

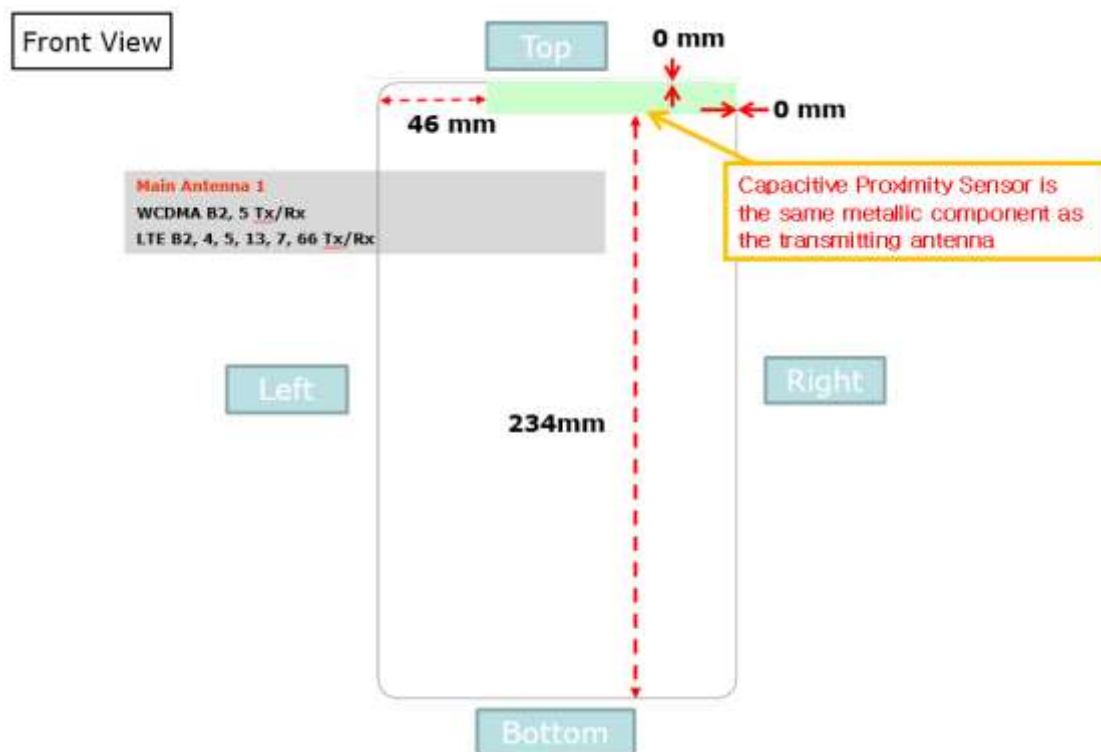
The Verification of Power Reduction

Per the May 2017 TCBC Workshop notes, demonstration of proper functioning of the power reduction mechanism is required to support the corresponding SAR Configurations. The verification process was divided into two parts:

Evaluation of the triggering distances for proximity-based sensors.

1. Power Reduction Verification for Main Antenna

This device utilizes a power reduction mechanism for Main Antenna wireless modes and bands for SAR compliance under some conditions when the device is being used in close proximity to the user's hand. All SAR evaluations for this device were performed at the maximum allowed output Power when Proximity Sensor is activated. FCC KDB Publication 616217D04v01r02 section 6 was used as a guideline for selection SAR test distances for this device when being used in proximity sensor used conditions. For detailed measurement conducted power results, please refer to the Section .11



1.1 Power Verification Procedure for Main Ant.

The Power verification was performed according to the following procedure:

Power Reduction Verification for Main Bands

Mechanism(s)	Mode/Band	Conducted Power (dBm)	
		Un-triggered (Max Power)	Triggered (Reduced Power)
Proximity sensor On	WCDMA Band 5	24.07	17.09
Proximity sensor On	WCDMA Band 2	23.76	12.77
Proximity sensor On	LTE Band 2	24.23	11.99
Proximity sensor On	LTE Band 4	24.14	12.33
Proximity sensor On	LTE Band 5	23.3	16.79
Proximity sensor On	LTE Band 7	22.75	13.21
Proximity sensor On	LTE Band 13	23.5	17.01
Proximity sensor On	LTE Band 66	24.22	12.79

1.2 Procedures for determining proximity sensor triggering distances

(KDB 616217 D04v01r02 §6.2)

The distance verification procedure was performed according to the following procedure:

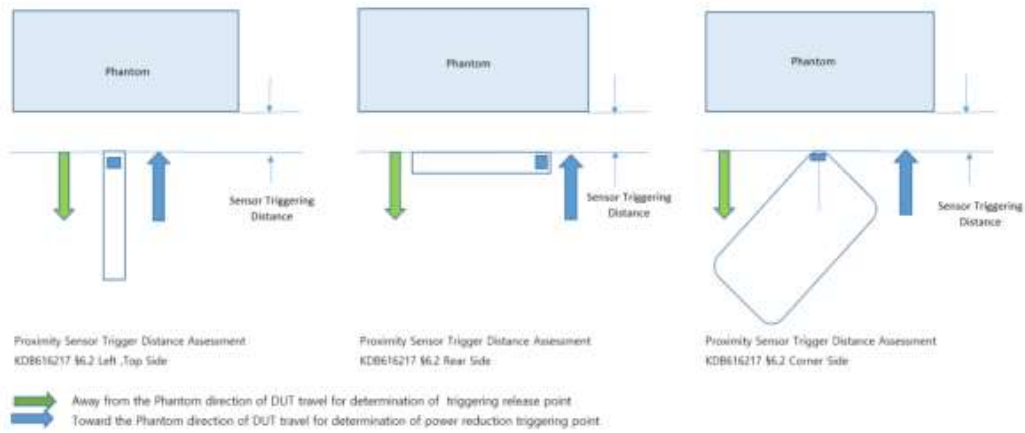
A base station simulator was used to establish an RF connection and to monitor the power levels. The device being tested was placed below the relevant section of the phantom with the relevant side or edge of the device facing toward the phantom.

The device was moved toward and away from the phantom to determine the distance at which the mechanism triggers and the output power is reduced, per KDB Publication 616217 D04v01r02 .Each applicable test position was evaluated. The distance were conformed to be the same or larger (more conservative) than the minimum distances provided by the manufacturer.

Step 1 and 2 were repeated for the relevant modes, as appropriate

Step1 through 3 were repeated for all distance-based power reduction mechanisms.

