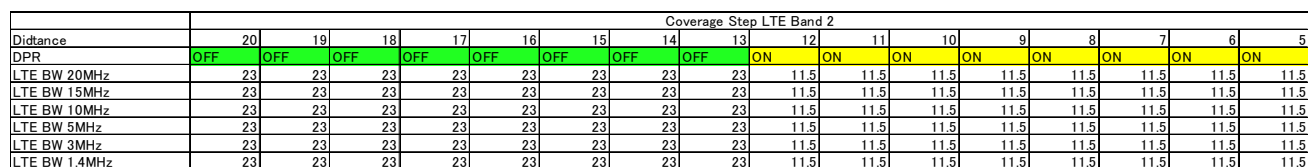
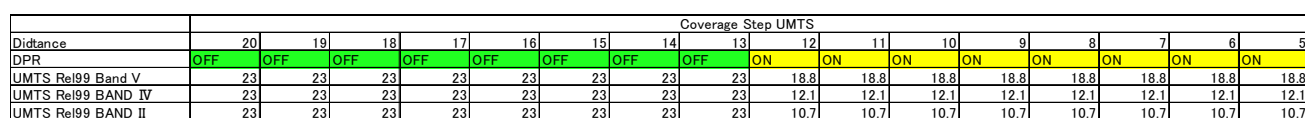


[Edge1]



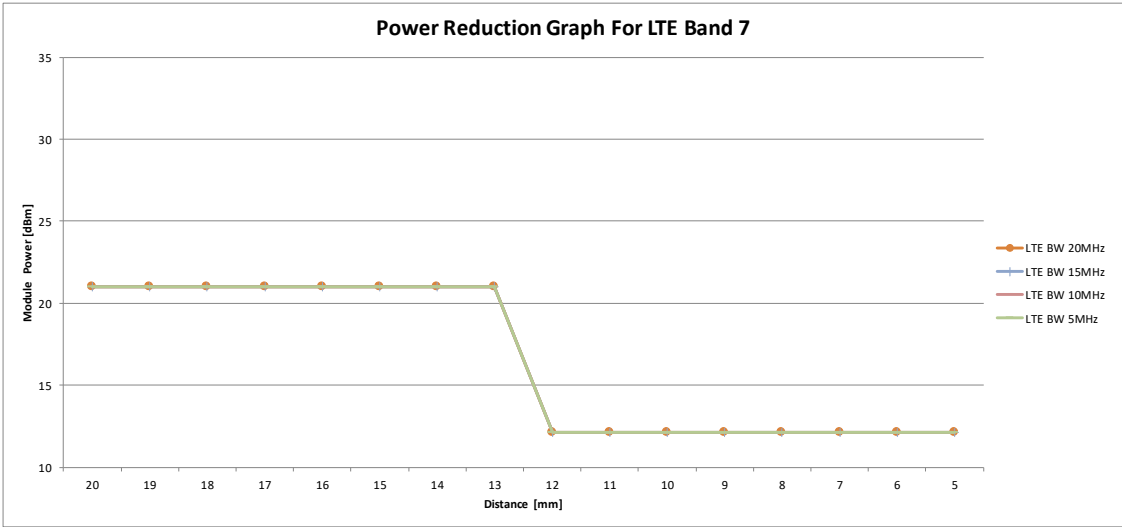
Power Reduction Graph For LTE Band 4

The graph illustrates the power reduction of LTE Band 4 across different distances for various bandwidths. The Y-axis represents Module Power in dBm, and the X-axis represents Distance in mm. The power is constant at approximately 23 dBm for distances from 20 mm to 13 mm. At 12 mm, there is a sharp drop to approximately 12.5 dBm, which remains constant for distances from 11 mm to 5 mm.

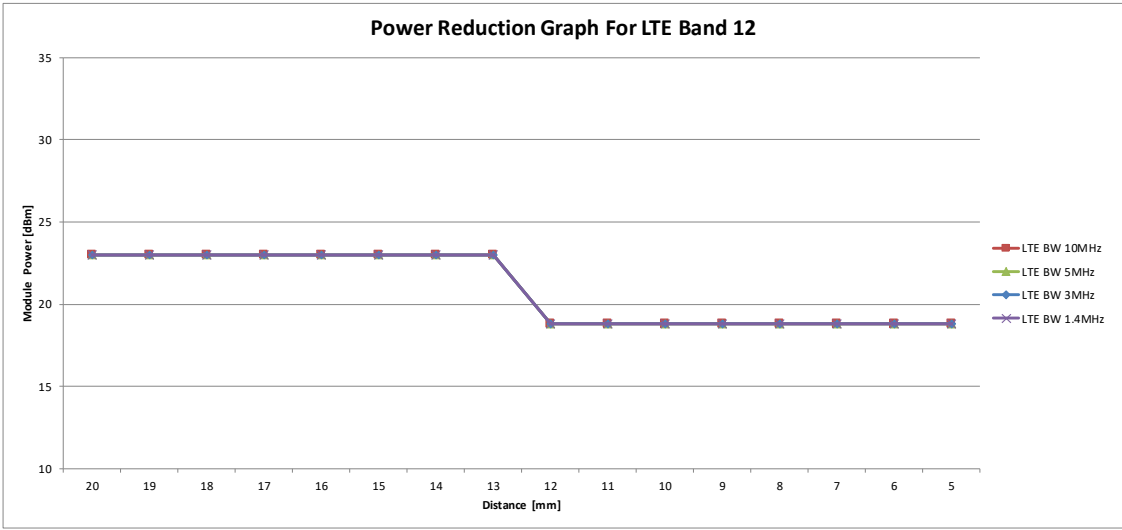
Distance [mm]	LTE BW 20MHz	LTE BW 15MHz	LTE BW 10MHz	LTE BW 5MHz	LTE BW 3MHz	LTE BW 1.4MHz
20	23	23	23	23	23	23
19	23	23	23	23	23	23
18	23	23	23	23	23	23
17	23	23	23	23	23	23
16	23	23	23	23	23	23
15	23	23	23	23	23	23
14	23	23	23	23	23	23
13	23	23	23	23	23	23
12	12.5	12.5	12.5	12.5	12.5	12.5
11	12.5	12.5	12.5	12.5	12.5	12.5
10	12.5	12.5	12.5	12.5	12.5	12.5
9	12.5	12.5	12.5	12.5	12.5	12.5
8	12.5	12.5	12.5	12.5	12.5	12.5
7	12.5	12.5	12.5	12.5	12.5	12.5
6	12.5	12.5	12.5	12.5	12.5	12.5
5	12.5	12.5	12.5	12.5	12.5	12.5

