

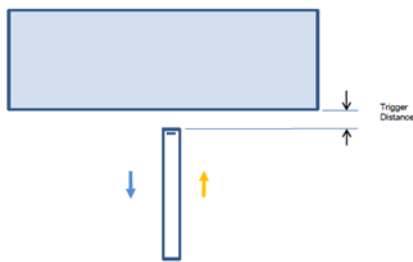
Proximity sensor verification

The general

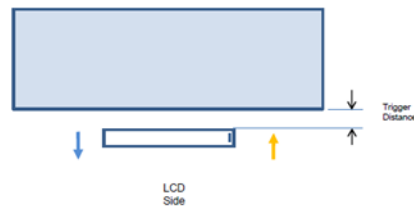
We confirmed the sensor trigger distance of FZ-G2

Proximity Sensor Triggering distance from KDB 616217 Section 6.2

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 Section 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 measurement was then repeated for the Rear surface.



Proximity Sensor Trigger Distance Assessment
Edge 4



Proximity Sensor Trigger Distance Assessment
Rear

Tissue simulating liquid	Trigger distance - Edge 4		Trigger distance - Rear		Trigger distance – Rear Tilt(Edge4 side)	
	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom	Moving toward phantom	Moving from phantom
750/900 1750/1900/2400 muscle	20 mm	20 mm	10 mm	10 mm	10 mm	10 mm

Unit : mm

【Test distance】

Edge 4 : 750/900 /1750/1900/2400 muscle 19 mm

Rear : 750/900/1750/1900/2400 muscle 9 mm

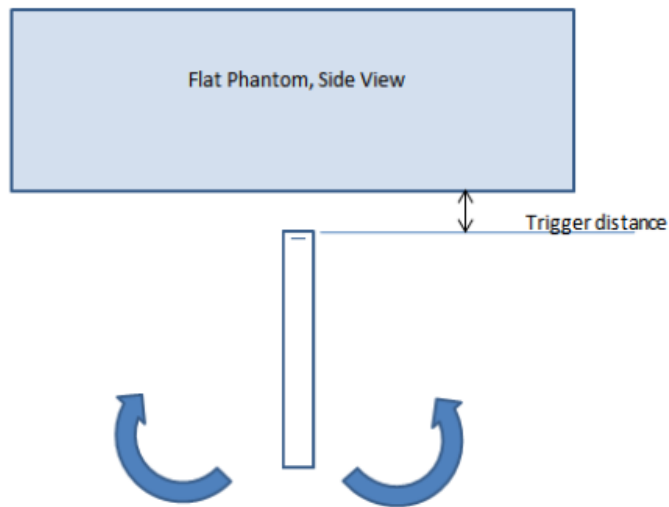
Rear Tilt (Edge4 side) : 750/900/1750/1900/2400 muscle 9 mm

Proximity Sensor Coverage from KDB 616217 Section 6.3

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

Proximity Sensor Tilt Angle from KDB 616217 Section 6.4

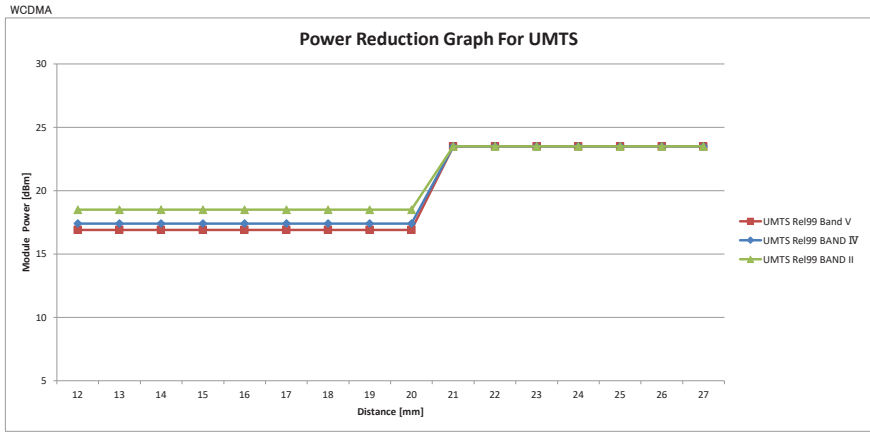
The DUT was positioned directly below the flat phantom at the minimum measured trigger distance with edge 4 parallel to the base of the flat phantom. The DUT was rotated in both directions about edge 4. The proximity sensor remained triggered with the DUT positioned at the minimum measured trigger distance from the phantom for all angles up to 45°



