
NR Band n2	14.1	14.1	14.3	14.3	14.0	24.2	24.1	24.1	24.1	24.1
NR Band n5	18.0	18.1	18.3	18.1	18.1	24.0	24.0	24.1	24.1	24.2
NR Band n25	14.0	14.0	14.3	14.2	14.2	24.0	24.1	24.2	24.1	24.2
NR Band n66	14.3	14.1	14.1	14.2	14.1	24.2	24.1	24.1	24.1	24.0
NR Band n71	20.1	20.3	20.1	20.2	20.0	24.5	24.6	24.6	24.5	24.7

Edge 4, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	20	21	22	23	24	25	26	27	28	29
WCDMA Band II	12.5	12.6	12.7	12.7	12.6	22.6	22.6	22.5	22.6	22.6
WCDMA Band IV	12.8	12.7	12.5	12.6	12.8	22.5	22.6	22.6	22.7	22.6
WCDMA Band V	14.2	14.1	14.3	14.2	14.1	24.1	24.1	24.1	24.1	24.1
LTE Band 2	14.2	14.3	14.1	14.2	14.3	24.0	24.0	24.1	24.0	24.1
LTE Band 4	13.1	13.0	13.2	13.1	13.3	24.2	24.1	24.0	24.0	24.0
LTE Band 5	15.0	15.1	15.0	15.0	15.2	24.6	24.6	24.7	24.5	24.6
LTE Band 7	13.1	13.2	13.3	13.1	13.1	24.1	24.1	24.1	24.1	24.0
LTE Band 12	14.3	14.1	14.1	14.3	14.1	24.6	24.7	24.6	24.6	24.7
LTE Band 13	14.1	14.1	14.0	14.2	14.3	24.1	24.1	24.2	24.0	24.1
LTE Band 14	16.3	16.1	16.1	16.2	16.3	24.1	24.0	24.1	24.2	24.1
LTE Band 25	14.0	14.1	14.1	14.1	14.1	24.1	24.1	24.2	24.2	24.1
LTE Band 26	16.7	16.6	16.7	16.7	16.8	24.5	24.6	24.6	24.6	24.6
LTE Band 30	13.1	13.3	13.3	13.0	13.3	22.1	22.2	22.1	22.1	22.1
LTE Band 41-PC3	13.1	13.3	13.1	13.2	13.3	24.3	24.2	24.3	24.2	24.4
LTE Band 41-PC2	14.2	14.2	14.2	14.2	14.0	26.6	26.7	26.6	26.6	26.6
LTE Band 66	13.2	13.3	13.3	13.1	13.3	24.0	24.1	24.1	24.1	24.1
LTE Band 71	16.2	16.1	16.1	16.0	16.0	24.5	24.6	24.6	24.6	24.5
NR Band n2	14.1	14.3	14.3	14.2	14.2	24.1	24.1	24.0	24.1	24.0
NR Band n5	18.0	18.3	18.2	18.2	18.2	24.1	24.2	24.0	24.1	24.1
NR Band n25	14.3	14.0	14.2	14.1	14.2	24.1	24.1	24.1	24.0	24.1
NR Band n66	14.0	14.3	14.2	14.1	14.3	24.0	24.0	24.1	24.2	24.1
NR Band n71	20.1	20.1	20.2	20.3	20.2	24.5	24.5	24.6	24.5	24.6