For detailed measurement conducted power results, please refer to the Section .9



Tissue simulating Liquid	Trigger distance - Rear		Trigger distance - Top		Trigger distance - Right		Trigger distance - Right corner	
	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom
750MHz Muscle	17	18	18	19	11	13	7	9
835 MHz Muscle	17	18	18	19	11	13	7	9
1750 MHz Muscle	17	18	18	19	11	13	7	9
1900 MHz Muscle	17	18	18	19	11	13	7	9
2600 MHz Muscle	17	18	18	19	11	13	7	9

Distance Measurement verification for Proximity sensor

Rear side – EUT Moving toward (trigger) to the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	22	21	20	19	18	17	16	15	14	13
WCDMA B5	24.17	24.01	24.12	24.17	24.1	17.19	17.25	17.19	17.21	17.1
WCDMA B2	23.7	23.83	23.72	23.65	23.67	12.65	12.78	12.64	12.67	12.58
LTE B2	24.22	24.22	24.27	24.13	24.13	12.1	11.99	12.11	12	11.96
LTE B4	24.11	24.12	24.2	24.05	24.02	12.28	12.26	12.16	12.3	12.3
LTE B5	23.37	23.41	23.32	23.47	23.46	16.65	16.77	16.73	16.78	16.71
LTE B13	23.47	23.5	23.46	23.36	23.41	17.09	17.16	17.1	17.14	17.12
LTE B66	24.4	24.33	24.21	24.23	24.27	12.85	12.72	12.9	12.91	12.72
LTE B7	22.66	22.72	22.73	22.71	22.74	13.12	13.21	13.28	13.25	13.21

Rear side – EUT Moving away (Release) from the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	14	15	16	17	18	19	20	21	22	23
WCDMA B5	17.14	17.22	17.23	17.25	17.07	24.17	24.02	24.14	24.11	24.05
WCDMA B2	12.58	12.59	12.62	12.56	12.62	23.67	23.69	23.73	23.84	23.83
LTE B2	12	12.04	12.12	11.99	12.03	24.14	24.1	24.24	24.11	24.08
LTE B4	12.2	12.07	12.26	12.25	12.28	24.17	24.07	24.05	24.16	24.06
LTE B5	16.62	16.68	16.62	16.61	16.66	23.35	23.36	23.45	23.36	23.32
LTE B13	16.99	17.09	17.16	17.12	17.03	23.36	23.3	23.37	23.32	23.36
LTE B66	12.45	12.43	12.49	12.6	12.56	23.41	23.42	23.33	23.46	23.49
LTE B7	13.23	13.17	13.17	13.11	13.1	22.65	22.82	22.69	22.79	22.72

Based on the most conservative measured triggering distance of 17 mm, additional Body SAR measurements were required at 16 mm from Rear side for the above modes.

Top side – EUT Moving toward (trigger) to the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	23	22	21	20	19	18	17	16	15	14
WCDMA B5	24.16	24.17	24.1	24.14	24.04	17.1	17.06	17.16	17.18	17.25
WCDMA B2	23.71	23.78	23.65	23.64	23.71	12.72	12.66	12.63	12.61	12.6
LTE B2	24.18	24.27	24.24	24.27	24.21	11.96	12.03	11.96	11.99	11.96
LTE B4	24.11	24.19	24.08	24.01	24.06	12.32	12.23	12.18	12.29	12.29
LTE B5	23.4	23.31	23.29	23.37	23.34	16.64	16.71	16.63	16.61	16.64
LTE B13	23.49	23.3	23.39	23.5	23.31	17.16	17.16	17.17	17.11	17.14
LTE B66	24.34	24.37	24.21	24.3	24.35	12.71	12.78	12.89	12.84	12.8
LTE B7	22.82	22.81	22.72	22.76	22.66	13.1	13.12	13.21	13.28	13.09

Top side – EUT Moving away (Release) from the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	15	16	17	18	19	20	21	22	23	24
WCDMA B5	17.16	17.16	17.07	17.11	17.09	24.14	24.21	24.17	24.02	24.14
WCDMA B2	12.59	12.66	12.69	12.74	12.69	23.68	23.71	23.8	23.69	23.75
LTE B2	11.96	12.07	11.87	11.93	12.00	24.12	24.16	24.24	24.09	24.04
LTE B4	12.32	12.30	12.08	12.21	12.18	24.02	24.03	24.17	24.19	24.09
LTE B5	16.75	16.69	16.64	16.65	16.62	23.41	23.33	23.44	23.48	23.31
LTE B13	16.98	16.95	17.08	17.03	17.00	23.45	23.47	23.33	23.37	23.31
LTE B66	12.58	12.47	12.41	12.47	12.43	23.42	23.47	23.49	23.46	23.42
LTE B7	13.26	13.27	13.08	13.27	13.15	22.82	22.69	22.68	22.83	22.8

Based on the most conservative measured triggering distance of 18 mm, additional Body SAR measurements were required at 17 mm from Rear side for the above modes.

Right side – EUT Moving toward (trigger) to the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	16	15	14	13	12	11	10	9	8	7
WCDMA B5	24.06	24.16	24.14	24.05	24.12	17.2	17.15	17.12	17.08	17.25
WCDMA B2	23.81	23.7	23.74	23.65	23.82	12.74	12.66	12.77	12.64	12.73
LTE B2	24.24	24.25	24.18	24.26	24.11	12.05	12.06	12.01	12.03	12.12
LTE B4	24.12	24.11	24.18	24.19	24.09	12.24	12.28	12.25	12.14	12.26
LTE B5	23.37	23.29	23.48	23.33	23.3	16.62	16.76	16.81	16.67	16.67
LTE B13	23.42	23.38	23.34	23.44	23.39	17	17.14	17.11	17.18	17.1
LTE B66	24.23	24.38	24.2	24.4	24.2	12.71	12.8	12.87	12.77	12.87
LTE B7	22.83	22.81	22.67	22.72	22.77	13.14	13.13	13.19	13.27	13.27

Right side – EUT Moving away (Release) from the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	9	10	11	12	13	14	15	16	17	18
WCDMA B5	17.13	17.08	17.07	17.07	17.25	24.05	24.03	24.2	24.02	24.03
WCDMA B2	12.76	12.59	12.62	12.60	12.64	23.75	23.83	23.65	23.78	23.78
LTE B2	11.94	11.98	12.04	11.88	12.07	24.25	24.22	24.18	24.22	24.09
LTE B4	12.16	12.25	12.19	12.11	12.27	24.12	24.13	24.06	24.1	24.11
LTE B5	16.8	16.69	16.65	16.64	16.75	23.32	23.29	23.41	23.32	23.42
LTE B13	17.18	17.12	16.93	17.10	17.08	23.5	23.36	23.32	23.43	23.49
LTE B66	12.56	12.54	12.62	12.44	12.58	23.39	23.43	23.41	23.48	23.45
LTE B7	13.13	13.12	13.1	13.16	13.22	22.82	22.72	22.73	22.78	22.77

Based on the most conservative measured triggering distance of 11 mm, additional Body SAR measurements were required at 10 mm from Rear side for the above modes.