[illegible]

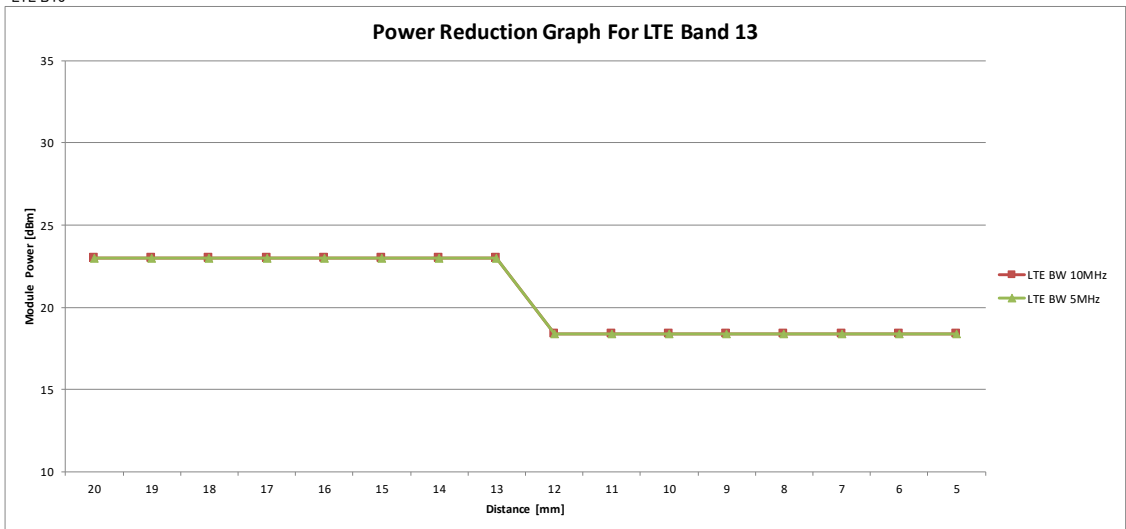
LTE B7

[illegible]

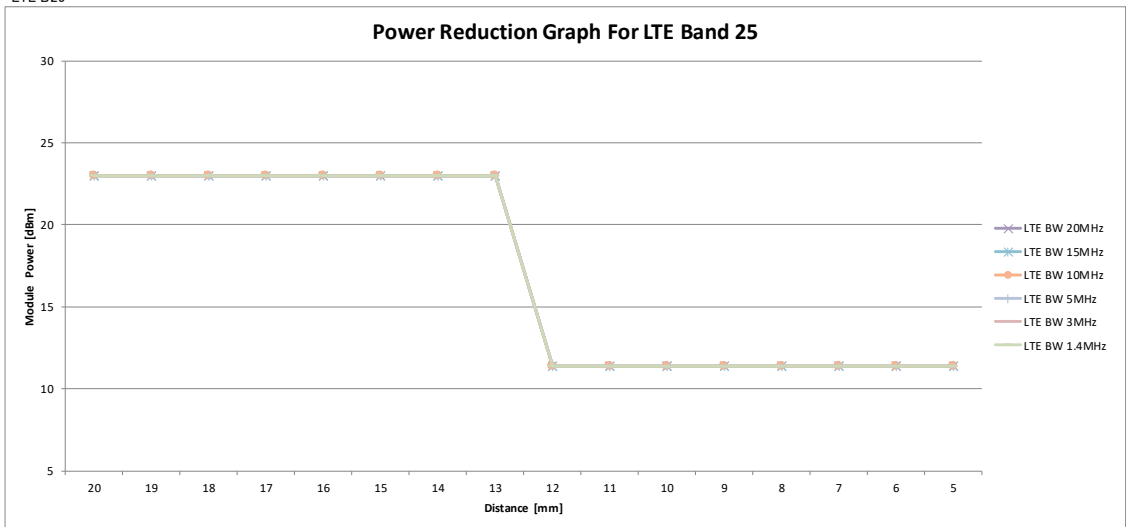
LTE B12

[illegible]

LTE B13

[illegible]

LTE B25

[illegible]

Distance [mm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
20	23.0	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0	23.0
17	23.0	23.0	23.0	23.0	23.0
16	23.0	23.0	23.0	23.0	23.0
15	23.0	23.0	23.0	23.0	23.0
14	23.0	23.0	23.0	23.0	23.0
13	23.0	23.0	23.0	23.0	23.0
12	19.5	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5	19.5
8	19.5	19.5	19.5	19.5	19.5
7	19.5	19.5	19.5	19.5	19.5
6	19.5	19.5	19.5	19.5	19.5
5	19.5	19.5	19.5	19.5	19.5

[illegible]

