

## Appendix C Proximity Sensor Triggering

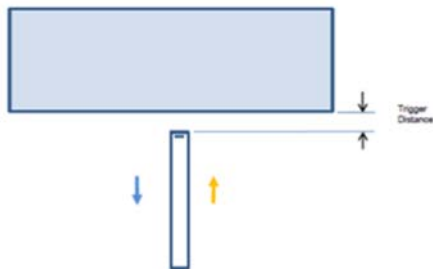
### C.1.1 The general

We confirmed the sensor trigger distance of FZ-G2(mk3).

Proximity Sensor Triggering distance from KDB 616217 Section 6.2

Edge 1 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 measurement was then repeated for the Bottom surface.



Proximity Sensor Trigger Distance Assessment  
KDB 616217 §6.2, **Edge 1**



Proximity Sensor Trigger Distance Assessment  
KDB 616217 §6.2, **Bottom**

tissue-equivalent media	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
Head Tissue Simulating Liquid	20 mm	20 mm	10 mm	10 mm	10 mm	10 mm

Unit : mm

【Test distance】

Edge 4 : 19 mm

Rear : 9 mm

Rear Tilt (Edge4 side) : 9 mm

#### C.1.2 Proximity Sensor Coverage from KDB 616217 Section 6.3

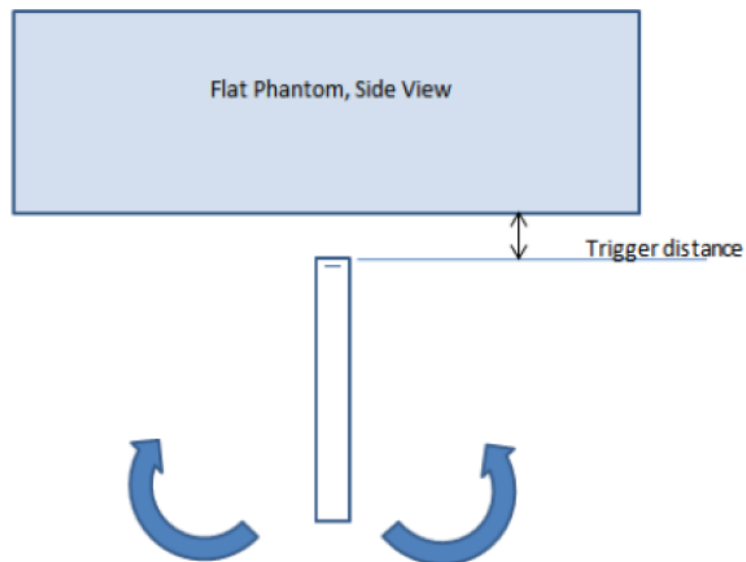
As there is no spatial offset between the antenna and the proximity sensor element, except on the display side of the antenna, proximity sensor coverage did not need to be assessed.

#### Proximity Sensor Tilt Angle from KDB 616217 Section 6.4

The EUT was positioned directly below the flat phantom at the minimum measured trigger distance with edge 1 and 3 parallel to the base of the flat phantom for each band.

The EUT was rotated in both directions about edge 1 and 3.

The proximity sensor remained triggered with the EUT positioned at the minimum measured trigger distance from the phantom for all angles up to 45°



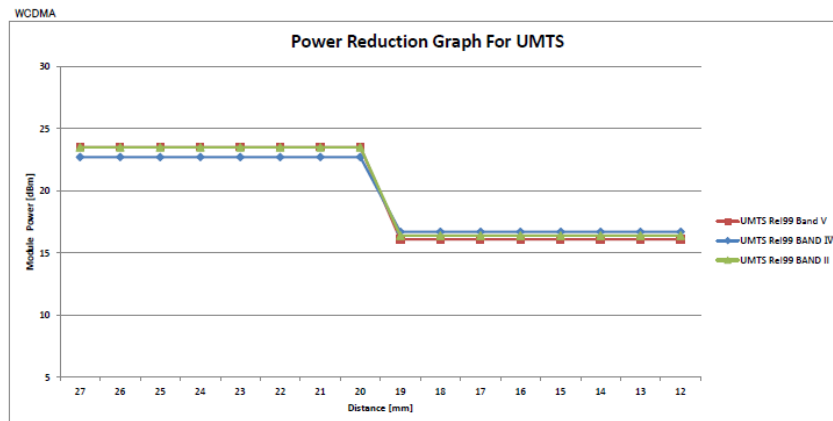
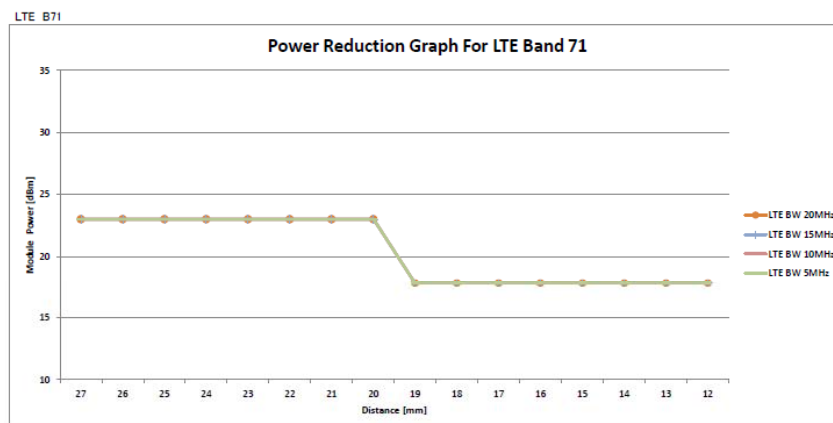
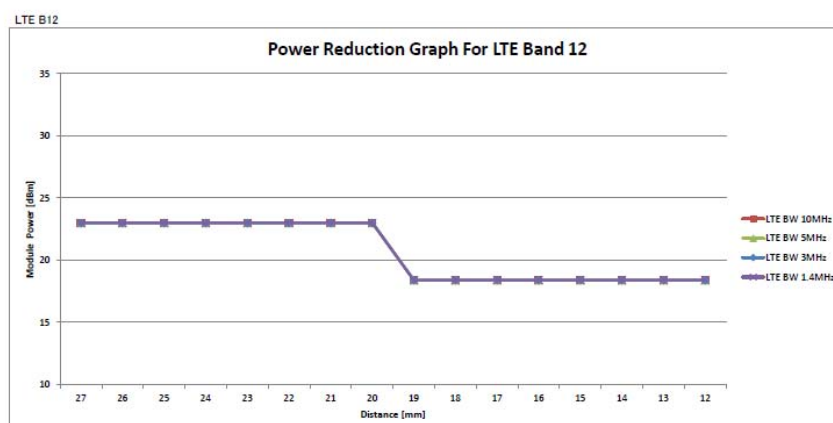
#### C.1.3 Sensor Location

##### WWAN #1 Antenna & Proximity sensor

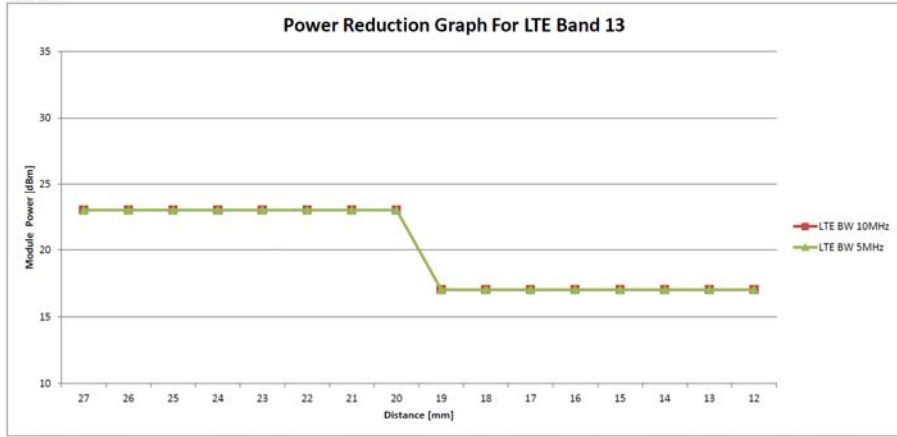
Detail of operation modes for Proximity Sensor for WWAN

	Proximity sensor detection						
	Edge1	Edge2	Edge3	Edge4	Rear	Rear Tilt (Edge4 side)	Rear Tilt (Edge2 side)
Tablet	No	No	No	Yes	Yes	Yes	No
Laptop	No	No	No	No	No	No	No

#### C.1.4.1 Edge4

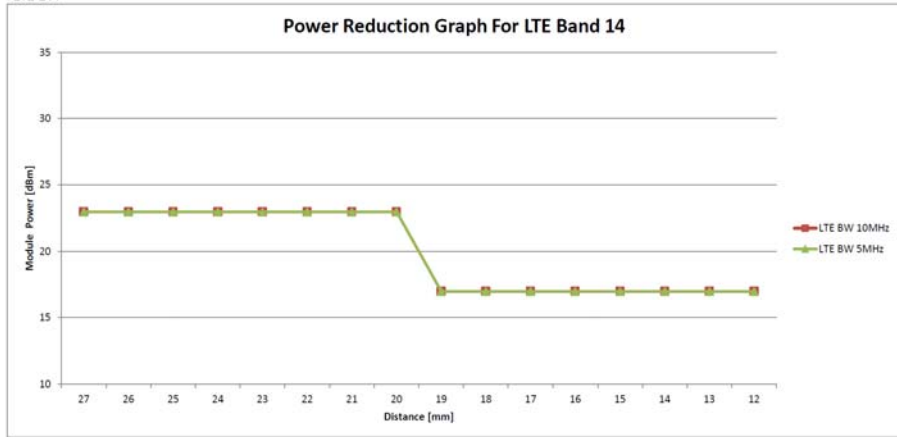
[illegible][illegible][illegible]