Main Ant.2 & WLAN Ant.1

Rear, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	14	15	16	17	18	19	20	21	22	23
NR Band n41	14.3	14.2	14.0	14.2	14.1	25.6	25.6	25.6	25.5	25.6
2.4G Wi-Fi 11b Tx CH 1-11	11.2	11.2	11.1	11.3	11.2	18.1	18.0	18.1	18.2	18.0
2.4G Wi-Fi 11g Tx CH 1	11.2	11.2	11.0	11.1	11.3	15.1	15.1	15.1	15.1	15.2
2.4G Wi-Fi 11g Tx CH 2-10	11.3	11.3	11.1	11.3	11.3	18.0	18.0	18.0	18.0	18.0
2.4G Wi-Fi 11g Tx CH 11	11.2	11.3	11.0	11.0	11.1	15.2	15.2	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.2	11.3	11.2	11.3	11.1	15.1	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.2	11.2	11.0	11.0	11.3	17.1	17.1	17.0	17.0	17.0
2.4G Wi-Fi 11n Tx CH 11	11.3	11.0	11.2	11.3	11.1	15.0	15.2	15.1	15.1	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.3	8.2	8.1	8.1	8.2	16.1	16.1	16.0	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.6	8.5	8.5	8.5	8.6	16.0	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.1	8.2	8.0	8.0	8.1	16.1	16.1	16.0	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.8	8.8	8.6	8.7	8.7	16.1	16.2	16.1	16.1	16.0
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.1	8.1	8.2	8.1	8.2	16.1	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.5	8.8	8.8	8.8	8.7	16.1	16.1	16.0	16.1	16.0
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.2	8.1	8.2	8.1	8.2	13.1	13.0	13.2	13.0	13.2
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.6	8.8	8.7	8.7	8.7	13.0	13.0	13.0	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.1	8.1	8.1	8.2	8.2	13.1	13.0	13.1	13.0	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.7	8.8	8.8	8.5	8.8	13.1	13.1	13.0	13.1	13.0
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.3	8.1	8.2	8.1	8.0	12.0	12.1	12.1	12.0	12.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.5	8.7	8.8	8.6	8.6	12.0	12.1	12.0	12.0	12.0
Bluetooth-BR	9.1	9.2	9.3	9.1	9.3	17.1	17.0	17.1	17.0	17.1
Bluetooth-EDR	9.0	9.1	9.3	9.2	9.1	15.2	15.1	15.0	15.0	15.1

Edge 1, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	6	7	8	9	10	11	12	13	14	15
NR Band n41	14.0	14.0	14.3	14.1	14.3	25.5	25.5	25.6	25.6	25.6
2.4G Wi-Fi 11b Tx CH 1-11	11.2	11.1	11.2	11.1	11.3	18.1	18.0	18.1	18.0	18.0
2.4G Wi-Fi 11g Tx CH 1	11.3	11.2	11.0	11.1	11.1	15.2	15.2	15.1	15.1	15.1
2.4G Wi-Fi 11g Tx CH 2-10	11.2	11.2	11.0	11.1	11.3	18.0	18.0	18.1	18.0	18.1
2.4G Wi-Fi 11g Tx CH 11	11.3	11.3	11.2	11.2	11.0	15.1	15.1	15.1	15.0	15.0
2.4G Wi-Fi 11n Tx CH 1	11.2	11.2	11.1	11.0	11.0	15.1	15.1	15.0	15.2	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.2	11.1	11.1	11.2	11.3	17.1	17.0	17.0	17.1	17.1
2.4G Wi-Fi 11n Tx CH 11	11.0	11.2	11.2	11.3	11.0	15.1	15.1	15.0	15.1	15.0
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.3	8.1	8.1	8.0	8.1	16.1	16.0	16.1	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.7	8.6	8.6	8.5	8.6	16.1	16.2	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.0	8.1	8.1	8.1	8.2	16.2	16.1	16.0	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.7	8.5	8.6	8.8	8.7	16.1	16.1	16.0	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.2	8.3	8.3	8.3	8.3	16.1	16.1	16.2	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.6	8.6	8.7	8.6	8.6	16.1	16.2	16.2	16.1	16.1
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.3	8.1	8.3	8.1	8.2	13.1	13.1	13.1	13.0	13.2
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.6	8.7	8.5	8.6	8.7	13.0	13.1	13.1	13.1	13.2
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.2	8.1	8.3	8.2	8.1	13.1	13.1	13.1	13.0	13.0
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.8	8.8	8.7	8.5	8.6	13.1	13.0	13.1	13.2	13.2
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.3	8.2	8.1	8.3	8.1	12.1	12.1	12.1	12.2	12.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.5	8.6	8.6	8.7	8.5	12.0	12.1	12.2	12.1	12.1
Bluetooth-BR	9.0	9.1	9.1	9.1	9.3	17.1	17.1	17.0	17.1	17.1
Bluetooth-EDR	9.1	9.1	9.1	9.1	9.2	15.1	15.1	15.0	15.2	15.1