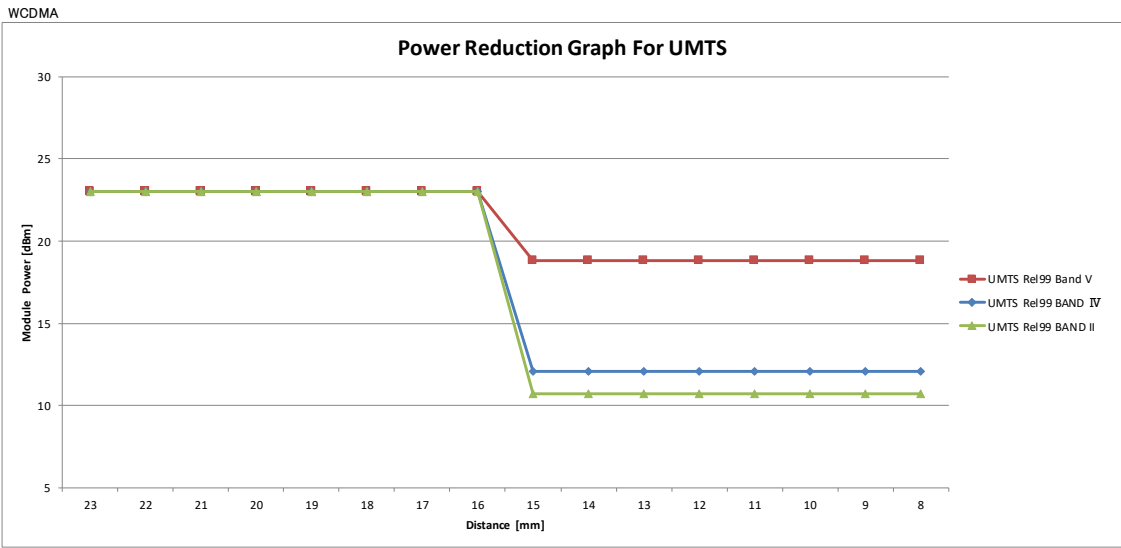
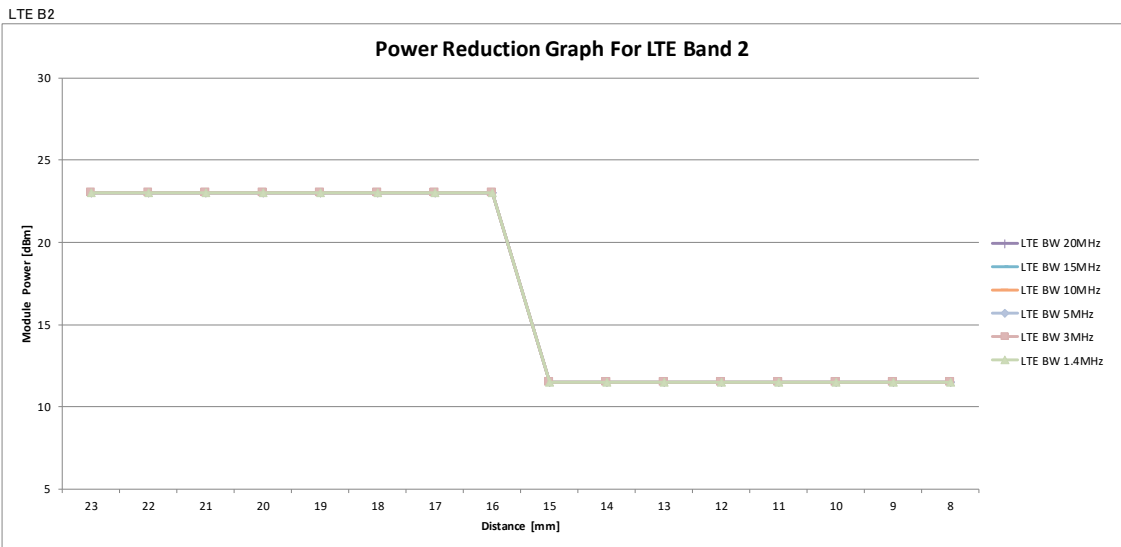
Power Reduction Graph For LTE Band 41

The graph illustrates the power reduction of LTE Band 41 as a function of distance for different bandwidths. The Y-axis represents Module Power in dBm, ranging from 10 to 35. The X-axis represents Distance in mm, ranging from 20 to 5. Four data series are plotted: LTE BW 20MHz (orange), LTE BW 15MHz (blue), LTE BW 10MHz (red), and LTE BW 5MHz (green). All series show a constant power level of approximately 22 dBm from 20mm to 13mm. At 12mm, there is a sharp drop in power to approximately 13.5 dBm, which remains constant for all bandwidths from 12mm to 5mm.

Distance [mm]	LTE BW 20MHz [dBm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]
20	22.0	22.0	22.0	22.0
19	22.0	22.0	22.0	22.0
18	22.0	22.0	22.0	22.0
17	22.0	22.0	22.0	22.0
16	22.0	22.0	22.0	22.0
15	22.0	22.0	22.0	22.0
14	22.0	22.0	22.0	22.0
13	22.0	22.0	22.0	22.0
12	13.5	13.5	13.5	13.5
11	13.5	13.5	13.5	13.5
10	13.5	13.5	13.5	13.5
9	13.5	13.5	13.5	13.5
8	13.5	13.5	13.5	13.5
7	13.5	13.5	13.5	13.5
6	13.5	13.5	13.5	13.5
5	13.5	13.5	13.5	13.5

[illegible]

[Edge2 45deg]

[illegible][illegible]

Power Reduction Graph For LTE Band 4

The graph illustrates the power reduction for LTE Band 4 across different bandwidths (BW) as the distance from the module decreases. The Y-axis represents Module Power in dBm, ranging from 5 to 30. The X-axis represents Distance in mm, ranging from 23 to 8. The legend indicates six data series for different LTE bandwidths: 20MHz, 15MHz, 10MHz, 5MHz, 3MHz, and 1.4MHz.

All bandwidths show a consistent power level of approximately 23 dBm from 23 mm to 16 mm. At 15 mm, there is a sharp drop in power to approximately 12.5 dBm for all bandwidths. From 14 mm to 8 mm, the power remains constant at approximately 12.5 dBm for all bandwidths.

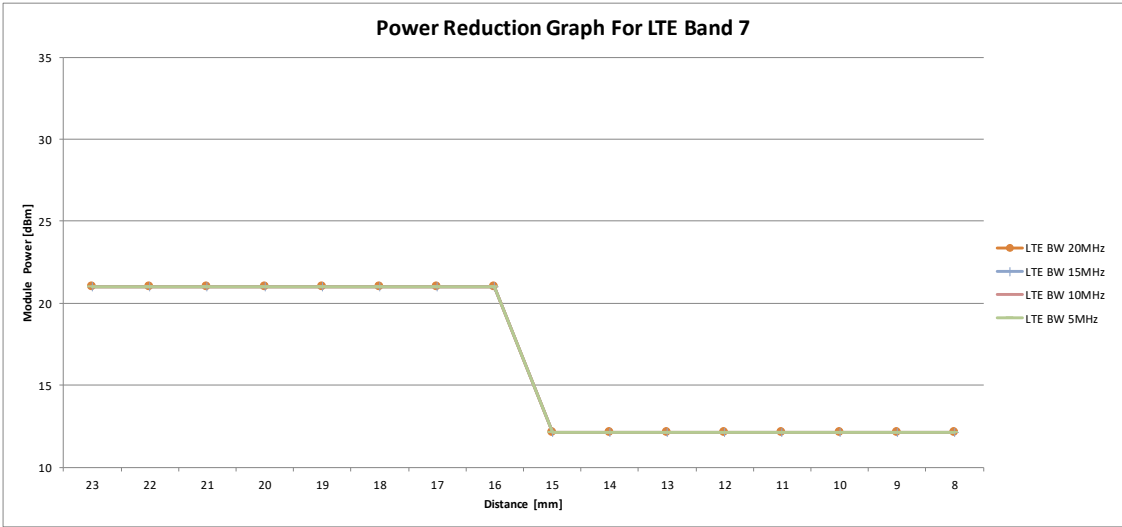
Distance [mm]	LTE BW 20MHz [dBm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
23	23	23	23	23	23	23
22	23	23	23	23	23	23
21	23	23	23	23	23	23
20	23	23	23	23	23	23
19	23	23	23	23	23	23
18	23	23	23	23	23	23
17	23	23	23	23	23	23
16	23	23	23	23	23	23
15	12.5	12.5	12.5	12.5	12.5	12.5
14	12.5	12.5	12.5	12.5	12.5	12.5
13	12.5	12.5	12.5	12.5	12.5	12.5
12	12.5	12.5	12.5	12.5	12.5	12.5
11	12.5	12.5	12.5	12.5	12.5	12.5
10	12.5	12.5	12.5	12.5	12.5	12.5
9	12.5	12.5	12.5	12.5	12.5	12.5
8	12.5	12.5	12.5	12.5	12.5	12.5