LTE B13



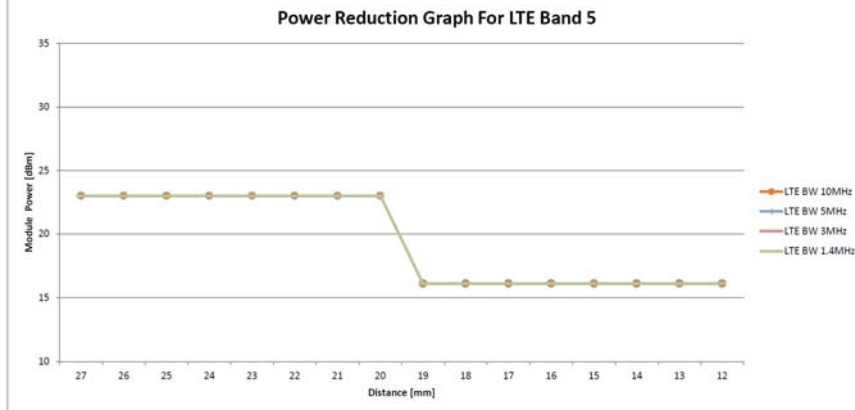
Coverage Step LTE Band 13													
Distance	27	26	25	24	23	22	21	20	19	18	17	16	15
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON
LTE BW 10MHz	23	23	23	23	23	23	23	23	17	17	17	17	17
LTE BW 5MHz	23	23	23	23	23	23	23	23	17	17	17	17	17

LTE B14

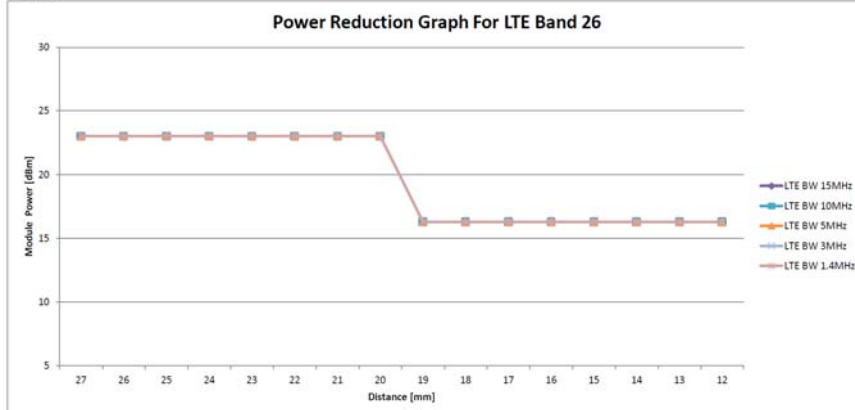


Coverage Step LTE Band 14													
Distance	27	26	25	24	23	22	21	20	19	18	17	16	15
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON
LTE BW 10MHz	23	23	23	23	23	23	23	23	17	17	17	17	17
LTE BW 5MHz	23	23	23	23	23	23	23	23	17	17	17	17	17

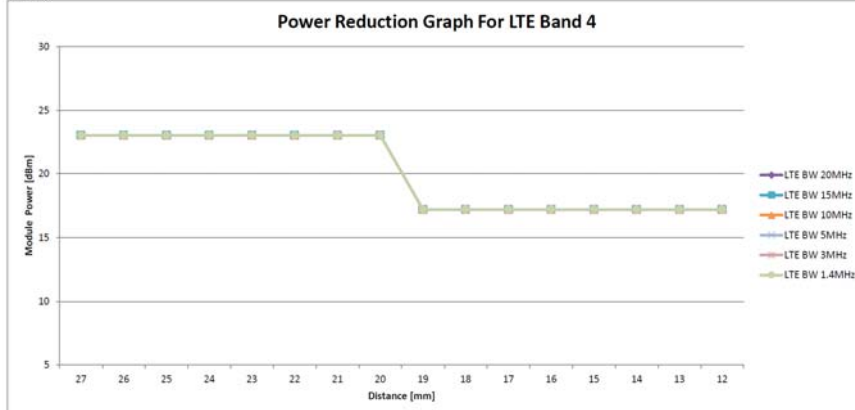
LTE B5

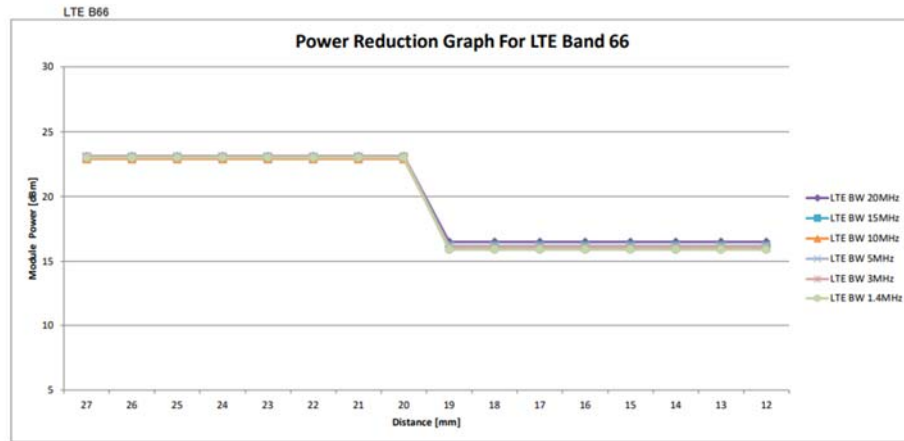
[illegible]

LTE B26

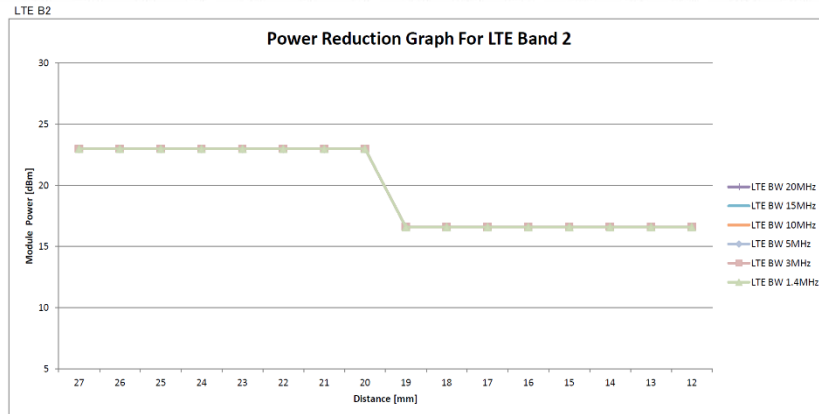
[illegible]

LTE B4

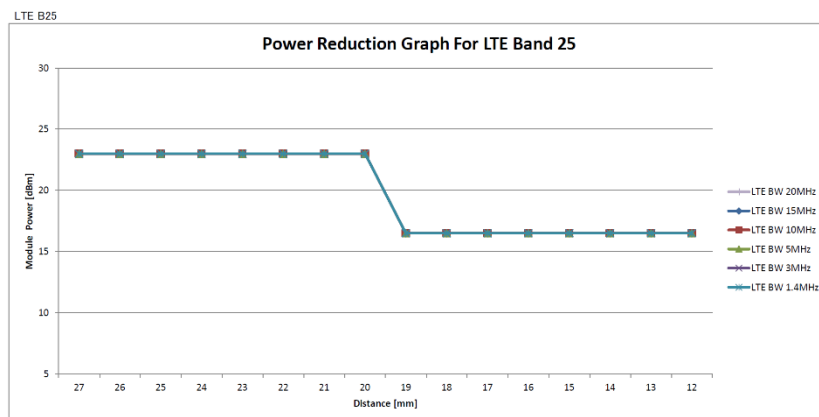
[illegible]



	Coverage Step LTE Band 66															
Distance	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON
LTE BW 20MHz	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
LTE BW 15MHz	23	23	23	23	23	23	23	23	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
LTE BW 10MHz	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
LTE BW 5MHz	23	23	23	23	23	23	23	23	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
LTE BW 3MHz	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
LTE BW 1.4MHz	23	23	23	23	23	23	23	23	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9