Right Corner side – EUT Moving toward (trigger) to the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	12	11	10	9	8	7	6	5	4	3
WCDMA B5	24.07	24.09	24.12	24.13	24.06	17.15	17.26	17.06	17.12	17.17
WCDMA B2	23.77	23.67	23.77	23.74	23.84	12.66	12.78	12.62	12.77	12.59
LTE B2	24.22	24.22	24.07	24.22	24.21	11.97	12.07	12.11	12.1	12.06
LTE B4	24.15	24.15	24.12	24.1	24.03	12.32	12.19	12.31	12.26	12.23
LTE B5	23.41	23.47	23.3	23.37	23.41	16.63	16.63	16.79	16.62	16.72
LTE B13	23.48	23.43	23.34	23.5	23.38	17.06	17.03	17.01	17.06	16.99
LTE B66	24.34	24.24	24.29	24.35	24.31	12.52	12.49	12.46	12.61	12.51
LTE B7	22.66	22.82	22.72	22.66	22.8	13.23	13.28	13.18	13.12	13.16

Right Corner side – EUT Moving away (Release) from the Phantom WCDMA B5/B2, LTE B2/B4/B5/B13/B66

Distance	Distance to DUT Output power (dBm)									
	5	6	7	8	9	10	11	12	13	14
WCDMA B5	17.07	17.25	17.17	17.11	17.13	24.05	24.07	24.02	24.02	24.16
WCDMA B2	12.66	12.69	12.53	12.69	12.66	23.66	23.74	23.71	23.69	23.74
LTE B2	12.03	12.02	11.95	11.90	11.96	24.15	24.18	24.18	24.07	24.09
LTE B4	12.29	12.22	12.31	12.25	12.13	24.19	24.04	24.16	24.07	24.23
LTE B5	16.74	16.68	16.69	16.65	16.60	23.31	23.38	23.44	23.41	23.3
LTE B13	17.09	17.07	17.09	17.02	16.99	23.38	23.5	23.38	23.51	23.42
LTE B66	12.46	12.53	12.48	12.53	12.6	23.52	23.37	23.44	23.43	23.41
LTE B7	13.09	13.1	13.12	13.24	13.13	22.82	22.72	22.8	22.67	22.84

Based on the most conservative measured triggering distance of 7 mm, additional Body SAR measurements were required at 6 mm from Rear side for the above modes.

1.3 Proximity Sensor Coverage for SAR measurements

(KDB 616217 D04v01r02 §6.3)

As there is no spatial offset between the antenna and the proximity sensor element, proximity sensor coverage did not need to be assessed.

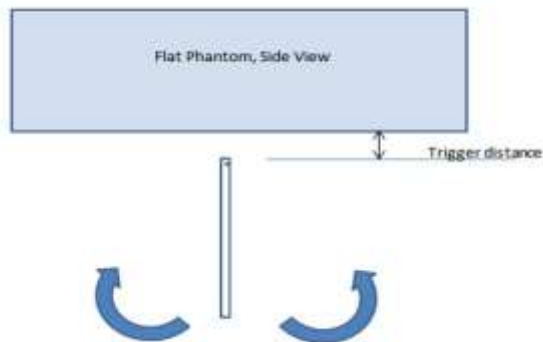
1.4 Proximity Sensor Tilt Angle Assessment

(KDB 616217 D04v01r02 §6.4)

The DUT was positioned directly below the flat phantom at the minimum measured trigger distance with Top/Left side parallel to the base of the flat phantom for each band.

The EUT was rotated about Bottom side for angles up to $\pm 45^\circ$. If the output power increased during the rotation the DUT was moved 1mm toward the phantom and the rotation repeated. This procedure was repeated until the power remained reduced for all angles up to $\pm 45^\circ$.

Proximity sensor tilt angle assessment (Bottom side) KDB 616217 §6.4



Summary of Tablet Tilt Angle influence to Proximity Sensor Triggering (Top side)

Band (MHz)	Minimum distance at which power reduction was maintained over -45°	Power reduction status										
		-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
WCDMA B5	18 mm	17.14	17.16	17.14	17.25	17.09	17.15	17.2	17.18	17.21	17.06	17.15
WCDMA B2	18 mm	12.64	12.61	12.75	12.76	12.73	12.74	12.65	12.74	12.55	12.75	12.74
LTE B2	18 mm	11.96	12.03	12.05	12.02	11.98	11.99	11.94	12.03	12.07	11.97	11.99
LTE B4	18 mm	12.24	12.29	12.17	12.31	12.15	12.32	12.12	12.19	12.14	12.28	12.32
LTE B5	18 mm	16.6	16.7	16.64	16.63	16.71	16.65	16.66	16.62	16.55	16.62	16.65
LTE B13	18 mm	17.08	17.18	17.01	17.17	17.08	17.02	17.05	16.90	17.00	16.90	17.02
LTE B66	18 mm	12.55	12.47	12.43	12.55	12.47	12.43	12.55	12.62	12.56	12.47	12.61
LTE B7	18 mm	13.09	13.22	13.27	13.23	13.27	13.09	13.09	13.21	13.17	13.24	13.09

Summary of Tablet Tilt Angle influence to Proximity Sensor Triggering (Right side)

Band (MHz)	Minimum distance at which power reduction was maintained over -45°	Power reduction status										
		-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
WCDMA B5	11 mm	17.17	17.23	17.23	17.11	17.26	17.17	17.25	17.19	17.14	17.25	17.15
WCDMA B2	11mm	12.75	12.67	12.63	12.74	12.56	12.75	12.62	12.78	12.7	12.67	12.71
LTE B2	11 mm	12.01	11.90	12.06	12.12	11.90	12.01	11.97	12.05	11.95	12	12.04
LTE B4	11 mm	12.33	12.26	12.22	12.19	12.29	12.33	12.24	12.25	12.27	12.25	12.26
LTE B5	11 mm	16.67	16.67	16.71	16.75	16.70	16.67	16.61	16.71	16.69	16.7	16.72
LTE B13	11 mm	17.17	17.03	17.03	16.98	17.01	17.17	17.1	17.01	17.05	17.08	17.17
LTE B66	11 mm	12.59	12.52	12.57	12.53	12.47	12.57	12.59	12.61	12.48	12.48	12.57
LTE B7	11 mm	13.17	13.2	13.12	13.19	13.09	13.03	13.12	13.18	13.16	13.14	13.15