[illegible]

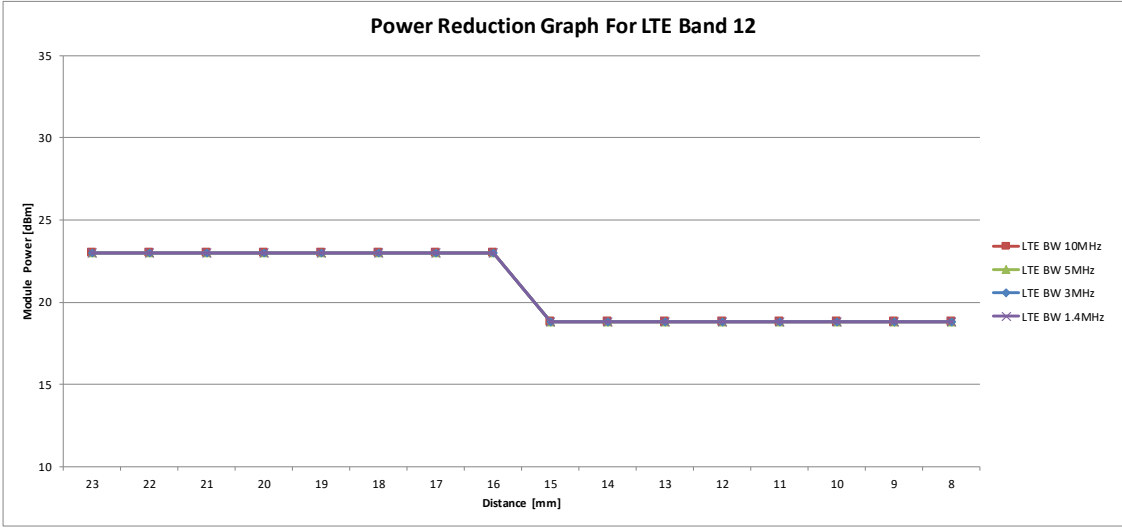
Distance [mm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
23	23.0	23.0	23.0	23.0
22	23.0	23.0	23.0	23.0
21	23.0	23.0	23.0	23.0
20	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0
17	23.0	23.0	23.0	23.0
16	23.0	23.0	23.0	23.0
15	19.5	19.5	19.5	19.5
14	19.5	19.5	19.5	19.5
13	19.5	19.5	19.5	19.5
12	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5
8	19.5	19.5	19.5	19.5

[illegible]

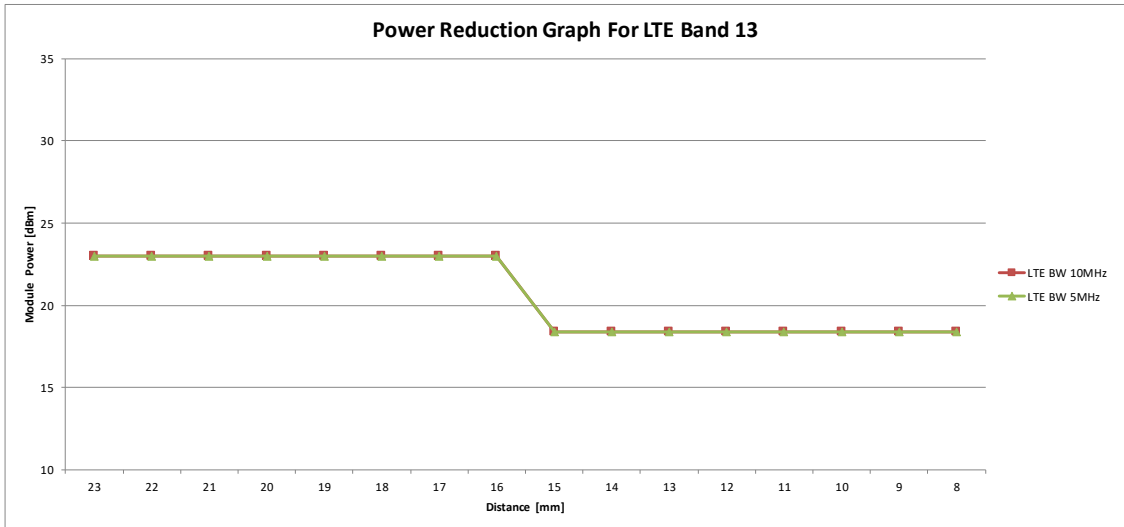
LTE B7

[illegible]