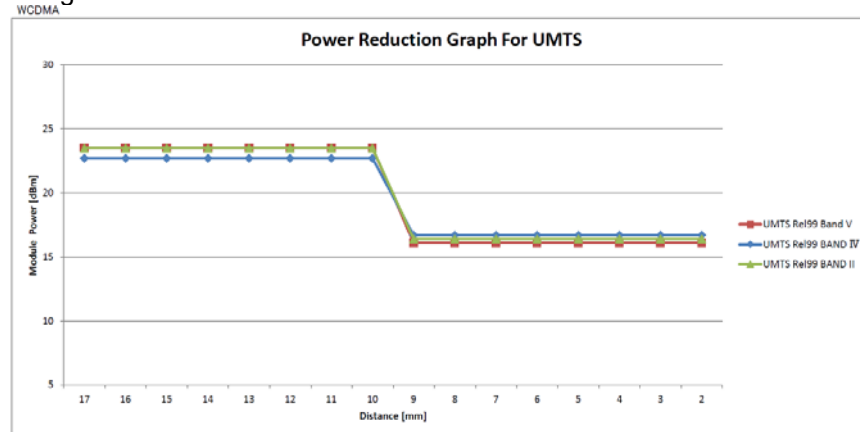
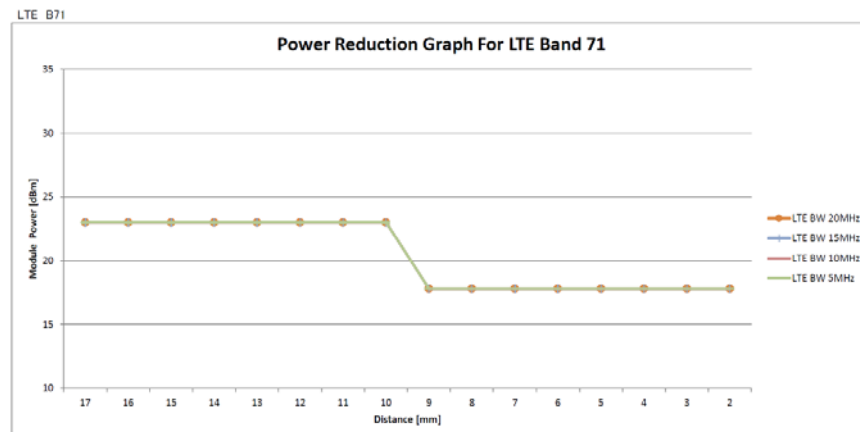
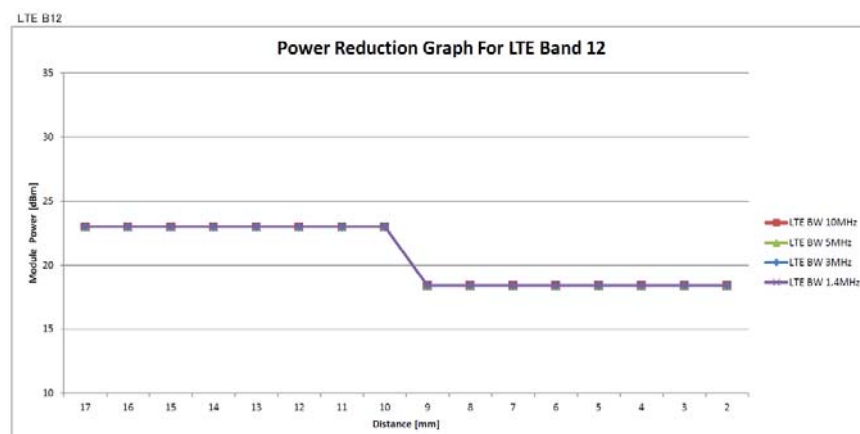
		Coverage Step LTE Band 2																	
Distance	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11		
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON		
LTE BW 20MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		
LTE BW 15MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		
LTE BW 10MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		
LTE BW 5MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		
LTE BW 3MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		
LTE BW 1.4MHz	23	23	23	23	23	23	23	23	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6		



		Coverage Step LTE Band 25															
Distance	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON	
LTE BW 20MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
LTE BW 15MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
LTE BW 10MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
LTE BW 5MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
LTE BW 3MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
LTE BW 1.4MHz	23	23	23	23	23	23	23	23	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	



#### C.1.4.2 Rear/Rear Tilt Edge4 side

[illegible][illegible][illegible]



**Power Reduction Graph For LTE Band 13**

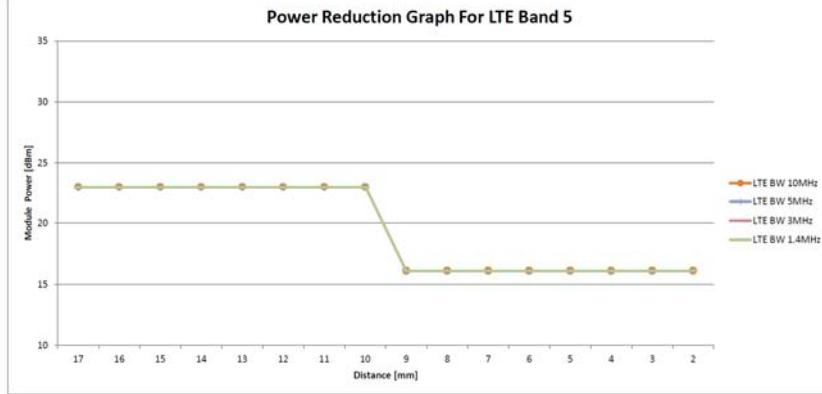
Distance [mm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]
17	23.5	23.5
16	23.5	23.5
15	23.5	23.5
14	23.5	23.5
13	23.5	23.5
12	23.5	23.5
11	23.5	23.5
10	23.5	23.5
9	17.2	17.2
8	17.2	17.2
7	17.2	17.2
6	17.2	17.2
5	17.2	17.2
4	17.2	17.2
3	17.2	17.2
2	17.2	17.2

**Power Reduction Graph For LTE Band 14**

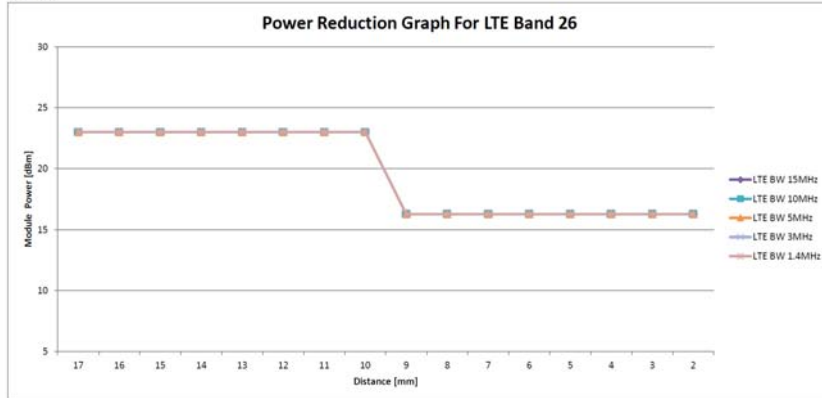
Distance [mm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]
17	23.5	23.5
16	23.5	23.5
15	23.5	23.5
14	23.5	23.5
13	23.5	23.5
12	23.5	23.5
11	23.5	23.5
10	23.5	23.5
9	17.0	17.0
8	17.0	17.0
7	17.0	17.0
6	17.0	17.0
5	17.0	17.0
4	17.0	17.0
3	17.0	17.0
2	17.0	17.0

[illegible]

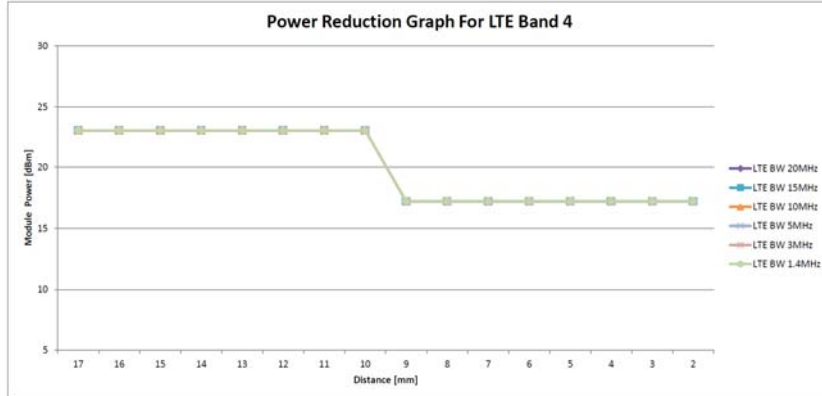
LTE B5

[illegible]

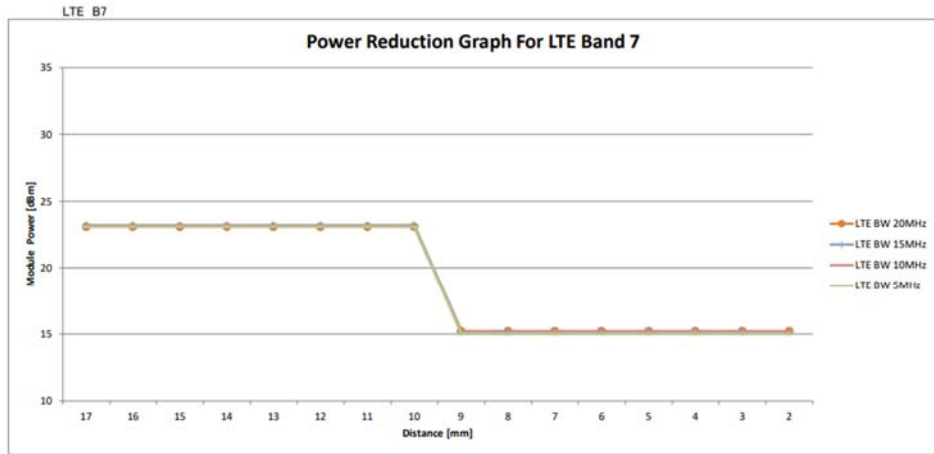
LTE B26

[illegible]