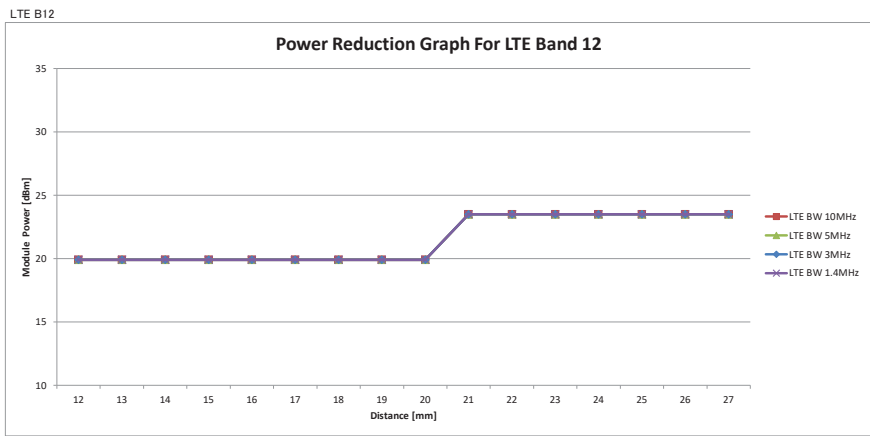
Verification Equipment list

Model	Manufacturer
BLAPV1 - Block LAP Phantom V1	Schmid & Partner Engineering
Two-Axis/Four-Axis Stage Controller(SHOT-204MS)	SIGMA KOKI Co.,Ltd

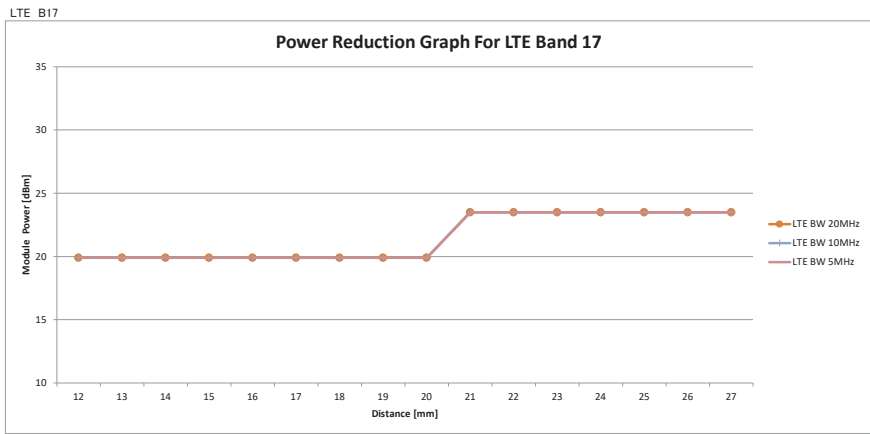
Edge 4 - Moving from phantom



	Coverage Step UMTS															
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
UMTS Rel99 Band V	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	23.5	23.5	23.5	23.5	23.5	23.5
UMTS Rel99 BAND IV	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	23.5	23.5	23.5	23.5	23.5	23.5
UMTS Rel99 BAND II	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	23.5	23.5	23.5	23.5	23.5	23.5

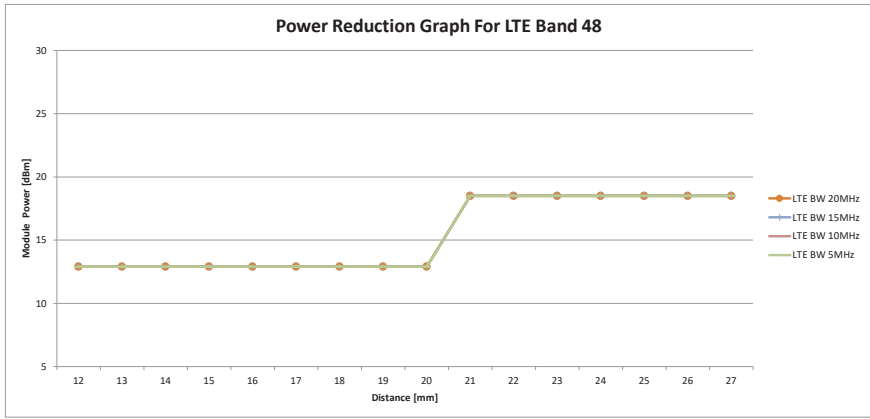


	Coverage Step LTE Band 12															
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 5MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 3MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 1.4MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5