1.5 Resulting test positions for Tablet SAR measurements

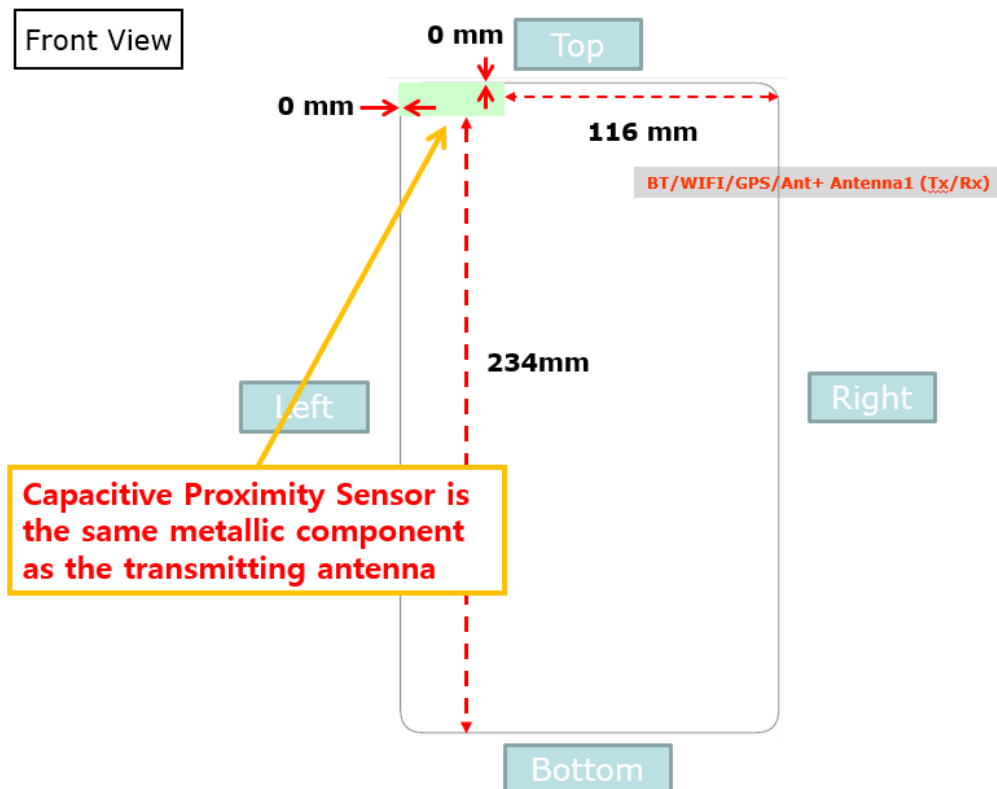
Wireless technologies	Position	§6.2 Triggering Distance	§6.3 Coverage	§6.4 Tilt Angle	Worst case distance for Tablet SAR
WWAN (GSM850/1900/WCDMA B2/B4/B5 LTE B2/B4/B5/B7/B12/B13/B17/B41/B66)	Rear	17	N/A	N/A	16
	Top Side	18	N/A	18	17
	Right Side	11	N/A	11	10
	Right Corner	7	N/A	N/A	6

Note: FCC KDB Publication 616217 D04v01r02 Section 6 was used as a guideline for selecting SAR test distances for this device when being used in proximity use conditions.

2. Power Reduction Verification for WLAN Antenna

This device utilizes a power reduction mechanism for WLAN Antenna wireless modes for SAR compliance under some conditions when the device is being used in close proximity to the user's hand. All SAR evaluations for this device were performed at the maximum allowed output Power when Proximity Sensor is activated. FCC KDB Publication 616217D04v01r02 section 6 was used as a guideline for selection SAR test distances for this device when being used in proximity sensor used conditions. For detailed measurement conducted power results, please refer to the Section 11 of SAR Report

* Distance between BT/WIFI/GPS/Ant+ Antenna and edge



2.1 Power Verification Procedure for WLAN Ant.

The Power verification was performed according to the following procedure:

Power Reduction Verification for WLAN mode

Mechanism(s)	Mode/Band	Conducted Power (dBm)	
		Un-triggered(Max Power)	Triggered (Reduced Power)
Proximity sensor On	2.4 GHz 802.11b	18.02	12.46
Proximity sensor On	2.4 GHz 802.11g	18.22	12.43
Proximity sensor On	2. 4GHz 802.11n (1ch)	16.83	12.3
Proximity sensor On	2. 4GHz 802.11n(2ch -11ch)	18.06	12.36
Proximity sensor On	5 GHz 802.11a (UNII-1)	16.07	9.14
Proximity sensor On	5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	17.17	9.13
Proximity sensor On	5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	16.18	9.14
Proximity sensor On	5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	17.15	9.06
Proximity sensor On	5 GHz 802.11n 40MHz (UNII-1 38ch)	16.01	9.19
Proximity sensor On	5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.94	9.08
Proximity sensor On	5 GHz 802.11ac 20MHz	17.09	9.13
Proximity sensor On	5 GHz 802.11ac 40MHz (UNII-1 38ch)	16.17	9.19
Proximity sensor On	5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.81	9.07
Proximity sensor On	5 GHz 802.11ac 80MHz (UNII-1)	15.87	9.24
Proximity sensor On	5 GHz 802.11ac 80MHz (UNII-2A)	14.87	9.41
Proximity sensor On	5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	16.93	9.29

2.2 Procedures for determining proximity sensor triggering distances

(KDB 616217 D04v01r02 §6.2)

The distance verification procedure was performed according to the following procedure:

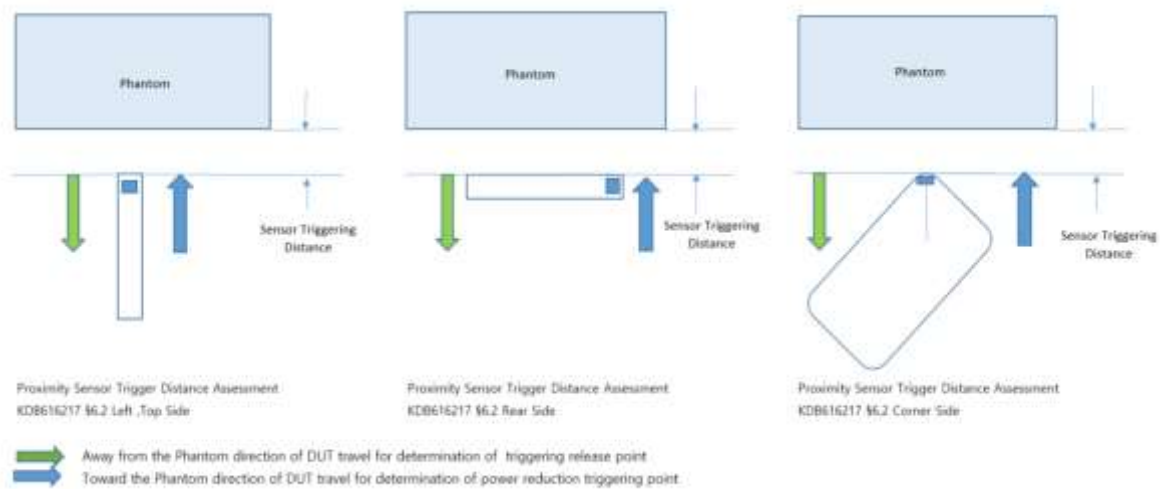
A base station simulator was used to establish an RF connection and to monitor the power levels. The device being tested was placed below the relevant section of the phantom with the relevant side or edge of the device facing toward the phantom.