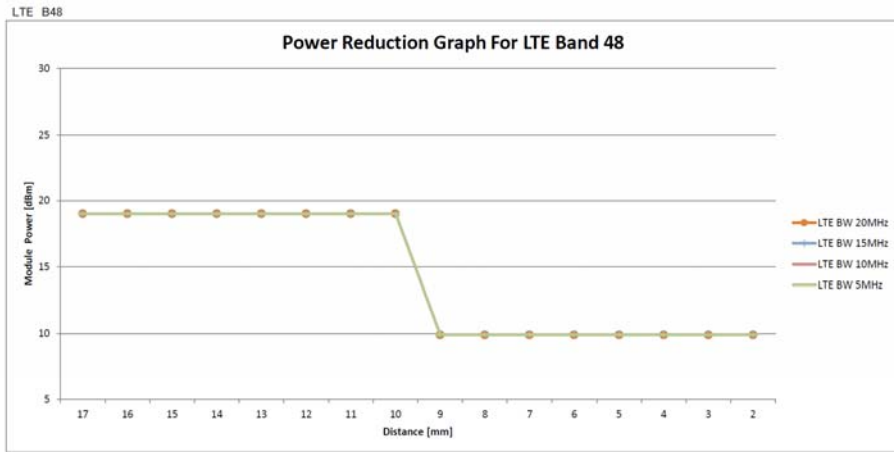
**LTE B4**

[illegible]

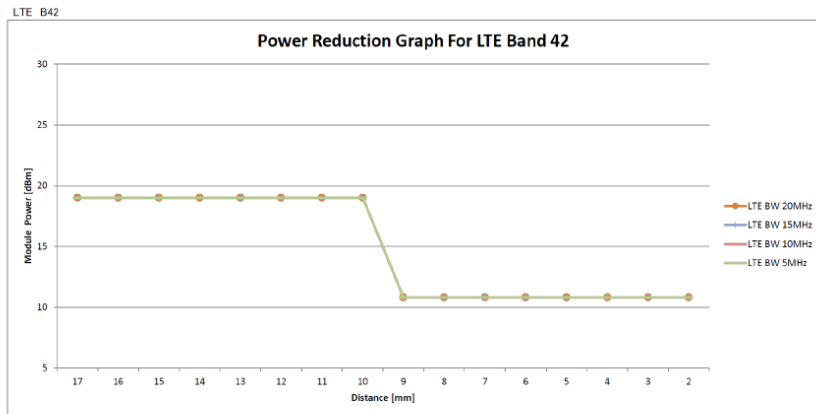




Coverage Step LTE Band 7																			
Distance	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2			
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON			
LTE BW 20MHz	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2			
LTE BW 15MHz	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2			
LTE BW 10MHz	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2			
LTE BW 5MHz	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	15	15	15	15	15	15	15	15			



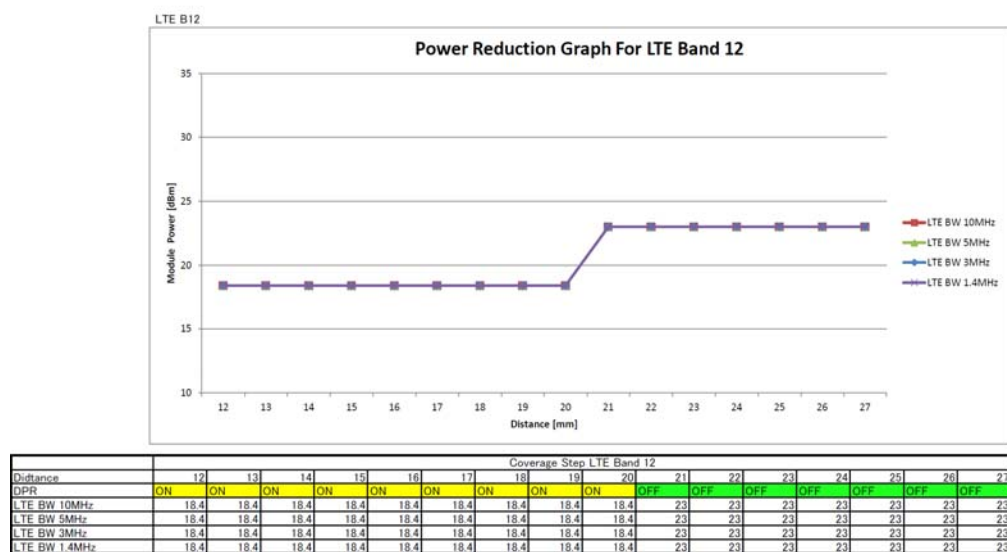
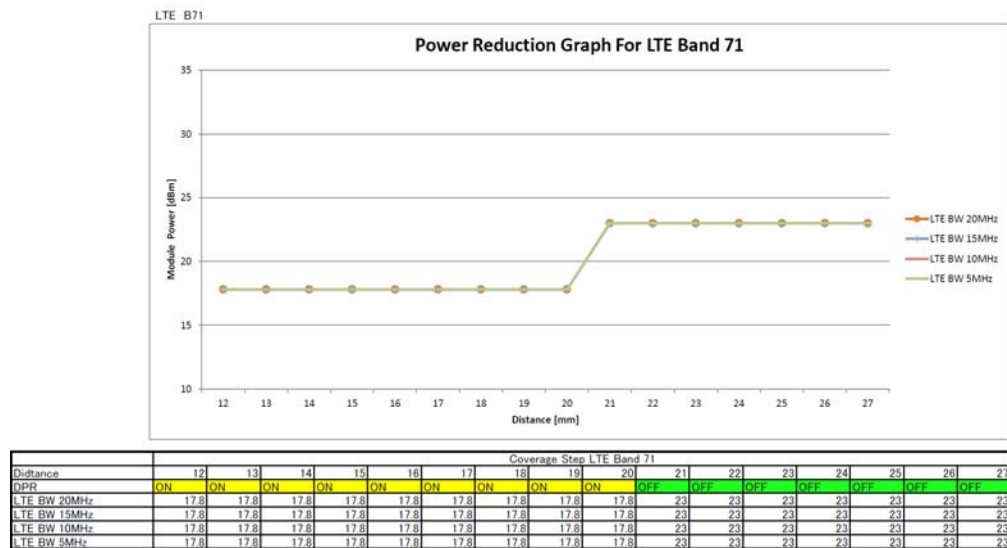
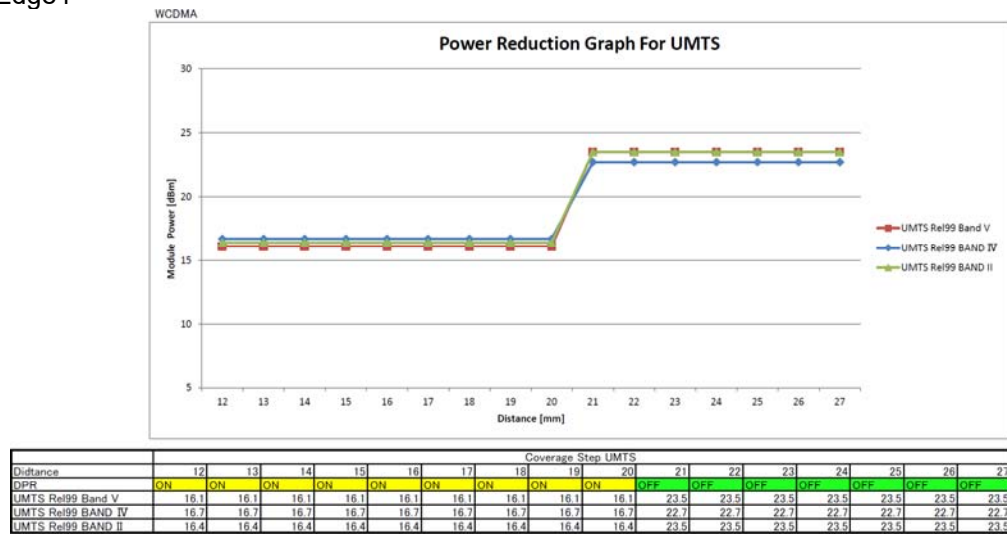
Coverage Step LTE Band 48																			
Distance	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2			
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON			
LTE BW 20MHz	19	19	19	19	19	19	19	19	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9			
LTE BW 15MHz	19	19	19	19	19	19	19	19	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9			
LTE BW 10MHz	19	19	19	19	19	19	19	19	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9			
LTE BW 5MHz	19	19	19	19	19	19	19	19	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9			



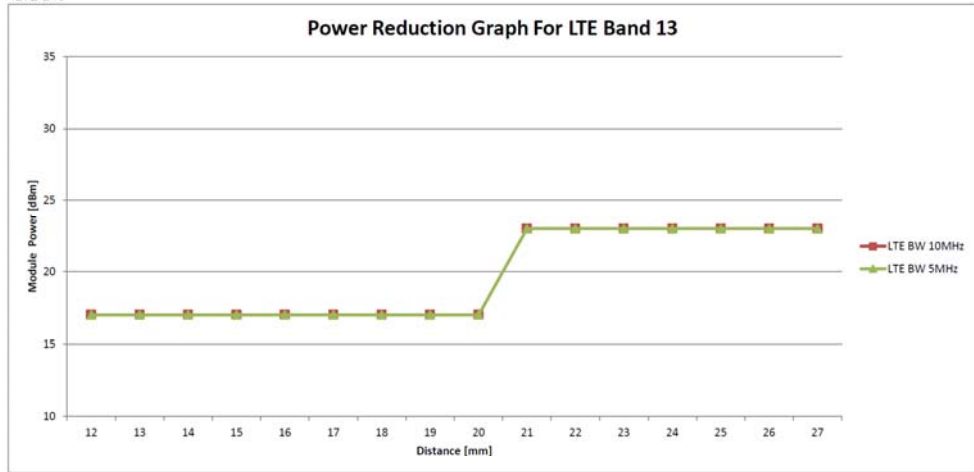
Coverage Step LTE Band 42																			
Distance	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2			
DPR	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON			
LTE BW 20MHz	19	19	19	19	19	19	19	19	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8			
LTE BW 15MHz	19	19	19	19	19	19	19	19	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8			
LTE BW 10MHz	19	19	19	19	19	19	19	19	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8			
LTE BW 5MHz	19	19	19	19	19	19	19	19	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8			