Edge 4, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	17	18	19	20	21	22	23	24	25	26
NR Band n41	14.0	14.0	14.1	14.1	14.0	25.5	25.5	25.5	25.5	25.6
2.4G Wi-Fi 11b Tx CH 1-11	11.1	11.2	11.0	11.3	11.3	18.1	18.2	18.1	18.1	18.0
2.4G Wi-Fi 11g Tx CH 1	11.2	11.2	11.1	11.3	11.2	15.1	15.0	15.2	15.1	15.1
2.4G Wi-Fi 11g Tx CH 2-10	11.2	11.1	11.2	11.3	11.3	18.1	18.1	18.0	18.1	18.1
2.4G Wi-Fi 11g Tx CH 11	11.2	11.2	11.1	11.0	11.3	15.1	15.2	15.0	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.1	11.1	11.2	11.3	11.2	15.1	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.1	11.1	11.3	11.3	11.3	17.1	17.1	17.1	17.1	17.0
2.4G Wi-Fi 11n Tx CH 11	11.1	11.3	11.2	11.0	11.1	15.1	15.0	15.0	15.0	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.1	8.3	8.3	8.1	8.2	16.0	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.8	8.5	8.6	8.8	8.7	16.1	16.0	16.1	16.1	16.2
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.3	8.2	8.3	8.3	8.2	16.0	16.1	16.1	16.1	16.2
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.6	8.7	8.7	8.5	8.6	16.0	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.1	8.1	8.2	8.0	8.1	16.1	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.6	8.7	8.8	8.7	8.8	16.1	16.1	16.0	16.1	16.1
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.2	8.3	8.2	8.1	8.2	13.1	13.0	13.1	13.0	13.1
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.7	8.6	8.8	8.8	8.6	13.1	13.1	13.0	13.1	13.0
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.3	8.2	8.3	8.3	8.1	13.1	13.0	13.1	13.1	13.2
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.6	8.8	8.6	8.6	8.7	13.1	13.0	13.2	13.1	13.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.0	8.2	8.2	8.0	8.3	12.1	12.1	12.1	12.1	12.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.6	8.7	8.5	8.7	8.5	12.1	12.1	12.1	12.1	12.1
Bluetooth-BR	9.0	9.1	9.1	9.0	9.1	17.2	17.1	17.1	17.0	17.1
Bluetooth-EDR	9.0	9.2	9.2	9.0	9.0	15.1	15.1	15.0	15.0	15.1

Corner A, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	12	13	14	15	16	17	18	19	20	21
NR Band n41	14.3	14.3	14.1	14.1	14.1	25.7	25.6	25.5	25.5	25.5
2.4G Wi-Fi 11b Tx CH 1-11	11.2	11.2	11.3	11.3	11.3	18.1	18.0	18.1	18.2	18.1
2.4G Wi-Fi 11g Tx CH 1	11.1	11.2	11.2	11.0	11.0	15.1	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11g Tx CH 2-10	11.2	11.3	11.1	11.2	11.2	18.2	18.1	18.0	18.1	18.1
2.4G Wi-Fi 11g Tx CH 11	11.1	11.1	11.3	11.3	11.0	15.0	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.2	11.2	11.1	11.1	11.2	15.1	15.0	15.0	15.1	15.0
2.4G Wi-Fi 11n Tx CH 2-10	11.0	11.2	11.0	11.1	11.2	17.1	17.1	17.1	17.1	17.1
2.4G Wi-Fi 11n Tx CH 11	11.1	11.3	11.2	11.2	11.2	15.2	15.0	15.0	15.1	15.2
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.0	8.1	8.2	8.0	8.3	16.2	16.2	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.7	8.7	8.7	8.6	8.8	16.0	16.2	16.1	16.2	16.0
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.3	8.3	8.1	8.0	8.1	16.1	16.1	16.1	16.0	16.0
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.7	8.5	8.7	8.6	8.7	16.0	16.1	16.0	16.1	16.0
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.2	8.3	8.2	8.2	8.3	16.1	16.1	16.0	16.2	16.0
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.8	8.6	8.5	8.5	8.5	16.1	16.0	16.2	16.1	16.0
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.3	8.3	8.2	8.0	8.1	13.1	13.1	13.1	13.2	13.0
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.5	8.7	8.8	8.7	8.6	13.1	13.2	13.1	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.0	8.3	8.3	8.0	8.3	13.0	13.1	13.0	13.1	13.0
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.5	8.6	8.8	8.8	8.8	13.2	13.0	13.0	13.1	13.0
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.3	8.0	8.3	8.2	8.1	12.1	12.2	12.1	12.1	12.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.6	8.8	8.8	8.8	8.7	12.0	12.1	12.0	12.1	12.1
Bluetooth-BR	9.2	9.2	9.0	9.1	9.1	17.1	17.1	17.1	17.1	17.0
Bluetooth-EDR	9.1	9.3	9.2	9.0	9.3	15.1	15.1	15.1	15.2	15.1