The device was moved toward and away from the phantom to determine the distance at which the mechanism triggers and the output power is reduced, per KDB Publication 616217 D04v01r02. Each applicable test position was evaluated. The distance was conformed to be the same or larger (more conservative) than the minimum distances provided by the manufacturer.

Step 1 and 2 were repeated for the relevant modes, as appropriate

Steps 1 through 3 were repeated for all distance-based power reduction mechanisms.

For detailed measurement conducted power results, please refer to the Section .11



Tissue simulating Liquid	Trigger distance - Rear		Trigger distance - Top		Trigger distance - Left side		Trigger distance - Left corner	
	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom	Moving toward phantom	Moving away from phantom
2 450 MHz Muscle	9	15	10	15	7	9	7	9
5 000 MHz Muscle	9	15	10	15	7	9	7	9

Distance Measurement verification for Proximity sensor

Rear side – EUT Moving toward (trigger) to the Phantom

Distance	Distance to DUT Output power (dBm)									
	14	13	12	11	10	9	8	7	6	5
2.4 GHz 802.11b	18.08	17.96	18.02	18.04	18.01	12.57	12.55	12.44	12.58	12.5
2.4 GHz 802.11g	18.3	18.22	18.28	18.16	18.25	12.37	12.38	12.45	12.52	12.37
2. 4GHz 802.11n (1ch)	16.73	16.8	16.73	16.83	16.79	12.36	12.35	12.35	12.29	12.4
2. 4GHz 802.11n(2ch -11ch)	18.08	18.1	18.1	17.97	18.08	12.4	12.3	12.37	12.28	12.42
5 GHz 802.11a (UNII-1)	16.04	16.17	16.11	15.99	16.09	9.18	9.1	9.12	9.2	9.02
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	17.08	17.11	17.24	17.07	17.26	9.09	9.09	9.13	8.96	9.01
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	16.12	16.08	16.22	16.08	16.19	9.16	9.15	9.04	9.14	9.14
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	17.24	17.08	17.15	17.17	17.07	8.96	8.95	9.06	8.96	9
5 GHz 802.11n 40MHz (UNII-1 38ch)	16.11	15.97	16.11	16.05	15.92	9.09	9.08	9.19	9.15	9.22
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.91	16.92	16.91	16.85	16.86	9.06	9.12	9.12	9.06	9
5 GHz 802.11ac 20MHz	16.89	16.9	16.9	16.96	16.93	9.09	9.14	9.07	9.06	9.15
5 GHz 802.11ac 40MHz (UNII-1 38ch)	16.21	16.14	16.09	16.27	16.26	9.28	9.12	9.15	9.31	9.12
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.89	16.91	16.8	16.76	16.76	9.14	9.07	9.09	9.05	9.09
5 GHz 802.11ac 80MHz (UNII-1)	15.92	15.87	15.95	15.88	15.78	9.14	9.23	9.27	9.17	9.18
5 GHz 802.11ac 80MHz (UNII-2A)	14.9	14.89	14.77	14.9	14.82	9.41	9.34	9.27	9.23	9.25
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	16.9	16.98	16.88	16.96	16.84	9.28	9.22	9.2	9.26	9.18

Rear side – EUT Moving away (Release) from the Phantom

Distance	Distance to DUT Output power (dBm)									
	11	12	13	14	15	16	17	18	19	20
2.4 GHz 802.11b	12.43	12.43	12.5	12.47	12.45	18.15	18.08	18.13	18.01	18.07
2.4 GHz 802.11g	12.44	12.37	12.41	12.52	12.54	18.28	18.26	18.23	18.14	18.28
2.4GHz 802.11n (1ch)	12.42	12.27	12.38	12.43	12.45	16.89	16.84	16.78	16.81	16.87
2.4GHz 802.11n(2ch -11ch)	12.42	12.39	12.27	12.33	12.37	18.15	18.16	18.1	18.02	18.04
5 GHz 802.11a (UNII-1)	9.13	9.12	9.09	9.16	9.1	16.05	16.12	16.12	16.12	16.14
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	9.15	9.07	9.13	9	8.96	17.24	17.12	17.09	17.21	17.08
5 GHz 802.11n 20MHz (UNII-1/UNII-2A 52ch)	9.05	9.12	9	9.18	9.11	16.11	16.16	16.08	16.15	16.1
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	9	9.06	8.99	9.06	9.02	17.1	17.05	17.24	17.06	17.07
5 GHz 802.11n 40MHz (UNII-1 38ch)	9.12	9.15	9.2	9.27	9.17	16.07	16.03	15.99	15.92	16.11
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9.01	9.05	9.18	8.99	9.18	17.01	16.98	16.91	16.88	16.92
5 GHz 802.11ac 20MHz	9.09	9.21	9.21	9.17	9.15	16.97	16.85	16.87	16.95	17
5 GHz 802.11ac 40MHz (UNII-1 38ch)	9.19	9.24	9.19	9.29	9.23	16.11	16.1	16.1	16.06	16.25
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9	9.08	9.18	9.04	9.08	16.71	16.72	16.71	16.71	16.84
5 GHz 802.11ac 80MHz (UNII-1)	9.24	9.19	9.17	9.13	9.11	15.78	15.85	15.95	15.9	15.85
5 GHz 802.11ac 80MHz (UNII-2A)	9.27	9.36	9.36	9.21	9.38	14.9	14.88	14.88	14.83	14.87
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	9.17	9.17	9.27	9.32	9.35	16.87	17.01	16.93	16.84	16.87

Based on the most conservative measured triggering distance of 9 mm, additional Body SAR measurements were required at 8 mm from Rear side for the above modes.

Top side – EUT Moving toward (trigger) to the Phantom

Distance	Distance to DUT Output power (dBm)									
	15	14	13	12	11	10	9	8	7	6
2.4 GHz 802.11b	18.01	18	18.1	18.12	18.01	12.49	12.48	12.46	12.51	12.6
2.4 GHz 802.11g	18.3	18.17	18.2	18.27	18.32	12.5	12.53	12.46	12.56	12.4
2.4GHz 802.11n (1ch)	16.88	16.89	16.93	16.82	16.79	12.36	12.33	12.3	12.26	12.32
2.4GHz 802.11n (2ch -11ch)	17.98	17.99	18	18.15	18.12	12.31	12.27	12.31	12.37	12.23
5 GHz 802.11a (UNII-1)	16.17	16.13	16.07	16.06	16.07	9.13	9.18	9.15	9.13	9.01
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	17.26	17.11	17.09	17.14	17.25	9.06	8.97	9.05	9.15	9.06
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	16.15	16.27	16.16	16.11	16.22	9.07	9.13	9.16	8.98	9.15
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	17.12	17.13	17.23	17.23	17.2	9.15	9.15	8.99	8.99	9.02
5 GHz 802.11n 40MHz (UNII-1 38ch)	16.05	16.07	16.09	16.06	16.02	9.09	9.19	9.18	9.21	9.12
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.98	16.9	16.85	16.92	17.02	9.15	9.04	9.16	9.16	9.04
5 GHz 802.11ac 20MHz	16.84	16.97	17.04	16.97	17	9.11	9.18	9.21	9.15	9.15
5 GHz 802.11ac 40MHz (UNII-1 38ch)	16.21	16.14	16.12	16.2	16.25	9.15	9.2	9.31	9.31	9.32
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.76	16.87	16.75	16.82	16.89	9.01	9.18	9.08	9.13	9.16
5 GHz 802.11ac 80MHz (UNII-1)	15.79	15.94	15.97	15.92	15.9	9.2	9.26	9.26	9.12	9.18
5 GHz 802.11ac 80MHz (UNII-2A)	14.93	14.87	14.86	14.84	14.8	9.27	9.25	9.22	9.22	9.29
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	16.99	17.03	17.03	16.86	16.83	9.22	9.36	9.25	9.19	9.29