## C.1.5 Product moving from the phantom

### C.1.5.1 Edge4

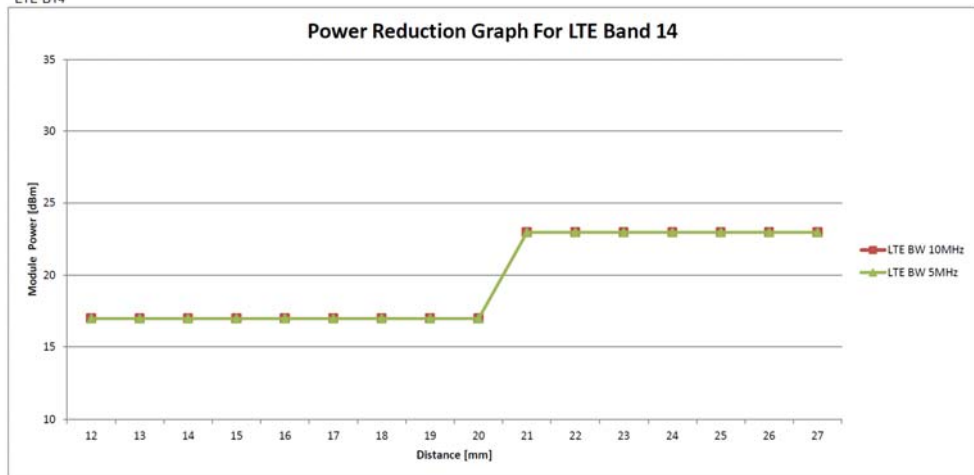


LTE B13



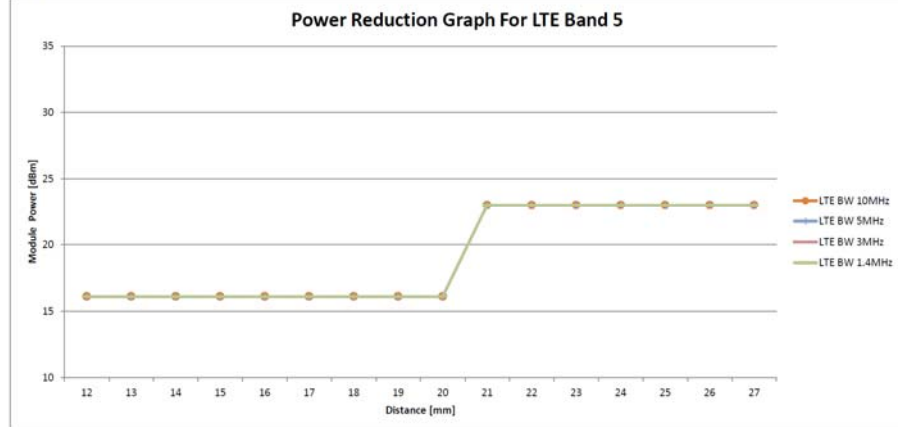
Coverage Step LTE Band 13																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23
LTE BW 5MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23

LTE B14



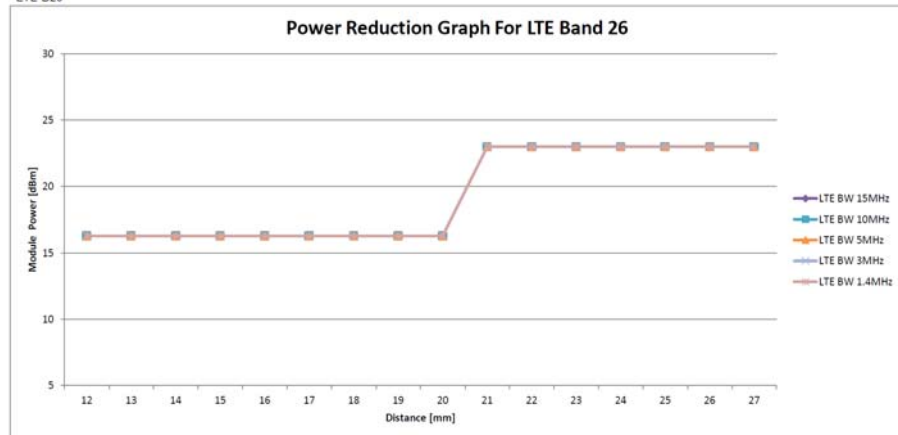
Coverage Step LTE Band 14																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23
LTE BW 5MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23

LTE B5



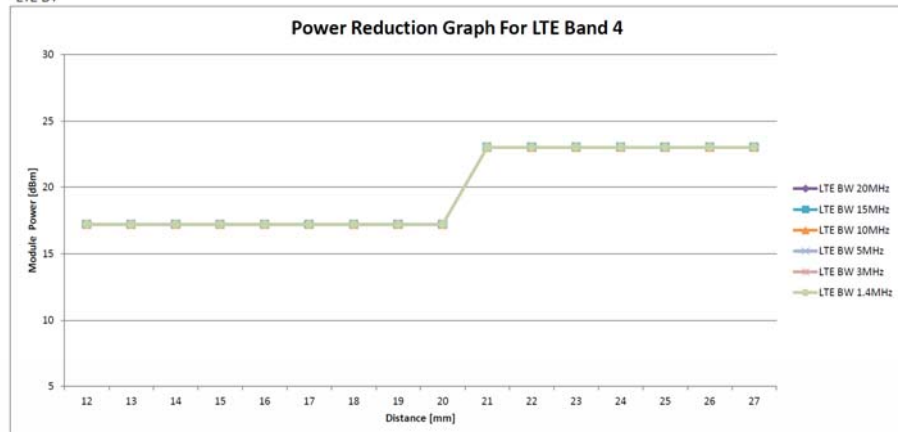
	Coverage Step LTE Band 5																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 5MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 3MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 1.4MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	

LTE B26



		Coverage Step LTE Band 26																										
Distance		12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27											
QPR		ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF											
LTE BW 15MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23											
LTE BW 10MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23											
LTE BW 5MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23											
LTE BW 3MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23											
LTE BW 1.4MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23											

LTE B4



		Coverage Step LTE Band 4																										
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	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											
LTE BW 15MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											
LTE BW 10MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											
LTE BW 5MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											
LTE BW 3MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											
LTE BW 1.4MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23											



**Power Reduction Graph For LTE Band 66**

The graph illustrates the power reduction in dB as a function of distance in mm for various LTE bandwidths. The x-axis represents Distance [mm] from 12 to 27, and the y-axis represents Power Reduction [dB] from 0 to 10. All bandwidths show a consistent power reduction of approximately 1.5 dB from 12 mm to 20 mm. At 21 mm, there is a significant increase in power reduction, with all bandwidths reaching a plateau between 8.5 dB and 9.0 dB for the remaining distances.

Distance [mm]	LTE BW 20MHz	LTE BW 15MHz	LTE BW 10MHz	LTE BW 5MHz	LTE BW 3MHz	LTE BW 1.4MHz
12	1.5	1.5	1.5	1.5	1.5	1.5
13	1.5	1.5	1.5	1.5	1.5	1.5
14	1.5	1.5	1.5	1.5	1.5	1.5
15	1.5	1.5	1.5	1.5	1.5	1.5
16	1.5	1.5	1.5	1.5	1.5	1.5
17	1.5	1.5	1.5	1.5	1.5	1.5
18	1.5	1.5	1.5	1.5	1.5	1.5
19	1.5	1.5	1.5	1.5	1.5	1.5
20	1.5	1.5	1.5	1.5	1.5	1.5
21	8.8	8.8	8.8	8.8	8.8	8.8
22	8.8	8.8	8.8	8.8	8.8	8.8
23	8.8	8.8	8.8	8.8	8.8	8.8
24	8.8	8.8	8.8	8.8	8.8	8.8
25	8.8	8.8	8.8	8.8	8.8	8.8
26	8.8	8.8	8.8	8.8	8.8	8.8
27	8.8	8.8	8.8	8.8	8.8	8.8

Distance	Coverage Step LTE Band 66																										
	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	ON	OFF	OFF	OFF	OFF	OFF	OFF											
LTE BW 20MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23.1	23.1	23.1	23.1	23.1	23.1											
LTE BW 15MHz	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	23	23	23	23	23	23											
LTE BW 10MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9											
LTE BW 5MHz	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	23	23	23	23	23	23	23											
LTE BW 3MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1											
LTE BW 1.4MHz	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	23	23	23	23	23	23	23											