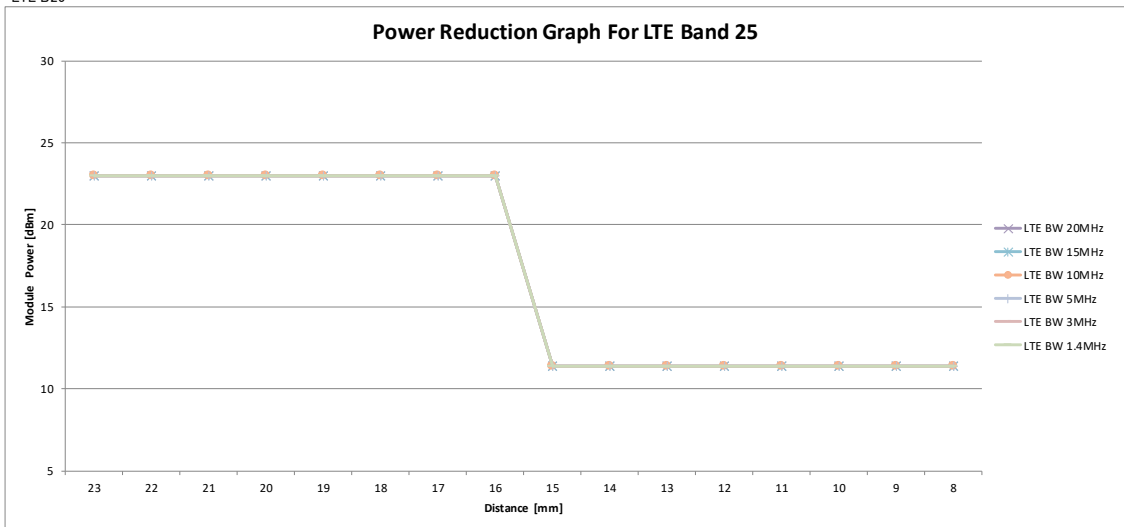
LTE B12

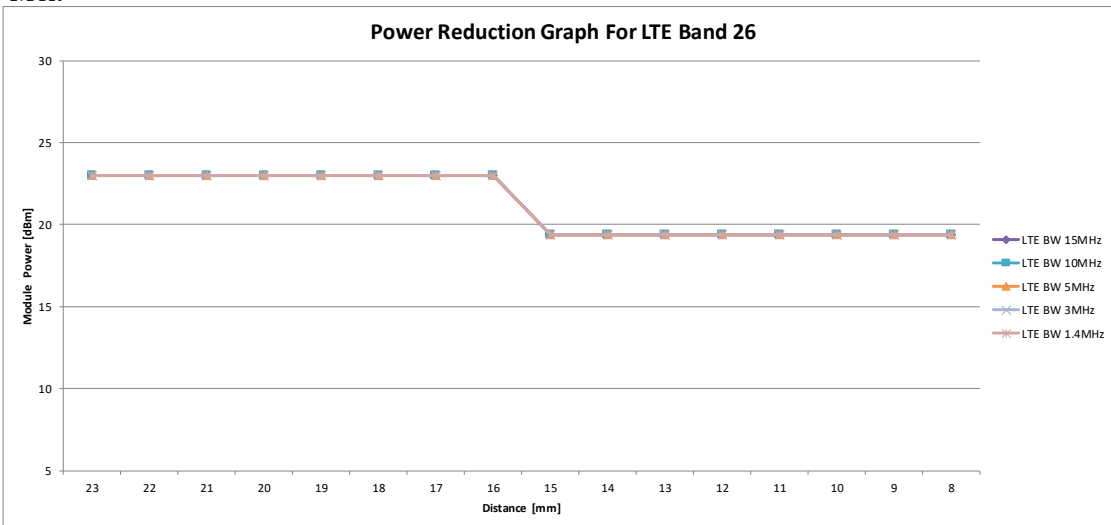
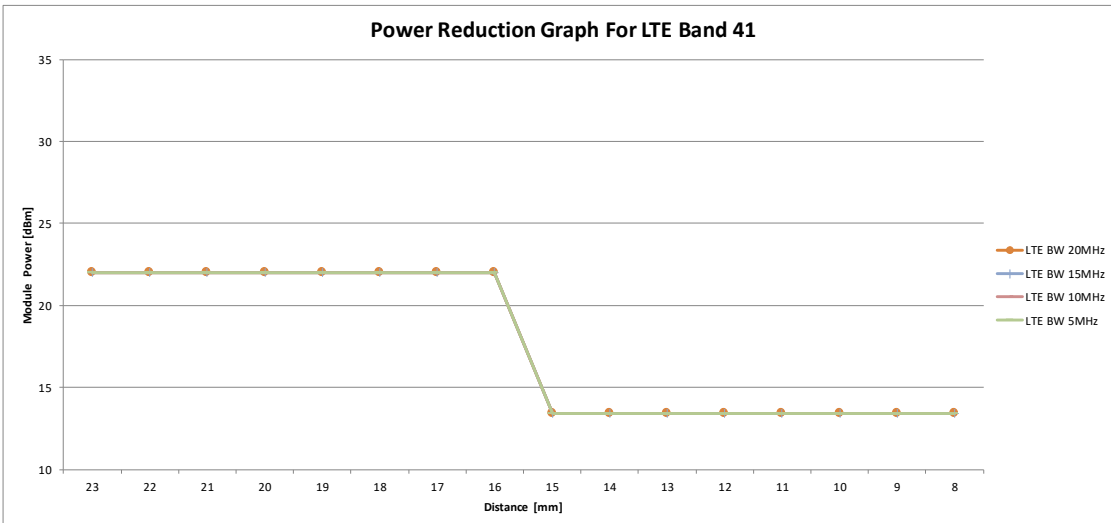
[illegible]

LTE B13

[illegible]

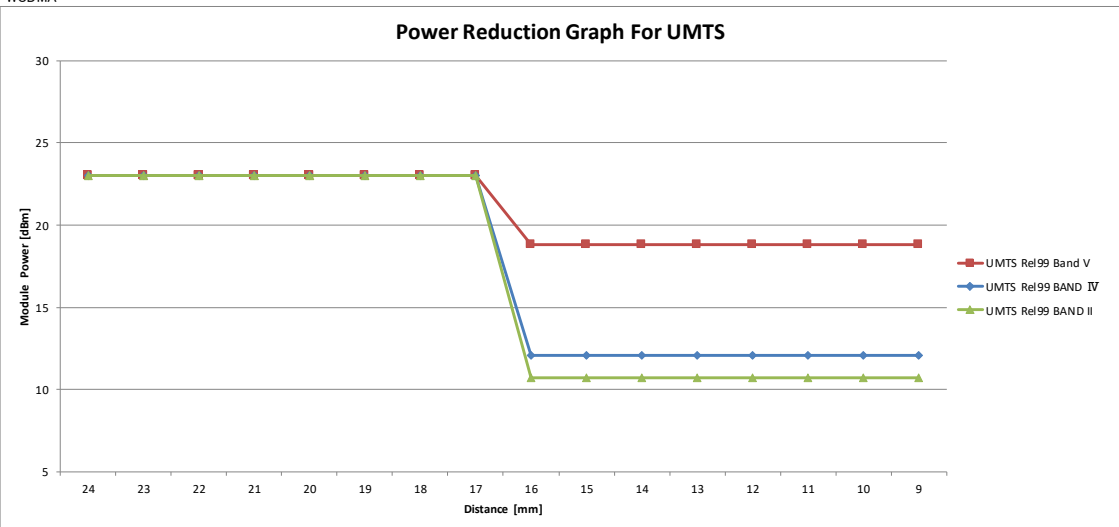
LTE B25

[illegible]