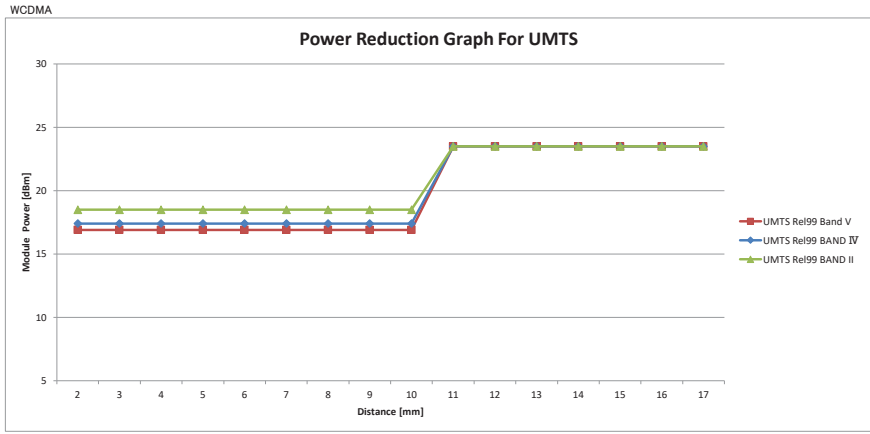
	Coverage Step LTE Band 17															
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 10MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 5MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5

LTE B48

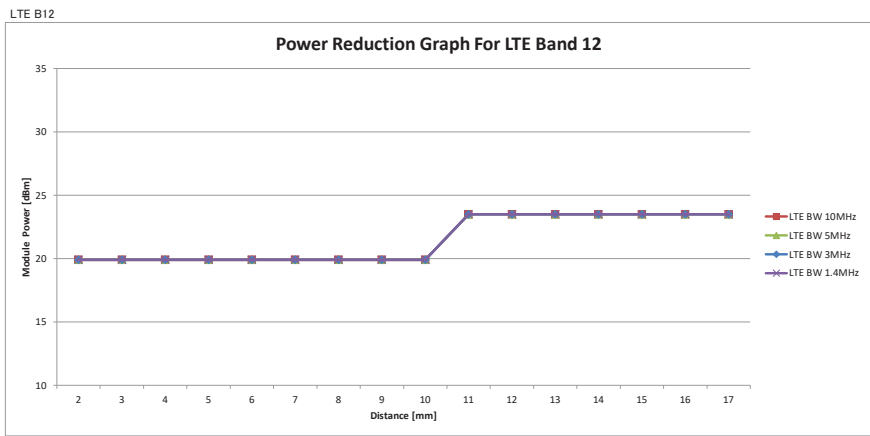


	Coverage Step LTE Band 48															
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	18.5	18.5	18.5	18.5	18.5	18.5
LTE BW 15MHz	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	18.5	18.5	18.5	18.5	18.5	18.5
LTE BW 10MHz	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	18.5	18.5	18.5	18.5	18.5	18.5
LTE BW 5MHz	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	18.5	18.5	18.5	18.5	18.5	18.5

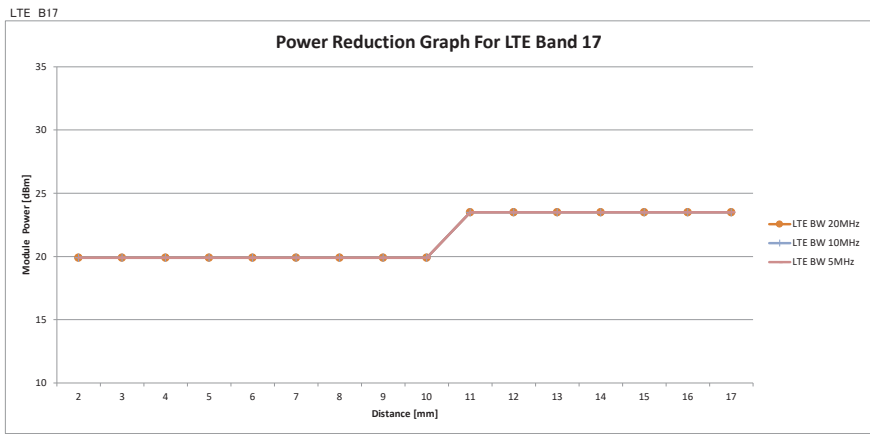
Rear/Rear Tilt - Moving from phantom



	Coverage Step UMTS																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
UMTS Rel99 Band V	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	23.5	23.5	23.5	23.5	23.5	23.5	
UMTS Rel99 BAND IV	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	23.5	23.5	23.5	23.5	23.5	23.5	
UMTS Rel99 BAND II	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	23.5	23.5	23.5	23.5	23.5	23.5	