**Power Reduction Graph For LTE Band 2**

Distance [mm]	LTE BW 20MHz	LTE BW 15MHz	LTE BW 10MHz	LTE BW 5MHz	LTE BW 3MHz	LTE BW 1.4MHz
12	16.5	16.5	16.5	16.5	16.5	16.5
13	16.5	16.5	16.5	16.5	16.5	16.5
14	16.5	16.5	16.5	16.5	16.5	16.5
15	16.5	16.5	16.5	16.5	16.5	16.5
16	16.5	16.5	16.5	16.5	16.5	16.5
17	16.5	16.5	16.5	16.5	16.5	16.5
18	16.5	16.5	16.5	16.5	16.5	16.5
19	16.5	16.5	16.5	16.5	16.5	16.5
20	16.5	16.5	16.5	16.5	16.5	16.5
21	23.0	23.0	23.0	23.0	23.0	23.0
22	23.0	23.0	23.0	23.0	23.0	23.0
23	23.0	23.0	23.0	23.0	23.0	23.0
24	23.0	23.0	23.0	23.0	23.0	23.0
25	23.0	23.0	23.0	23.0	23.0	23.0
26	23.0	23.0	23.0	23.0	23.0	23.0
27	23.0	23.0	23.0	23.0	23.0	23.0

Distance DPR	Coverage Step LTE Band 2																										
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27											
	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF											
LTE BW 20MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											
LTE BW 15MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											
LTE BW 10MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											
LTE BW 5MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											
LTE BW 3MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											
LTE BW 1.4MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23											

**Power Reduction Graph For LTE Band 25**

Module Power [dBm]

Distance [mm]

Legend:

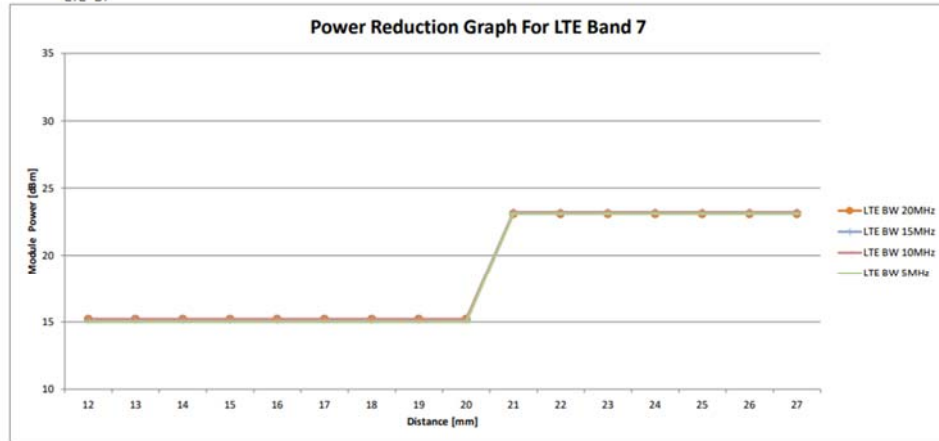
- LTE BW 20MHz
- LTE BW 15MHz
- LTE BW 10MHz
- LTE BW 5MHz
- LTE BW 3MHz
- LTE BW 1.4MHz

Distance [mm]	LTE BW 20MHz [dBm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
12	16.5	16.5	16.5	16.5	16.5	16.5
13	16.5	16.5	16.5	16.5	16.5	16.5
14	16.5	16.5	16.5	16.5	16.5	16.5
15	16.5	16.5	16.5	16.5	16.5	16.5
16	16.5	16.5	16.5	16.5	16.5	16.5
17	16.5	16.5	16.5	16.5	16.5	16.5
18	16.5	16.5	16.5	16.5	16.5	16.5
19	16.5	16.5	16.5	16.5	16.5	16.5
20	16.5	16.5	16.5	16.5	16.5	16.5
21	23.0	23.0	23.0	23.0	23.0	23.0
22	23.0	23.0	23.0	23.0	23.0	23.0
23	23.0	23.0	23.0	23.0	23.0	23.0
24	23.0	23.0	23.0	23.0	23.0	23.0
25	23.0	23.0	23.0	23.0	23.0	23.0
26	23.0	23.0	23.0	23.0	23.0	23.0
27	23.0	23.0	23.0	23.0	23.0	23.0

Distance	Coverage Step LTE Band 25																											
	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	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												
LTE BW 15MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												
LTE BW 10MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												
LTE BW 5MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												
LTE BW 3MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												
LTE BW 1.4MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23												

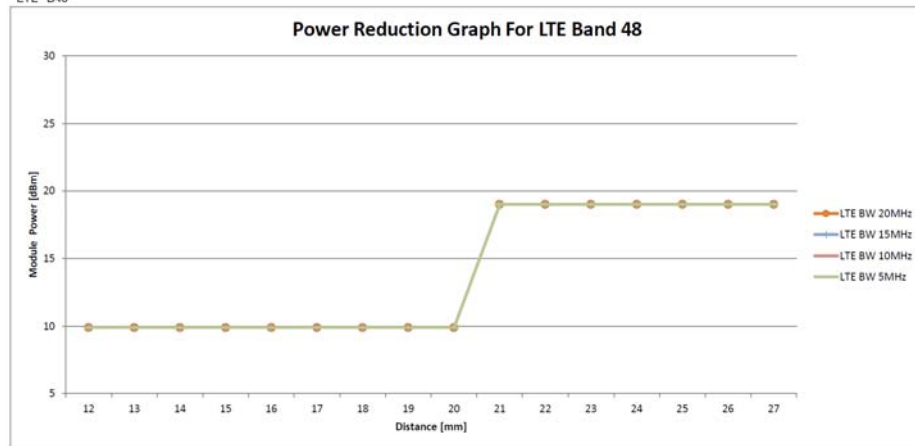


LTE B7



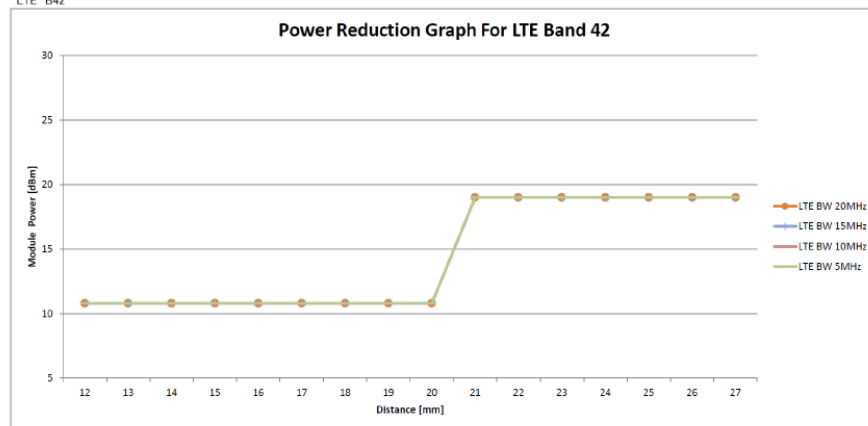
Coverage Step LTE Band 7																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1
LTE BW 15MHz	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
LTE BW 10MHz	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
LTE BW 5MHz	15	15	15	15	15	15	15	15	15	23.1	23.1	23.1	23.1	23.1	23.1	23.1

LTE B48



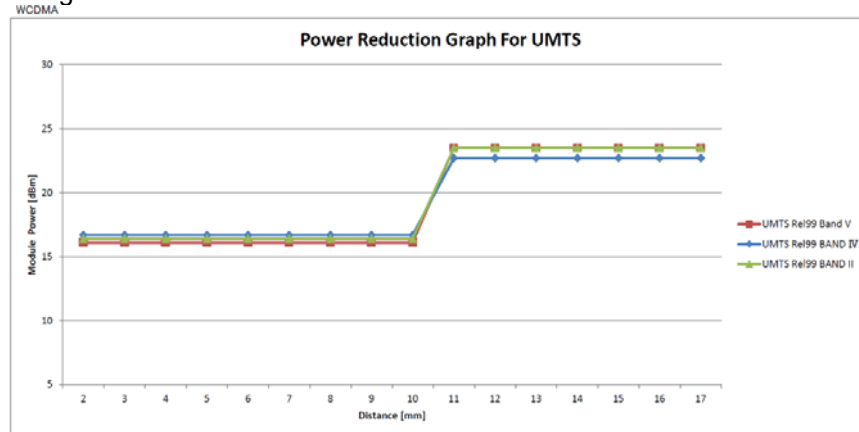
Coverage Step LTE Band 48																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19
LTE BW 15MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19
LTE BW 10MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19
LTE BW 5MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19

LTE B42

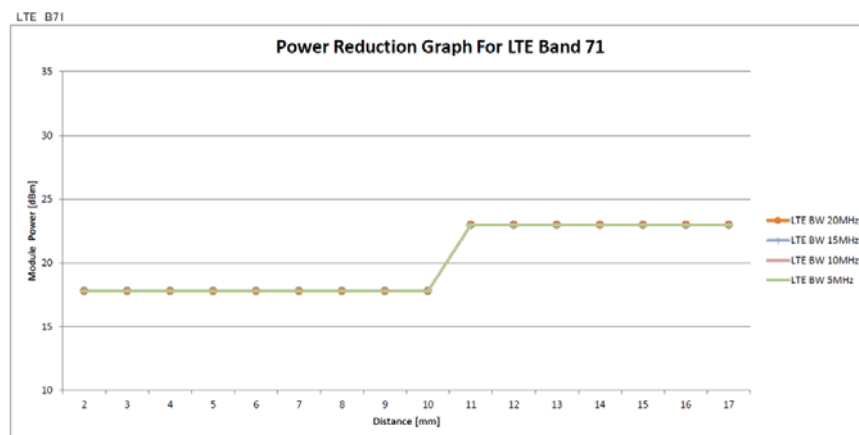


Coverage Step LTE Band 42																
Distance	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19
LTE BW 15MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19
LTE BW 10MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19
LTE BW 5MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19