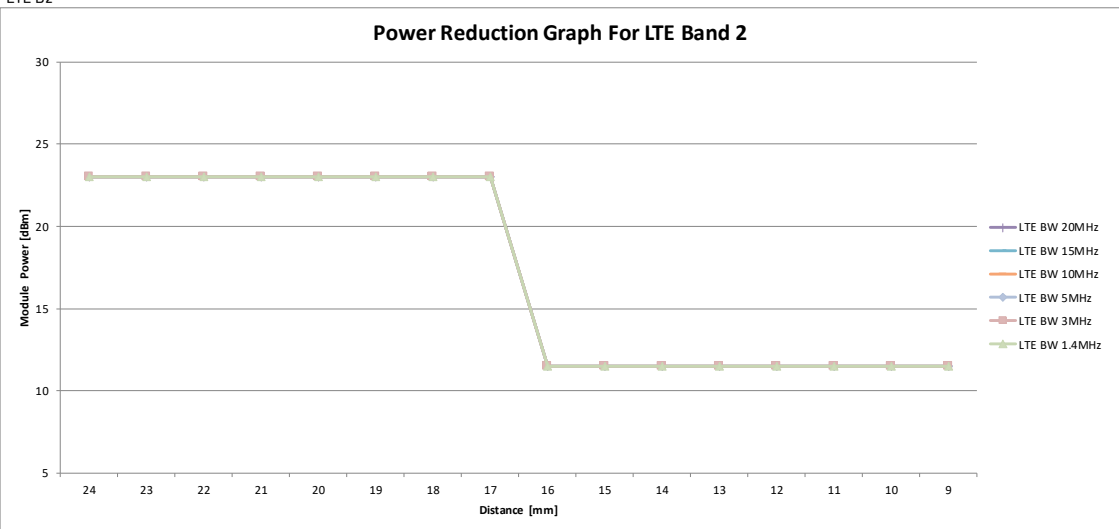
[illegible][illegible]

[Edge2]

WCDMA

[illegible]

LTE B2

[illegible]

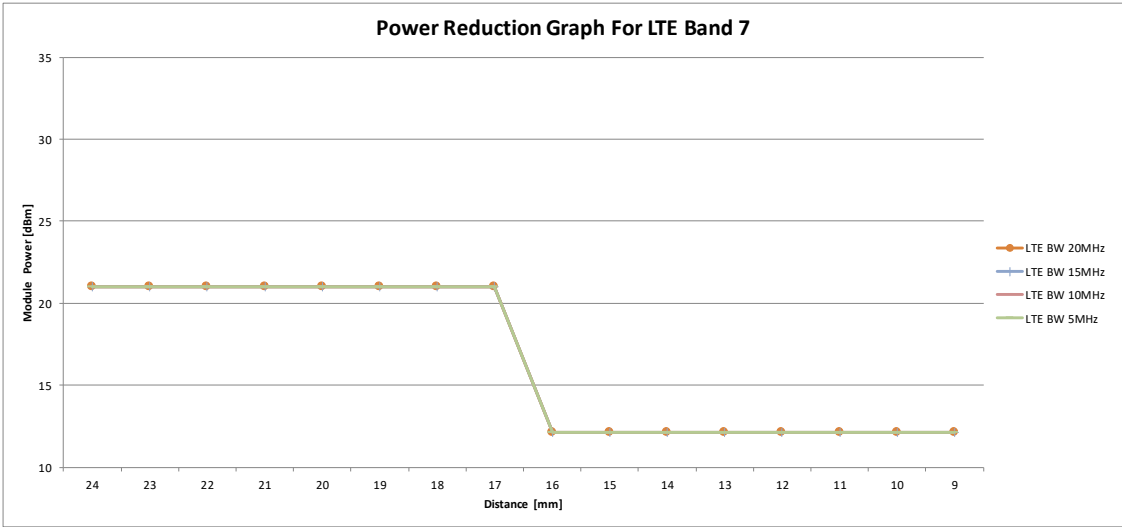
Power Reduction Graph For LTE Band 4

The graph illustrates the power reduction of LTE Band 4 across different distances for various bandwidths. The Y-axis represents Module Power in dBm, and the X-axis represents Distance in mm. The power is constant at approximately 23 dBm for distances from 24 mm to 17 mm. At 16 mm, there is a significant power reduction to approximately 12.5 dBm, which remains constant for distances from 15 mm to 9 mm.

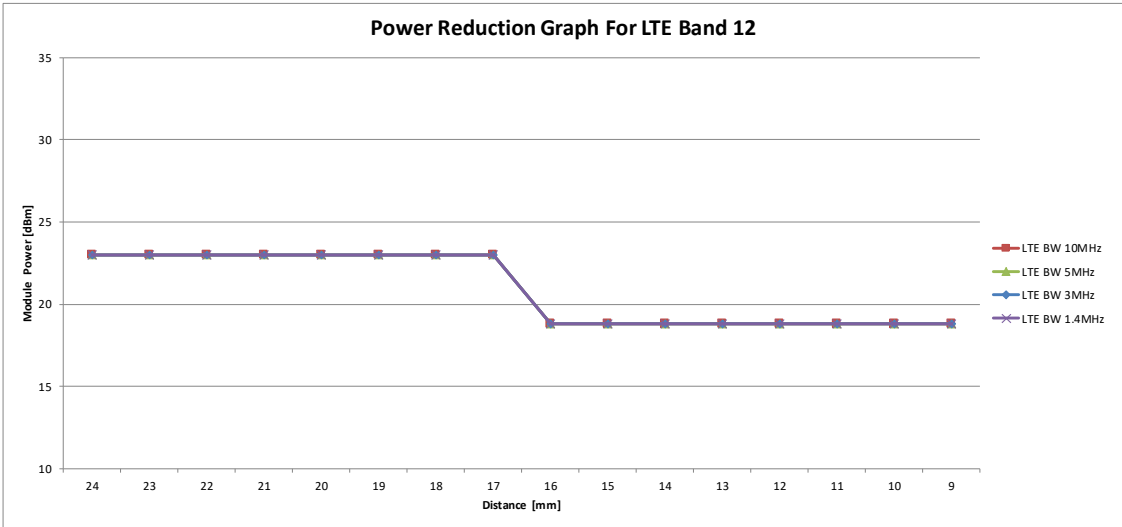
Distance [mm]	LTE BW 20MHz	LTE BW 15MHz	LTE BW 10MHz	LTE BW 5MHz	LTE BW 3MHz	LTE BW 1.4MHz
24	23	23	23	23	23	23
23	23	23	23	23	23	23
22	23	23	23	23	23	23
21	23	23	23	23	23	23
20	23	23	23	23	23	23
19	23	23	23	23	23	23
18	23	23	23	23	23	23
17	23	23	23	23	23	23
16	12.5	12.5	12.5	12.5	12.5	12.5
15	12.5	12.5	12.5	12.5	12.5	12.5
14	12.5	12.5	12.5	12.5	12.5	12.5
13	12.5	12.5	12.5	12.5	12.5	12.5
12	12.5	12.5	12.5	12.5	12.5	12.5
11	12.5	12.5	12.5	12.5	12.5	12.5
10	12.5	12.5	12.5	12.5	12.5	12.5
9	12.5	12.5	12.5	12.5	12.5	12.5