Top side – EUT Moving away (Release) from the Phantom

Distance	Distance to DUT Output power (dBm)									
	11	12	13	14	15	16	17	18	19	20
2.4 GHz 802.11b	12.55	12.61	12.51	12.55	12.42	18.11	18.11	17.95	18.05	17.94
2.4 GHz 802.11g	12.37	12.47	12.49	12.43	12.39	18.29	18.27	18.17	18.19	18.14
2.4GHz 802.11n (1ch)	12.3	12.27	12.29	12.38	12.39	16.74	16.83	16.88	16.77	16.75
2.4GHz 802.11n (2ch -11ch)	12.27	12.39	12.37	12.28	12.33	18	18.11	18.14	18.01	18.15
5 GHz 802.11a (UNII-1)	9.16	9.01	9.21	9.18	9.04	16.06	16.02	16.14	16.11	16.12
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	9.13	9.05	9.09	9	8.97	17.09	17.16	17.18	17.08	17.16
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	9.08	9.08	9.09	9.18	8.98	16.27	16.21	16.17	16.11	16.14
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	8.99	9.12	9.1	8.99	9.15	17.06	17.12	17.25	17.11	17.13
5 GHz 802.11n 40MHz (UNII-1 38ch)	9.09	9.23	9.17	9.17	9.11	16.07	16.1	16.1	16.11	15.96
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9	9.06	8.98	9.03	9.13	17.02	16.85	17.03	16.96	16.87
5 GHz 802.11ac 20MHz	9.19	9.07	9.11	9.04	9.13	16.87	16.88	16.97	16.93	16.9
5 GHz 802.11ac 40MHz (UNII-1 38ch)	9.16	9.19	9.15	9.28	9.17	16.11	16.21	16.15	16.25	16.09
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	8.99	9.11	9.04	9.12	8.99	16.8	16.89	16.8	16.84	16.71
5 GHz 802.11ac 80MHz (UNII-1)	9.18	9.16	9.16	9.12	9.12	15.88	15.8	15.95	15.83	15.89
5 GHz 802.11ac 80MHz (UNII-2A)	9.26	9.37	9.28	9.22	9.26	14.78	14.96	14.77	14.85	14.77
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	9.36	9.17	9.2	9.25	9.19	16.86	16.9	17.02	16.9	16.84

Based on the most conservative measured triggering distance of 10 mm, additional Body SAR measurements were required at 9 mm from Rear side for the above modes.

Left side – EUT Moving toward (trigger) to the Phantom

Distance	Distance to DUT Output power (dBm)									
	12	11	10	9	8	7	6	5	4	3
2.4 GHz 802.11b	18.01	17.95	18.07	18	18	12.56	12.44	12.44	12.48	12.6
2.4 GHz 802.11g	18.26	18.29	18.24	18.19	18.22	12.43	12.49	12.53	12.41	12.42
2.4GHz 802.11n (1ch)	16.83	16.86	16.74	16.84	16.81	12.4	12.44	12.35	12.41	12.46
2.4GHz 802.11n(2ch -11ch)	18.13	18.14	17.96	17.98	18.14	12.34	12.4	12.26	12.39	12.29
5 GHz 802.11a (UNII-1)	16.06	16.07	16.14	16.08	16.14	9.04	9.1	9.02	9.04	9.04
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	17.12	17.17	17.15	17.19	17.23	8.97	9.03	9.12	8.99	8.96
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	16.12	16.1	16.15	16.1	16.18	9.08	9.13	9.09	9.15	9.03
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	17.2	17.05	17.07	17.1	17.08	9.15	9	9.1	8.99	9.14
5 GHz 802.11n 40MHz (UNII-1 38ch)	15.94	16.05	15.95	15.93	16.08	9.22	9.27	9.2	9.1	9.14
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	17.02	17.03	16.95	16.88	16.88	9.16	8.98	9.14	9.05	9.08
5 GHz 802.11ac 20MHz	16.92	17.03	17.03	16.9	16.92	9.17	9.15	9.07	9.09	9.07
5 GHz 802.11ac 40MHz (UNII-1 38ch)	16.07	16.18	16.08	16.2	16.08	9.18	9.12	9.12	9.16	9.12
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.77	16.75	16.74	16.76	16.79	9.11	9.1	9.03	9.08	9.17
5 GHz 802.11ac 80MHz (UNII-1)	15.87	15.92	15.95	15.92	15.78	9.12	9.16	9.26	9.1	9.27
5 GHz 802.11ac 80MHz (UNII-2A)	14.88	14.88	14.97	14.88	14.92	9.25	9.41	9.39	9.38	9.26
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	16.85	17.02	16.87	16.85	16.97	9.18	9.25	9.36	9.37	9.22

Left side – EUT Moving away (Release) from the Phantom

Distance	Distance to DUT Output power (dBm)									
	5	6	7	8	9	10	11	12	13	14
2.4 GHz 802.11b	12.56	12.43	12.57	12.6	12.62	18.08	18.06	18.04	17.99	17.99
2.4 GHz 802.11g	12.42	12.36	12.45	12.55	12.38	18.31	18.27	18.17	18.17	18.22
2. 4GHz 802.11n (1ch)	12.34	12.37	12.32	12.39	12.44	16.91	16.9	16.77	16.82	16.91
2. 4GHz 802.11n(2ch -11ch)	12.42	12.36	12.43	12.27	12.36	18.04	18	18.13	18.07	18.02
5 GHz 802.11a (UNII-1)	9.06	9.14	9.16	9.12	9.11	16.13	16.11	16.05	16.08	15.97
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	9.08	9.12	9.15	9.03	8.99	17.14	17.22	17.2	17.14	17.15
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	8.98	9.11	9.08	9.13	9.09	16.2	16.27	16.09	16.12	16.25
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	9.01	9.13	8.97	9	9.05	17.2	17.07	17.11	17.07	17.17
5 GHz 802.11n 40MHz (UNII-1 38ch)	9.18	9.2	9.16	9.13	9.09	15.99	15.91	15.94	16.07	15.93
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9.15	9.14	9.07	9.17	9.06	16.88	16.85	16.98	16.91	17.04
5 GHz 802.11ac 20MHz	9.19	9.08	9.17	9.11	9.17	16.85	17.01	16.91	16.95	16.99
5 GHz 802.11ac 40MHz (UNII-1 38ch)	9.25	9.3	9.22	9.25	9.31	16.17	16.2	16.13	16.2	16.22
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9.18	9.01	8.99	9.02	9.14	16.88	16.88	16.89	16.71	16.9
5 GHz 802.11ac 80MHz (UNII-1)	9.26	9.1	9.18	9.14	9.25	15.95	15.97	15.84	15.84	15.93
5 GHz 802.11ac 80MHz (UNII-2A)	9.38	9.34	9.23	9.39	9.31	14.87	14.77	14.96	14.77	14.89
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	9.21	9.2	9.24	9.26	9.25	16.89	17	16.97	16.96	16.91

Based on the most conservative measured triggering distance of 7 mm, additional Body SAR measurements were required at 6 mm from Rear side for the above modes.