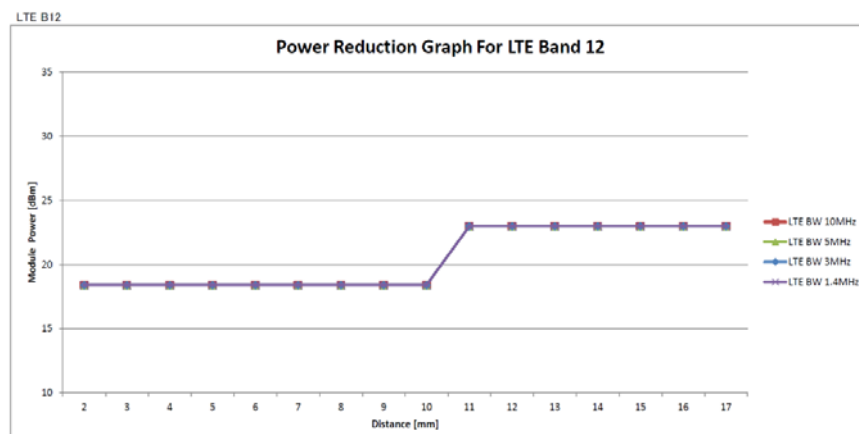
### C.1.5.2 Rear/Rear Tilt Edge4 side



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	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5
UMTS Rel99 BAND IV	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
UMTS Rel99 BAND II	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5

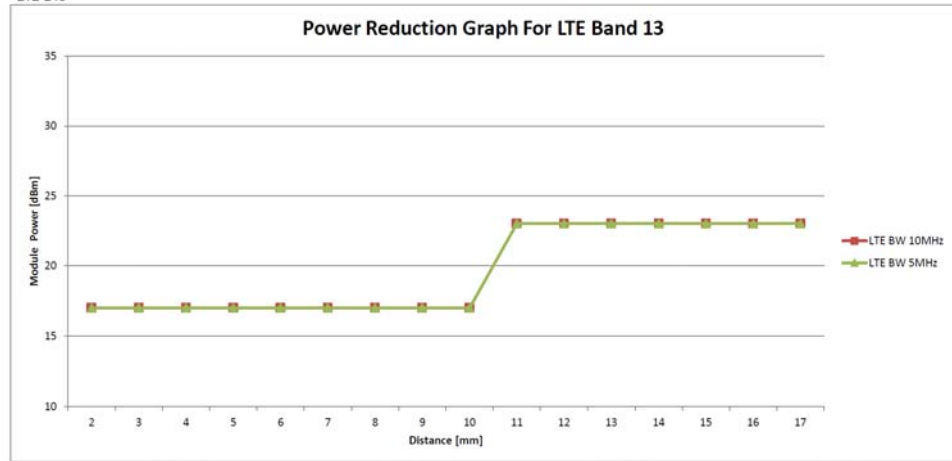


Coverage Step LTE Band 71																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	23	23	23	23	23	23	23
LTE BW 15MHz	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	23	23	23	23	23	23	23
LTE BW 10MHz	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	23	23	23	23	23	23	23
LTE BW 5MHz	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	23	23	23	23	23	23	23



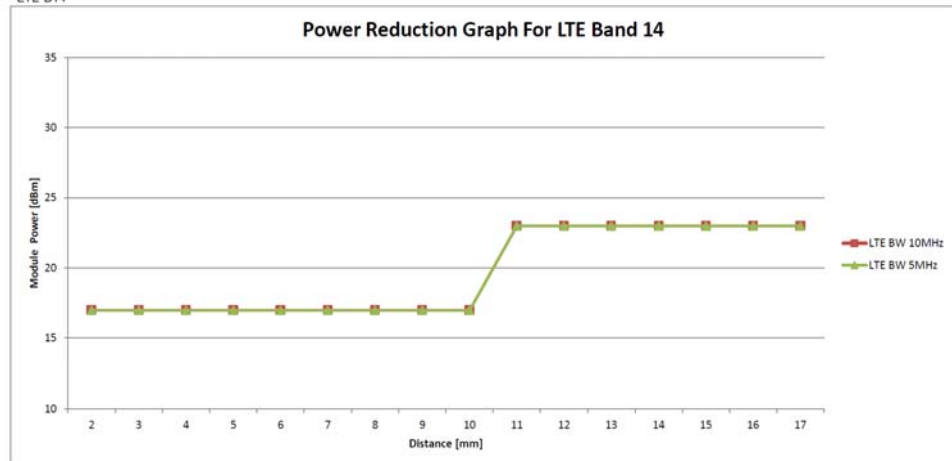
Coverage Step LTE Band 12																
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23
LTE BW 5MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23
LTE BW 3MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23
LTE BW 1.4MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23

LTE B13



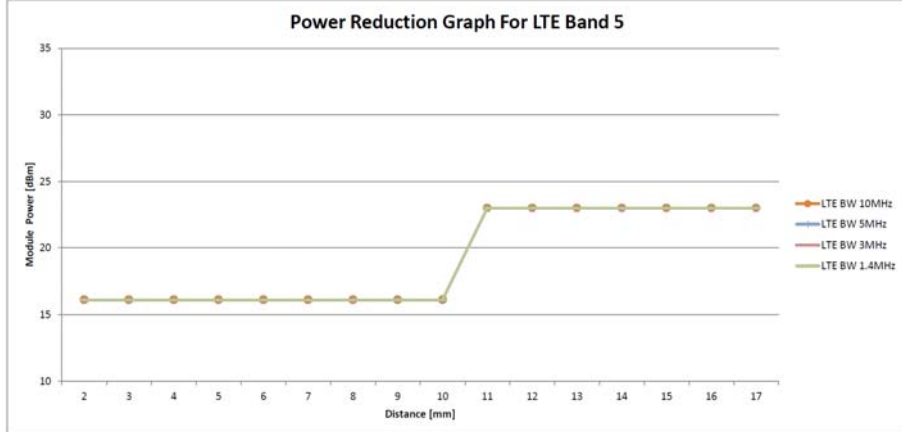
Coverage Step LTE Band 13																	
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23	
LTE BW 5MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23	

LTE B14



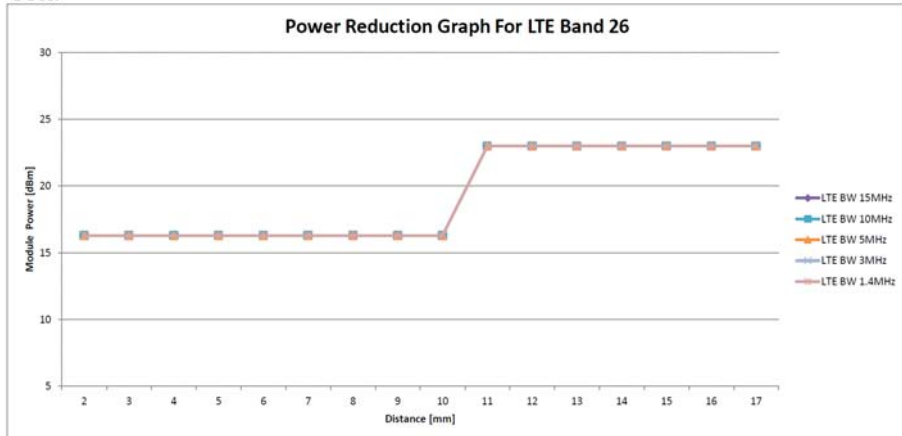
Coverage Step LTE Band 14																	
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23	
LTE BW 5MHz	17	17	17	17	17	17	17	17	17	23	23	23	23	23	23	23	

LTE B5



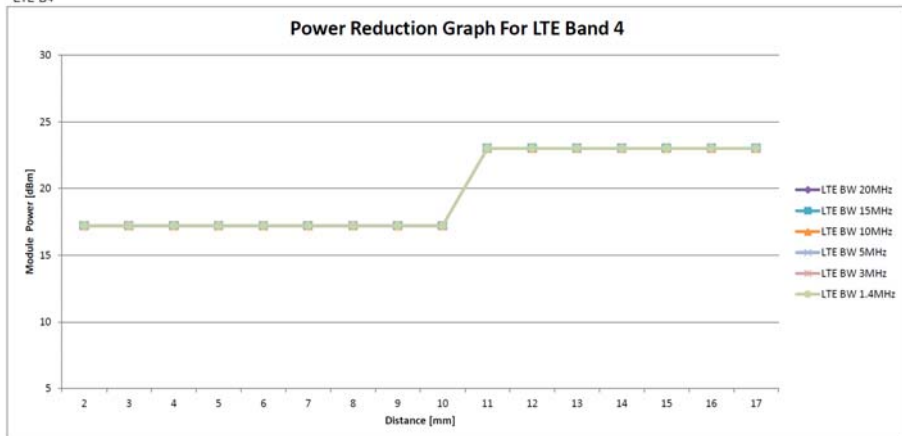
Coverage Step LTE Band 5																	
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
OPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 5MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 3MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	
LTE BW 1.4MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23	23	23	23	23	23	23	