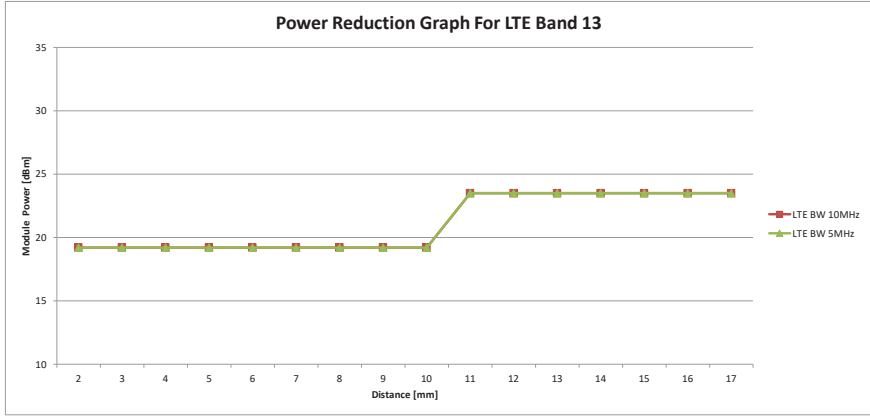


	Coverage Step LTE Band 12																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	
LTE BW 5MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	
LTE BW 3MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	
LTE BW 1.4MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	



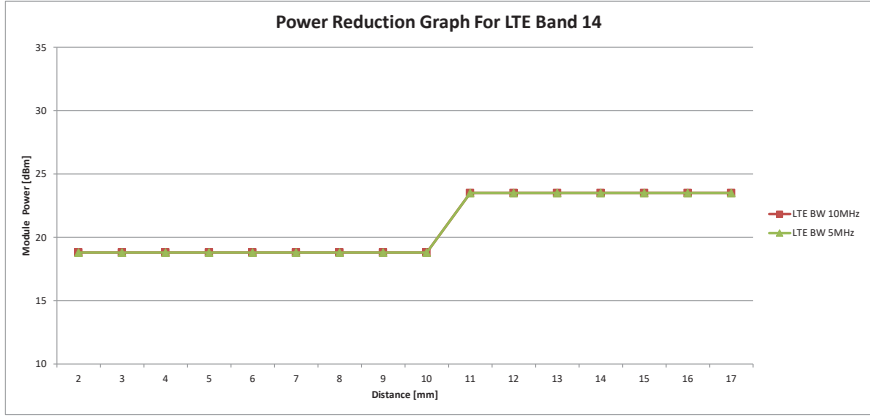
	Coverage Step LTE Band 17																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 20MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	
LTE BW 10MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	
LTE BW 5MHz	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	23.5	23.5	23.5	23.5	23.5	23.5	

LTE B13



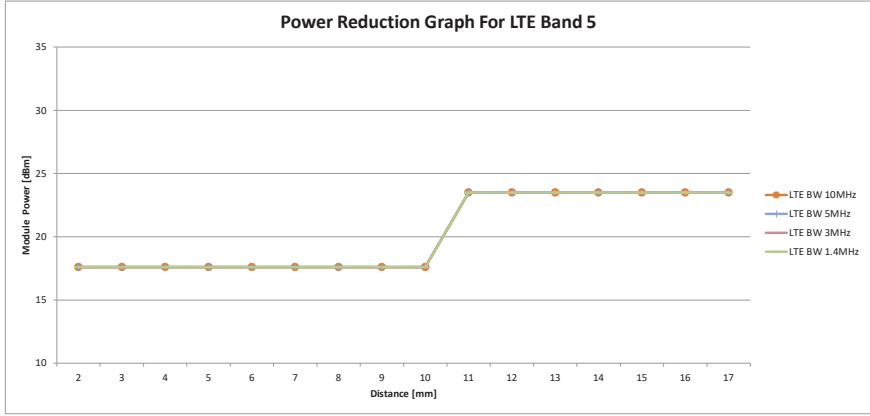
Coverage Step LTE Band 13																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 5MHz	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	23.5	23.5	23.5	23.5	23.5	23.5

LTE B14



Coverage Step LTE Band 14																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 5MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23.5	23.5	23.5	23.5	23.5	23.5

LTE B5



Coverage Step LTE Band 5																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 5MHz	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 3MHz	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	23.5	23.5	23.5	23.5	23.5
LTE BW 1.4MHz	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	23.5	23.5	23.5	23.5	23.5