[illegible]

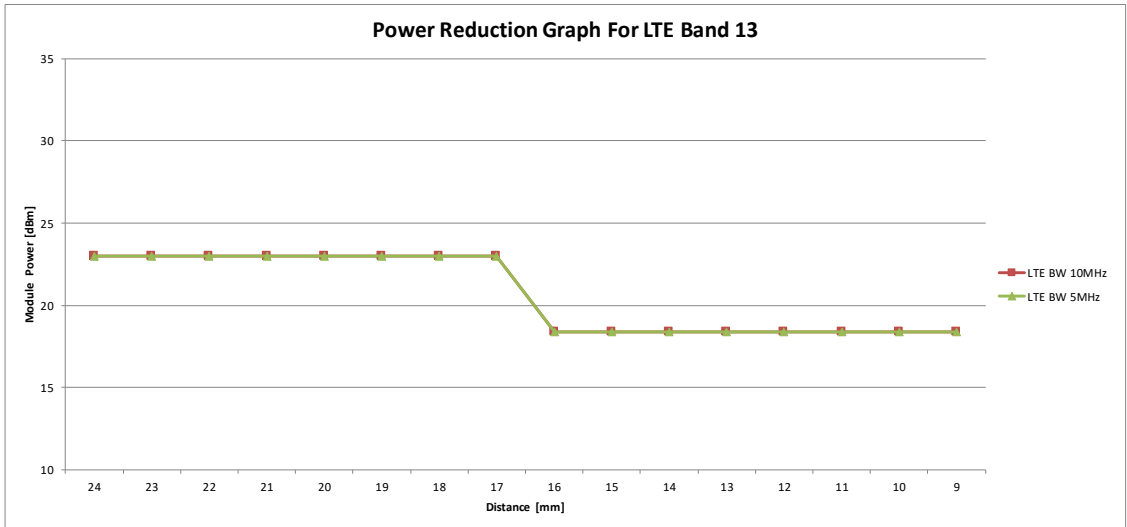
LTE B7

[illegible]

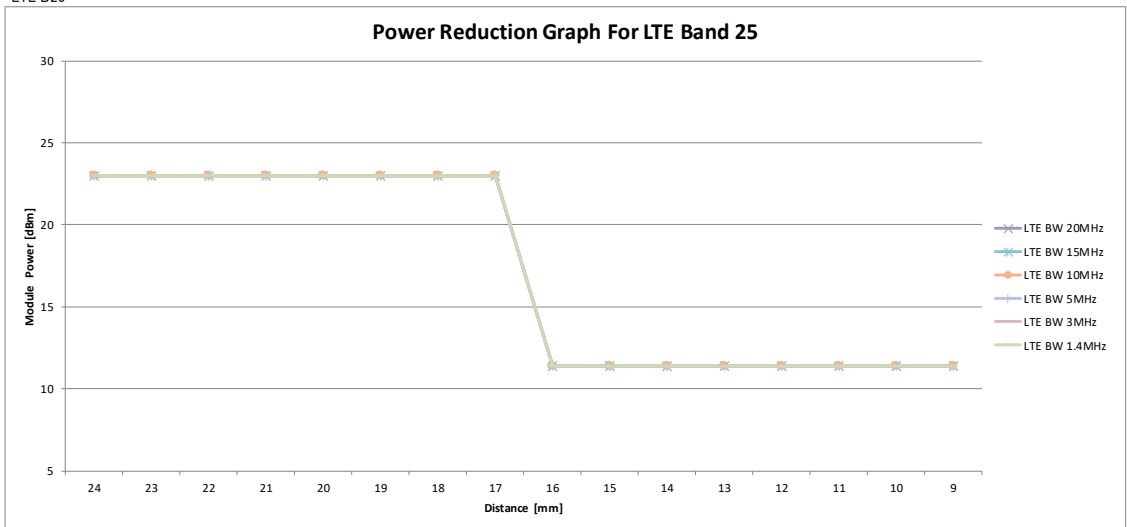
LTE B12

[illegible]

LTE B13

[illegible]