Left Corner side – EUT Moving toward (trigger) to the Phantom

Distance	Distance to DUT Output power (dBm)									
	12	11	10	9	8	7	6	5	4	3
2.4 GHz 802.11b	18.06	18.09	18.1	18.09	17.98	12.47	12.52	12.56	12.49	12.44
2.4 GHz 802.11g	18.32	18.24	18.22	18.22	18.21	12.51	12.39	12.45	12.55	12.45
2. 4GHz 802.11n (1ch)	16.91	16.86	16.78	16.78	16.89	12.26	12.33	12.43	12.3	12.3
2. 4GHz 802.11n(2ch -11ch)	18	18.15	18.06	17.98	18.05	12.41	12.4	12.4	12.28	12.23
5 GHz 802.11a (UNII-1)	16.07	16.06	16.15	16.1	16	9.09	9.19	9.04	9.02	9.16
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	17.17	17.27	17.09	17.08	17.1	9.05	9.08	8.96	9.03	9.04
5 GHz 802.11n 20MHz (UNII-1/UNI-2A 52ch)	16.21	16.15	16.12	16.2	16.14	9.1	9.16	9.05	8.98	9.17
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	17.16	17.24	17.2	17.16	17.07	9.12	8.96	9.13	9.15	8.98
5 GHz 802.11n 40MHz (UNII-1 38ch)	15.97	15.91	16.02	16.02	16.07	9.17	9.23	9.18	9.07	9.2
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	17	16.88	16.84	16.93	16.9	9.11	9.1	8.98	9.04	9.12
5 GHz 802.11ac 20MHz	16.91	16.88	16.95	16.99	16.94	9.04	9.14	9.08	9.13	9.02
5 GHz 802.11ac 40MHz (UNII-1 38ch)	16.14	16.23	16.12	16.23	16.19	9.31	9.19	9.21	9.31	9.27
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	16.81	16.9	16.72	16.87	16.86	9.04	9.11	9.13	9.09	9.12
5 GHz 802.11ac 80MHz (UNII-1)	15.88	15.97	15.92	15.77	15.85	9.23	9.18	9.18	9.22	9.09
5 GHz 802.11ac 80MHz (UNII-2A)	14.92	14.93	14.8	14.97	14.83	9.28	9.28	9.22	9.41	9.24
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	16.88	16.95	16.95	16.98	17	9.3	9.23	9.23	9.3	9.3

Left Corner side – EUT Moving away (Release) from the Phantom

Distance	Distance to DUT Output power (dBm)									
	5	6	7	8	9	10	11	12	13	14
2.4 GHz 802.11b	12.46	12.44	12.61	12.43	12.55	17.95	18.12	17.96	18.08	18.03
2.4 GHz 802.11g	12.38	12.45	12.54	12.41	12.42	18.18	18.17	18.14	18.23	18.3
2.4GHz 802.11n (1ch)	12.29	12.31	12.43	12.33	12.45	16.82	16.78	16.79	16.86	16.86
2.4GHz 802.11n(2ch -11ch)	12.25	12.24	12.34	12.23	12.29	18.12	18.15	18	17.99	18
5 GHz 802.11a (UNII-1)	9.16	9.04	9.11	9.05	9.03	16.09	16.02	16	16.02	16.07
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	8.99	9.1	9.08	9.16	9.13	17.11	17.14	17.08	17.15	17.19
5 GHz 802.11n 20MHz (UNII-1/UNII-2A 52ch)	9.05	8.98	9.17	9.12	9.14	16.15	16.09	16.27	16.26	16.25
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	9.14	9.12	9.12	9.03	9.05	17.24	17.14	17.13	17.07	17.12
5 GHz 802.11n 40MHz (UNII-1 38ch)	9.15	9.1	9.16	9.21	9.11	16.01	16.11	15.94	15.97	15.95
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9.18	8.98	9.06	8.98	9.17	17.04	16.98	17.02	17.02	16.91
5 GHz 802.11ac 20MHz	9.06	9.11	9.01	9.17	9.1	16.9	16.97	16.97	17.02	17.04
5 GHz 802.11ac 40MHz (UNII-1 38ch)	9.16	9.22	9.24	9.16	9.14	16.15	16.13	16.2	16.1	16.26
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	9.13	9.08	9.09	9.07	9.09	16.8	16.83	16.86	16.9	16.84
5 GHz 802.11ac 80MHz (UNII-1)	9.27	9.16	9.26	9.28	9.21	15.79	15.77	15.91	15.81	15.96
5 GHz 802.11ac 80MHz (UNII-2A)	9.22	9.21	9.31	9.24	9.23	14.82	14.82	14.92	14.89	14.82
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	9.35	9.19	9.35	9.36	9.24	16.93	16.92	16.96	16.94	16.98

Based on the most conservative measured triggering distance of 7 mm, additional Body SAR measurements were required at 6 mm from Rear side for the above modes.

2.3 Proximity Sensor Coverage for SAR measurements

(KDB 616217 D04v01r02 §6.3)

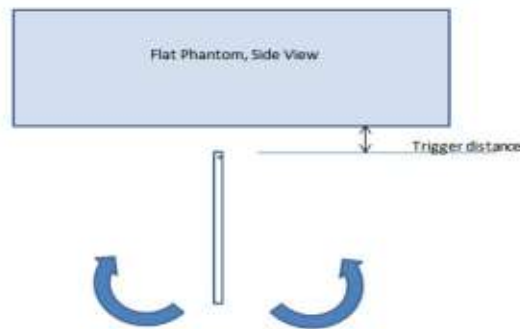
As there is no spatial offset between the antenna and the proximity sensor element, proximity sensor coverage did not need to be assessed.

2.4 Proximity Sensor Tilt Angle Assessment

(KDB 616217 D04v01r02 §6.4)

The DUT was positioned directly below the flat phantom at the minimum measured trigger distance with Top/Left side parallel to the base of the flat phantom for each band.

