

- SAR test configuration regarding KDB 447498

No.	Capable Tx Configurations	Body SAR Test Distance(s) in mm					Hot Spot	Note
		Back	Left Edge	Right Edge	Bottom Edge	Top Edge		
1	GPRS/EDGE 850 MHz	O*	X	O	X	O*	-	Standalone GPRS/EDGE
2	GPRS/EDGE 1900 MHz	O*	X	O	X	O*	-	Standalone GPRS/EDGE
3	WCDMA/HSPA 850 MHz	O*	X	O	X	O*	-	Standalone WCDMA/HSPA
4	WCDMA/HSPA 1900 MHz	O*	X	O	X	O*	-	Standalone WCDMA/HSPA
5	LTE Band17 700 MHz	O*	X	O	X	O*	-	Standalone LTE Band17
6	LTE Band4 1750 MHz	O*	X	O	X	O*	-	Standalone LTE Band4
7	2.4 GHz WIFI	O	O	X	X	O	-	Standalone WIFI
8	5 GHz WIFI	N/A	N/A	N/A	N/A	N/A	N/A	Not supported
9	GPRS/EDGE 850 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	GPRS/EDGE 850 WIFI Hotspot
10	GPRS/EDGE 1900 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	GPRS/EDGE 1900 WIFI Hotspot
11	WCDMA/HSPA 850 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	WCDMA/HSPA 850 WIFI Hotspot
12	WCDMA/HSPA 1900 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	WCDMA/HSPA 1900 WIFI Hotspot
13	LTE Band17 700 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	LTE Band17 700 WIFI Hotspot
14	LTE Band4 1750 MHz + 2.4 GHz WIFI	O*	O	O	X	O*	yes	LTE Band4 1750 WIFI Hotspot
15	GPRS/EDGE + 5 GHz WIFI	N/A	N/A	N/A	N/A	N/A	N/A	Not supported
16	WCDMA/HSPA + 5 GHz WIFI	N/A	N/A	N/A	N/A	N/A	N/A	Not supported
17	LTE + 5 GHz WIFI	N/A	N/A	N/A	N/A	N/A	N/A	Not supported

Note 1. Asterisk(*) denotes power back off activated.
2. X=SAR Testing not required per KDB 447498

- Additional SAR test configuration regarding TCB workshop material in 2011 Oct

No.	Capable Tx Configurations	Body SAR Test Distance(s) in mm					Hot Spot	Note
		Back	Left Edge	Right Edge	Bottom Edge	Top Edge		
1	GPRS/EDGE 850 MHz	10	x	x	x	9	-	Standalone GPRS/EDGE
2	GPRS/EDGE 1900 MHz	10	x	x	x	9	-	Standalone GPRS/EDGE
3	WCDMA/HSPA 850 MHz	10	x	x	x	9	-	Standalone WCDMA/HSPA
4	WCDMA/HSPA 1900 MHz	10	x	x	x	9	-	Standalone WCDMA/HSPA
5	LTE Band17 700 MHz	10	x	x	x	9	-	Standalone LTE Band17
6	LTE Band4 1750 MHz	10	x	x	x	9	-	Standalone LTE Band4
7	GPRS/EDGE 850 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	GPRS/EDGE 850 WIFI Hotspot
8	GPRS/EDGE 1900 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	GPRS/EDGE 1900 WIFI Hotspot
9	WCDMA/HSPA 850 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	WCDMA/HSPA 850 WIFI Hotspot
10	WCDMA/HSPA 1900 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	WCDMA/HSPA 1900 WIFI Hotspot
11	LTE Band17 700 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	LTE Band17 700 WIFI Hotspot
12	LTE Band4 1750 MHz + 2.4 GHz WIFI	10	x	x	X	9	yes	LTE Band4 1750 WIFI Hotspot

Note 1. According to the TCB workshop material in 2011 April, a conservative additional test distance of 10mm from the back was tested for SAR at the full power, with the back sensor de-activated. Also, a conservative additional test distance of 5mm from the top edge was chosen to test SAR at full power with the top sensor de-activated.
2. X=SAR Testing not required because sensor is not applicable.
3. Sensors are de-activated for full power SAR test.
4. The chosen conservative test distance of 10mm from the back side is based on the de-activation proximity sensor distance based on the reliability data. The data shows that the proximity sensor is guaranteed to activate at a distance of 10mm. Please see operational description for further details.
5. The chosen conservative test distance of 5mm from the top edge is based on the de-activation proximity sensor distance based on the reliability data. The data shows that the proximity sensor is guaranteed to activate at a distance of 5mm. Please see operational description for further details.