Main Ant.3**Rear, DUT Moving Toward (Trigger) and Away (Release) from the Phantom**

Distance to DUT vs. Output Power in dBm										
Distance (mm)	5	6	7	8	9	10	11	12	13	14
LTE48 CH 55240-55340	13.0	13.1	13.1	13.1	13.1	20.1	20.1	20.1	20.1	20.1
LTE48 CH 55341-55990	13.3	13.2	13.3	13.1	13.0	22.2	22.1	22.1	22.0	22.1
LTE48 CH 55991-56739	13.2	13.2	13.3	13.1	13.1	22.6	22.6	22.6	22.6	22.5
NR Band n77	11.0	11.3	11.3	11.1	11.1	20.6	20.7	20.6	20.6	20.7

Edge 4, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	7	8	9	10	11	12	13	14	15	16
LTE48 CH 55240-55340	13.2	13.1	13.3	13.0	13.1	20.0	20.1	20.0	20.2	20.1
LTE48 CH 55341-55990	13.0	13.2	13.3	13.2	13.2	22.1	22.1	22.1	22.1	22.0
LTE48 CH 55991-56739	13.1	13.2	13.3	13.0	13.1	22.7	22.6	22.5	22.7	22.5
NR Band n77	11.3	11.2	11.3	11.2	11.2	20.6	20.7	20.5	20.7	20.6

WLAN Ant.2

Rear, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	13	14	15	16	17	18	19	20	21	22
2.4G Wi-Fi 11b Tx CH 1-11	11.0	11.1	11.2	11.1	11.2	18.1	18.1	18.0	18.1	18.1
2.4G Wi-Fi 11g Tx CH 1	11.2	11.3	11.0	11.1	11.1	15.1	15.1	15.1	15.0	15.0
2.4G Wi-Fi 11g Tx CH 2-10	11.0	11.2	11.3	11.1	11.2	18.1	18.0	18.1	18.0	18.1
2.4G Wi-Fi 11g Tx CH 11	11.0	11.3	11.3	11.1	11.2	15.2	15.0	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.1	11.3	11.0	11.1	11.2	15.0	15.1	15.1	15.0	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.0	11.3	11.3	11.3	11.3	17.1	17.0	17.0	17.0	17.1
2.4G Wi-Fi 11n Tx CH 11	11.0	11.3	11.2	11.1	11.2	15.1	15.1	15.2	15.0	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.1	8.3	8.3	8.1	8.2	16.1	16.2	16.1	16.0	16.0
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.7	8.7	8.6	8.8	8.7	16.1	16.1	16.0	16.0	16.2
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.1	8.3	8.3	8.3	8.3	16.1	16.1	16.1	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.8	8.8	8.7	8.8	8.6	16.1	16.0	16.2	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.3	8.3	8.2	8.1	8.2	16.1	16.0	16.0	16.1	16.2
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.5	8.7	8.5	8.6	8.8	16.1	16.0	16.1	16.0	16.0
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.2	8.2	8.3	8.2	8.1	13.0	13.1	13.1	13.1	13.0
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.6	8.6	8.6	8.7	8.7	13.0	13.1	13.1	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.2	8.2	8.1	8.1	8.2	13.2	13.0	13.0	13.0	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.6	8.8	8.6	8.8	8.6	13.1	13.1	13.2	13.1	13.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.1	8.3	8.3	8.2	8.3	12.1	12.1	12.1	12.1	12.2
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.6	8.8	8.8	8.8	8.7	12.1	12.2	12.0	12.0	12.2