LTE B26

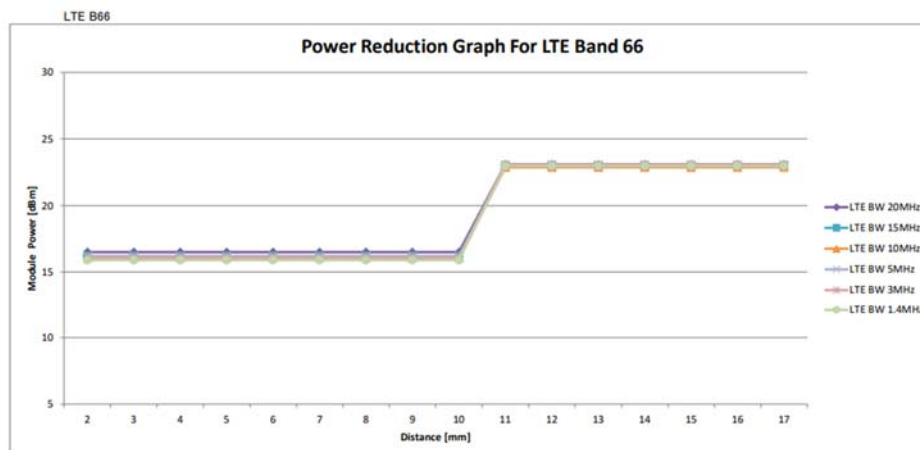


Coverage Step LTE Band 26																	
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
OPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 15MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23	
LTE BW 10MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23	
LTE BW 5MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23	
LTE BW 3MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23	
LTE BW 1.4MHz	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	23	23	23	23	23	23	23	

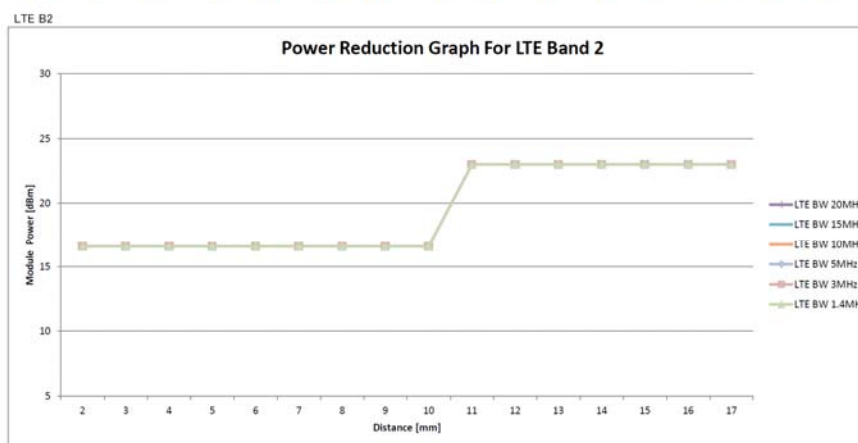
LTE B4



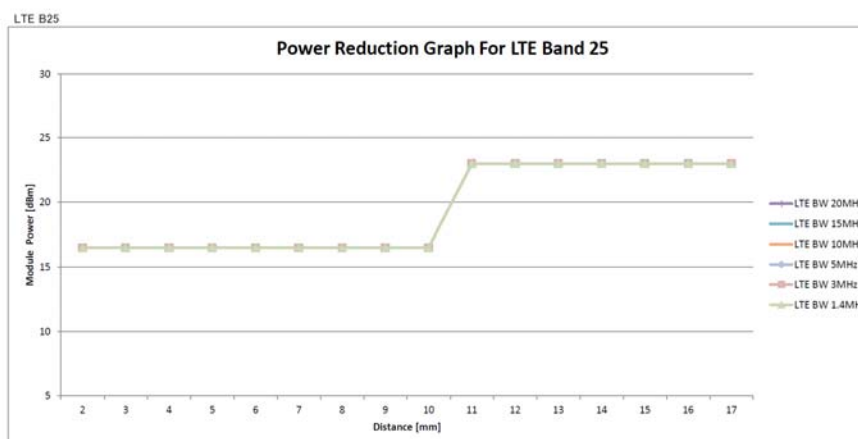
Coverage Step LTE Band 4																	
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
OPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 20MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	
LTE BW 15MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	
LTE BW 10MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	
LTE BW 5MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	
LTE BW 3MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	
LTE BW 1.4MHz	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	23	23	23	23	23	23	23	



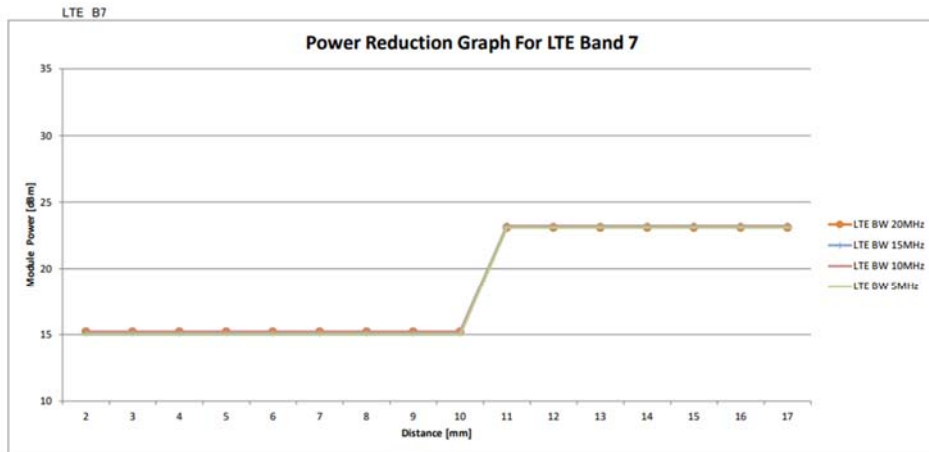
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23.1	23.1	23.1	23.1	23.1	23.1	23.1
LTE BW 15MHz	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	23	23	23	23	23	23	23
LTE BW 10MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	22.9	22.9	22.9	22.9	22.9	22.9	22.9
LTE BW 5MHz	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	23	23	23	23	23	23	23
LTE BW 3MHz	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
LTE BW 1.4MHz	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	23	23	23	23	23	23	23



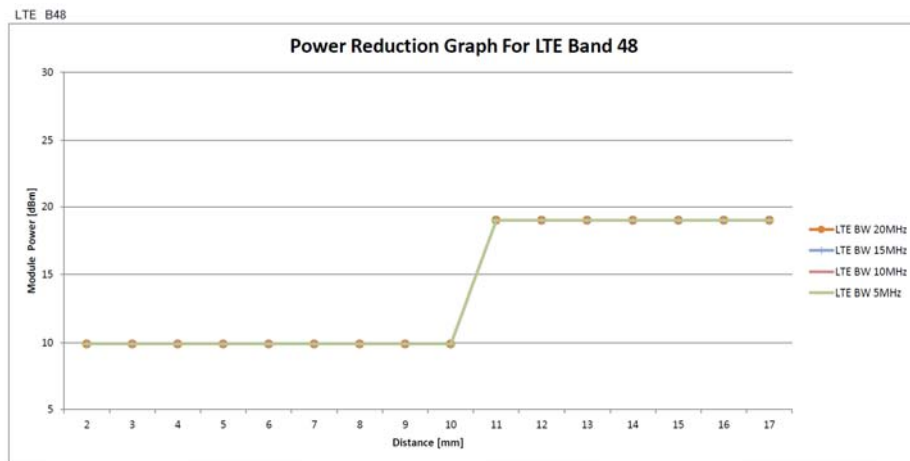
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23
LTE BW 15MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23
LTE BW 10MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23
LTE BW 5MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23
LTE BW 3MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23
LTE BW 1.4MHz	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	23	23	23	23	23	23	23



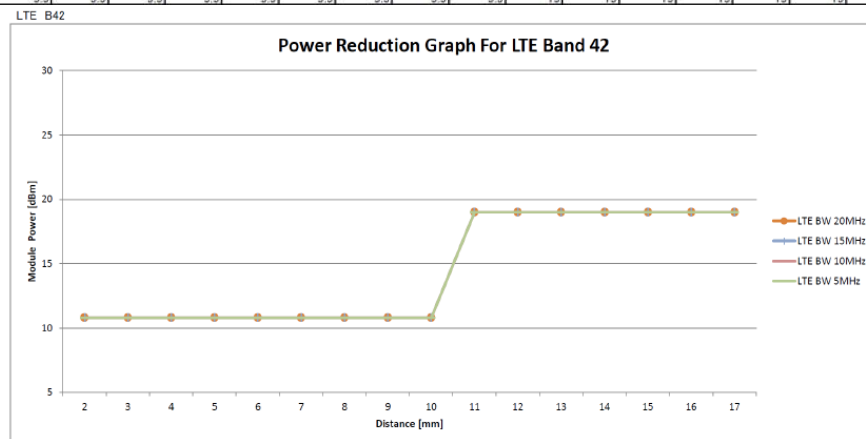
Distance	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23
LTE BW 15MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23
LTE BW 10MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23
LTE BW 5MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23
LTE BW 3MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23
LTE BW 1.4MHz	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	23	23	23	23	23	23	23



Coverage Step LTE Band 7																	
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	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	
LTE BW 15MHz	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
LTE BW 10MHz	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	
LTE BW 5MHz	15	15	15	15	15	15	15	15	15	23.1	23.1	23.1	23.1	23.1	23.1	23.1	



Coverage Step LTE Band 48																	
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	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19	
LTE BW 15MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19	
LTE BW 10MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19	
LTE BW 5MHz	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	19	19	19	19	19	19	19	



Coverage Step LTE Band 42																	
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	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19	
LTE BW 15MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19	
LTE BW 10MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19	
LTE BW 5MHz	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	19	19	19	19	19	19	19	