The EUT was rotated about Bottom side for angles up to $\pm 45^\circ$. If the output power increased during the rotation the DUT was moved 1mm toward the phantom and the rotation repeated. This procedure was repeated until the power remained reduced for all angles up to $\pm 45^\circ$.



Proximity sensor tilt angle assessment (Bottom side) KDB 616217 §6.4

Summary of Tablet Tilt Angle influence to Proximity Sensor Triggering (Top side)

Band (MHz)	Minimum distance at which power reduction was maintained over- 45°	Power reduction status										
		-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
2.4 GHz 802.11b	10 mm	12.45	12.55	12.59	12.49	12.52	12.52	12.47	12.44	12.6	12.49	12.48
2.4 GHz 802.11g	10 mm	12.48	12.39	12.5	12.36	12.37	12.44	12.49	12.47	12.38	12.37	12.5
2.4GHz 802.11n (1ch)	10 mm	12.43	12.29	12.46	12.26	12.32	12.27	12.32	12.37	12.37	12.28	12.46
2.4GHz 802.11n(2ch -11ch)	10 mm	12.42	12.24	12.4	12.3	12.27	12.24	12.34	12.35	12.26	12.33	12.27
5 GHz 802.11a (UNII-1)	10 mm	9.12	9.2	9.21	9.05	9.11	9.16	9.16	9.06	9.21	9.19	9.05
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	10 mm	9.13	9	8.98	9.04	9.13	8.97	8.98	9.1	9.03	9.1	9.09
5 GHz 802.11n 20MHz (UNII-1/UNII-2A 52ch)	10 mm	9.16	9.08	9.05	9	9.04	9.09	9.03	9.01	9	9.02	9.1
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	10 mm	9.02	9.07	9.05	9.15	8.98	8.95	9.09	9.06	9.06	9.12	9.07
5 GHz 802.11n 40MHz (UNII-1 38ch)	10 mm	9.1	9.07	9.11	9.09	9.27	9.25	9.18	9.22	9.11	9.26	9.15
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	10 mm	9.01	9.07	9.16	9.01	9.13	9.17	9.15	8.99	9.11	9.04	8.98
5 GHz 802.11ac 20MHz	10 mm	9.19	9.03	9.18	9.03	9.21	9.17	9.11	9.09	9.21	9.02	9.08
5 GHz 802.11ac 40MHz (UNII-1 38ch)	10 mm	9.24	9.29	9.28	9.27	9.23	9.29	9.21	9.17	9.27	9.3	9.2
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	10 mm	8.99	9.07	9.04	9.05	9.07	9.19	9.15	9.15	9.03	9.17	9.01
5 GHz 802.11ac 80MHz (UNII-1)	10 mm	9.11	9.12	9.14	9.27	9.22	9.27	9.18	9.18	9.09	9.22	9.25
5 GHz 802.11ac 80MHz (UNII-2A)	10 mm	9.41	9.23	9.37	9.27	9.31	9.31	9.37	9.3	9.33	9.31	9.25
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	10 mm	9.19	9.19	9.35	9.18	9.29	9.29	9.21	9.36	9.29	9.33	9.23

Summary of Tablet Tilt Angle influence to Proximity Sensor Triggering (Left side)

Band (MHz)	Minimum distance at which power reduction was maintained over- 45°	Power reduction status										
		-45°	-40°	-30°	-20°	-10°	0°	10°	20°	30°	40°	45°
2.4 GHz 802.11b	7 mm	12.43	12.59	12.55	12.42	12.52	12.46	12.46	12.59	12.54	12.57	12.48
2.4 GHz 802.11g	7 mm	12.41	12.52	12.45	12.52	12.45	12.41	12.42	12.56	12.5	12.44	12.41
2.4GHz 802.11n (1ch)	7 mm	12.42	12.3	12.4	12.4	12.42	12.39	12.41	12.27	12.42	12.37	12.45
2.4GHz 802.11n(2ch - 11ch)		12.41	12.27	12.27	12.42	12.34	12.35	12.34	12.35	12.28	12.28	12.29
5 GHz 802.11a (UNII-1)	7 mm	9.06	9.21	9.15	9.06	9.07	9.2	9.02	9.21	9.02	9.1	9.03
5 GHz 802.11a (UNII-2A/ UNII-2C/ UNII-3)	7 mm	9.05	9.1	9.11	9.09	9.13	9.13	9.01	9.11	9.03	9.12	9.03
5 GHz 802.11n 20MHz (UNII-1/UNII-2A 52ch)	7 mm	9.14	9.08	9.02	9.18	9.03	9.1	8.98	9.15	9.13	9.13	9.12
5 GHz 802.11n 20MHz (UNII-2A/UNII-2C/ UNII-3)	7 mm	9.02	9.07	8.97	9.07	8.97	9.06	9.07	9.01	9.02	9.1	8.97
5 GHz 802.11n 40MHz (UNII-1 38ch)	7 mm	9.12	9.26	9.14	9.17	9.12	9.16	9.19	9.15	9.14	9.24	9.15
5 GHz 802.11n 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	7 mm	9.11	9.06	9.13	9.14	9.09	9.11	8.98	9	9.08	9.17	9.04
5 GHz 802.11ac 20MHz	7 mm	9.11	9.04	9.07	9.11	9.12	9.07	9.14	9.02	9.2	9.05	9.1
5 GHz 802.11ac 40MHz (UNII-1 38ch)	7 mm	9.18	9.26	9.15	9.14	9.3	9.29	9.28	9.12	9.29	9.3	9.22
5 GHz 802.11ac 40MHz (UNII-1/UNII-2A/ UNII-2C/ UNII-3)	7 mm	9.18	9.15	9.14	9.01	9.03	9.05	9.06	9.02	9.13	9.12	9.19
5 GHz 802.11ac 80MHz (UNII-1)	7 mm	9.08	9.22	9.28	9.1	9.11	9.15	9.12	9.12	9.28	9.17	9.28
5 GHz 802.11ac 80MHz (UNII-2A)	7 mm	9.28	9.21	9.34	9.22	9.4	9.38	9.32	9.25	9.26	9.33	9.36
5 GHz 802.11ac 80MHz (UNII-2C/ UNII-3)	7 mm	9.24	9.24	9.26	9.2	9.32	9.3	9.3	9.19	9.25	9.22	9.19

2.5 Resulting test positions for Tablet SAR measurements

Wireless technologies	Position	§6.2 Triggering Distance	§6.3 Coverage	§6.4 Tilt Angle	Worst case distance for Tablet SAR
WLAN 2.4 GHz/ 5 GHz	Rear	9	N/A	N/A	8
	Top Side	10	N/A	10	9
	Left Side	7	N/A	N/A	6
	Left Conner	7	N/A	N/A	6

Note: FCC KDB Publication 616217 D04v01r02 Section 6 was used as a guideline for selecting SAR test distances for this device when being used in proximity use conditions.