Edge 3, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	3	4	5	6	7	8	9	10	11	12
2.4G Wi-Fi 11b Tx CH 1-11	11.0	11.1	11.3	11.0	11.3	18.1	18.1	18.1	18.2	18.1
2.4G Wi-Fi 11g Tx CH 1	11.2	11.3	11.3	11.2	11.3	15.2	15.1	15.1	15.0	15.0
2.4G Wi-Fi 11g Tx CH 2-10	11.3	11.1	11.1	11.1	11.3	18.1	18.1	18.1	18.0	18.1
2.4G Wi-Fi 11g Tx CH 11	11.2	11.2	11.2	11.3	11.3	15.1	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.1	11.3	11.2	11.3	11.3	15.2	15.1	15.1	15.1	15.0
2.4G Wi-Fi 11n Tx CH 2-10	11.1	11.1	11.1	11.2	11.2	17.1	17.1	17.1	17.1	17.1
2.4G Wi-Fi 11n Tx CH 11	11.1	11.0	11.3	11.3	11.2	15.0	15.1	15.2	15.1	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.3	8.0	8.1	8.0	8.3	16.1	16.0	16.1	16.1	16.0
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.5	8.6	8.6	8.7	8.8	16.1	16.1	16.1	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.0	8.2	8.3	8.3	8.1	16.1	16.0	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.6	8.7	8.8	8.8	8.6	16.2	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.1	8.3	8.2	8.2	8.2	16.0	16.2	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.7	8.8	8.8	8.5	8.7	16.1	16.1	16.2	16.1	16.1
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.3	8.1	8.2	8.0	8.1	13.0	13.1	13.1	13.1	13.2
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.6	8.8	8.8	8.8	8.6	13.1	13.1	13.0	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.1	8.2	8.2	8.3	8.3	13.0	13.1	13.0	13.2	13.2
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.7	8.6	8.6	8.8	8.7	13.0	13.0	13.1	13.1	13.2
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.2	8.3	8.2	8.3	8.1	12.1	12.1	12.1	12.2	12.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.8	8.7	8.6	8.6	8.8	12.0	12.0	12.1	12.1	12.2

Edge 4, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	16	17	18	19	20	21	22	23	24	25
2.4G Wi-Fi 11b Tx CH 1-11	11.0	11.1	11.2	11.1	11.2	18.1	18.1	18.0	18.1	18.1
2.4G Wi-Fi 11g Tx CH 1	11.2	11.3	11.0	11.1	11.1	15.1	15.1	15.1	15.0	15.0
2.4G Wi-Fi 11g Tx CH 2-10	11.0	11.2	11.3	11.1	11.2	18.1	18.0	18.1	18.0	18.1
2.4G Wi-Fi 11g Tx CH 11	11.0	11.3	11.3	11.1	11.2	15.2	15.0	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.1	11.3	11.0	11.1	11.2	15.0	15.1	15.1	15.0	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.0	11.3	11.3	11.3	11.3	17.1	17.0	17.0	17.0	17.1
2.4G Wi-Fi 11n Tx CH 11	11.0	11.3	11.2	11.1	11.2	15.1	15.1	15.2	15.0	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.1	8.3	8.3	8.1	8.2	16.1	16.2	16.1	16.0	16.0
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.7	8.7	8.6	8.8	8.7	16.1	16.1	16.0	16.0	16.2
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.1	8.3	8.3	8.3	8.3	16.1	16.1	16.1	16.0	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.8	8.8	8.7	8.8	8.6	16.1	16.0	16.2	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.3	8.3	8.2	8.1	8.2	16.1	16.0	16.0	16.1	16.2
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.5	8.7	8.5	8.6	8.8	16.1	16.0	16.1	16.0	16.0
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.2	8.2	8.3	8.2	8.1	13.0	13.1	13.1	13.1	13.0
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.6	8.6	8.6	8.7	8.7	13.0	13.1	13.1	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.2	8.2	8.1	8.1	8.2	13.2	13.0	13.0	13.0	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.6	8.8	8.6	8.8	8.6	13.1	13.1	13.2	13.1	13.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.1	8.3	8.3	8.2	8.3	12.1	12.1	12.1	12.1	12.2
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.6	8.8	8.8	8.8	8.7	12.1	12.2	12.0	12.0	12.2

Corner B, DUT Moving Toward (Trigger) and Away (Release) from the Phantom

Distance to DUT vs. Output Power in dBm										
Distance (mm)	10	11	12	13	14	15	16	17	18	19
2.4G Wi-Fi 11b Tx CH 1-11	11.2	11.3	11.3	11.2	11.1	18.1	18.1	18.1	18.2	18.2
2.4G Wi-Fi 11g Tx CH 1	11.1	11.2	11.3	11.1	11.1	15.1	15.1	15.2	15.0	15.2
2.4G Wi-Fi 11g Tx CH 2-10	11.1	11.2	11.3	11.1	11.1	18.2	18.1	18.1	18.1	18.1
2.4G Wi-Fi 11g Tx CH 11	11.0	11.3	11.1	11.1	11.3	15.1	15.1	15.1	15.1	15.1
2.4G Wi-Fi 11n Tx CH 1	11.3	11.2	11.1	11.3	11.1	15.0	15.1	15.0	15.0	15.1
2.4G Wi-Fi 11n Tx CH 2-10	11.2	11.2	11.1	11.0	11.2	17.1	17.0	17.0	17.0	17.1
2.4G Wi-Fi 11n Tx CH 11	11.1	11.3	11.3	11.0	11.3	15.1	15.1	15.0	15.1	15.1
5GHz Wi-Fi(20MHz BW) 11a UNII-1,2A	8.2	8.3	8.1	8.3	8.3	16.1	16.1	16.0	16.1	16.0
5GHz Wi-Fi(20MHz BW) 11a UNII-2C,3	8.6	8.6	8.8	8.8	8.5	16.1	16.0	16.1	16.0	16.2
5GHz Wi-Fi(20MHz BW) 11n UNII-1,2A	8.3	8.3	8.1	8.2	8.2	16.1	16.1	16.0	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11n UNII-2C,3	8.8	8.6	8.8	8.7	8.7	16.1	16.1	16.1	16.1	16.1
5GHz Wi-Fi(20MHz BW) 11ac UNII-1,2A	8.3	8.1	8.2	8.3	8.1	16.1	16.1	16.1	16.1	16.0
5GHz Wi-Fi(20MHz BW) 11ac UNII-2C,3	8.8	8.8	8.6	8.7	8.8	16.1	16.1	16.0	16.1	16.0
5GHz Wi-Fi(40MHz BW) 11n UNII-1,2A	8.1	8.0	8.1	8.3	8.3	13.1	13.0	13.0	13.2	13.0
5GHz Wi-Fi(40MHz BW) 11n UNII-2C,3	8.7	8.7	8.8	8.6	8.6	13.2	13.1	13.1	13.1	13.0
5GHz Wi-Fi(40MHz BW) 11ac UNII-1,2A	8.1	8.1	8.3	8.3	8.2	13.1	13.0	13.2	13.1	13.1
5GHz Wi-Fi(40MHz BW) 11ac UNII-2C,3	8.7	8.7	8.7	8.6	8.7	13.1	13.0	13.1	13.0	13.1
5GHz Wi-Fi(80MHz BW) 11ac UNII-1,2A	8.1	8.0	8.2	8.3	8.3	12.1	12.1	12.1	12.1	12.2
5GHz Wi-Fi(80MHz BW) 11ac UNII-2C,3	8.6	8.8	8.7	8.8	8.6	12.2	12.1	12.2	12.1	12.2

G.4 Resulting test positions for SAR measurements

Wireless technologies	Position	§6.6.1 Triggering Distance	§6.6.2 Coverage	§6.6.3 Tilt Angle	Worst case distance for SAR
Main Ant.1	Rear	20 mm	N/A	N/A	19 mm
	Edge 1	10 mm	N/A	10 mm	9 mm
	Edge 4	24 mm	N/A	24 mm	23 mm
Main Ant.2	Rear	18 mm	N/A	N/A	17 mm
	Edge 1	10 mm	N/A	10 mm	9 mm
	Edge 4	21 mm	N/A	21 mm	20 mm
	Corner A	16 mm	N/A	N/A	15 mm
Main Ant.3	Rear	9 mm	N/A	N/A	8 mm
	Edge 4	11 mm	N/A	11 mm	10 mm
WLAN Ant.1	Rear	18 mm	N/A	N/A	17 mm
	Edge 1	10 mm	N/A	10 mm	9 mm
	Edge 4	21 mm	N/A	21 mm	20 mm
	Corner A	16 mm	N/A	N/A	15 mm
WLAN Ant.2	Rear	17 mm	N/A	N/A	16 mm
	Edge 3	7 mm	N/A	7 mm	6 mm
	Edge 4	20 mm	N/A	20 mm	19 mm
	Corner B	14 mm	N/A	N/A	13 mm

-End-