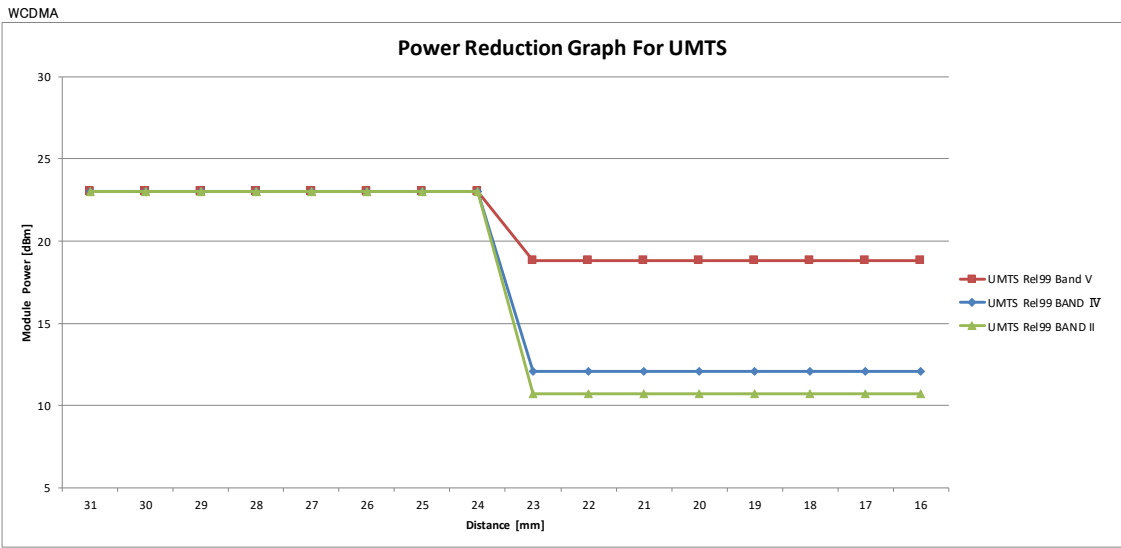
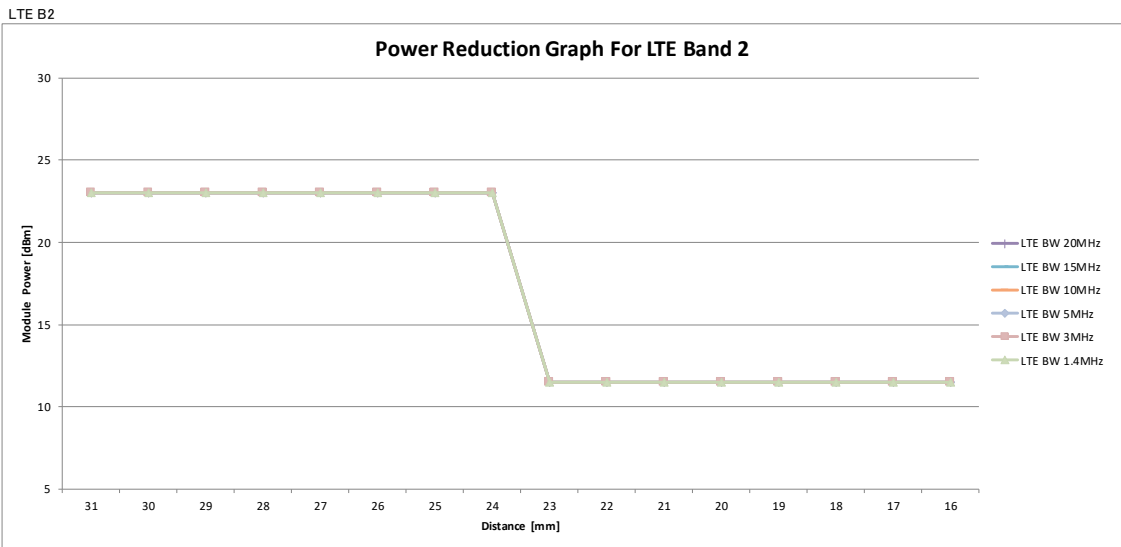
LTE B25

[illegible]

Distance [mm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
24	23.0	23.0	23.0	23.0	23.0
23	23.0	23.0	23.0	23.0	23.0
22	23.0	23.0	23.0	23.0	23.0
21	23.0	23.0	23.0	23.0	23.0
20	23.0	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0	23.0
17	23.0	23.0	23.0	23.0	23.0
16	19.5	19.5	19.5	19.5	19.5
15	19.5	19.5	19.5	19.5	19.5
14	19.5	19.5	19.5	19.5	19.5
13	19.5	19.5	19.5	19.5	19.5
12	19.5	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5	19.5

[illegible]

[Bottom]

[illegible][illegible]

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]
31	23.0	23.0	23.0	23.0	23.0	23.0
30	23.0	23.0	23.0	23.0	23.0	23.0
29	23.0	23.0	23.0	23.0	23.0	23.0
28	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
26	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
24	23.0	23.0	23.0	23.0	23.0	23.0
23	12.5	12.5	12.5	12.5	12.5	12.5
22	12.5	12.5	12.5	12.5	12.5	12.5
21	12.5	12.5	12.5	12.5	12.5	12.5
20	12.5	12.5	12.5	12.5	12.5	12.5
19	12.5	12.5	12.5	12.5	12.5	12.5
18	12.5	12.5	12.5	12.5	12.5	12.5
17	12.5	12.5	12.5	12.5	12.5	12.5
16	12.5	12.5	12.5	12.5	12.5	12.5

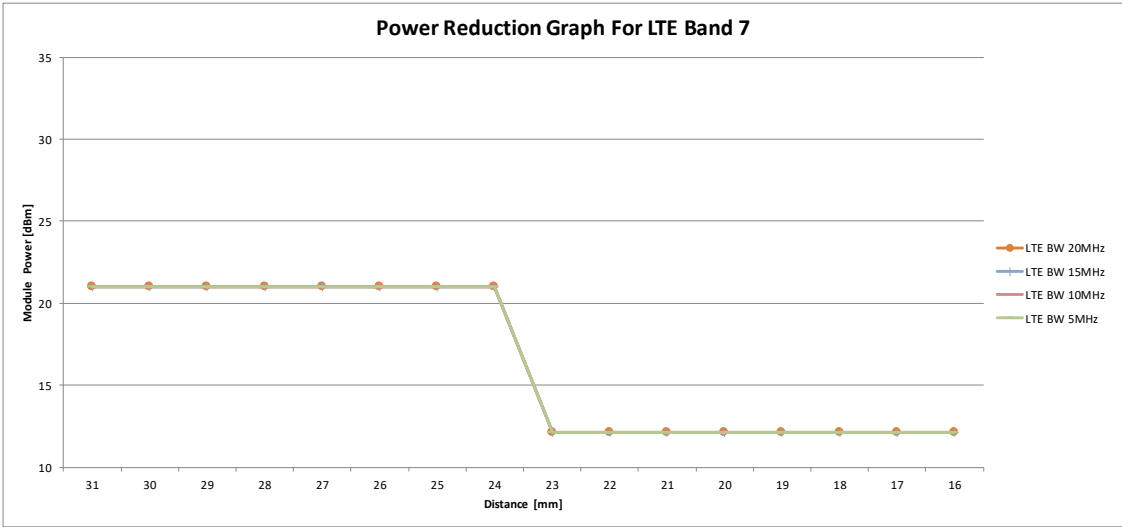
[illegible]

Power Reduction Graph For LTE Band 5

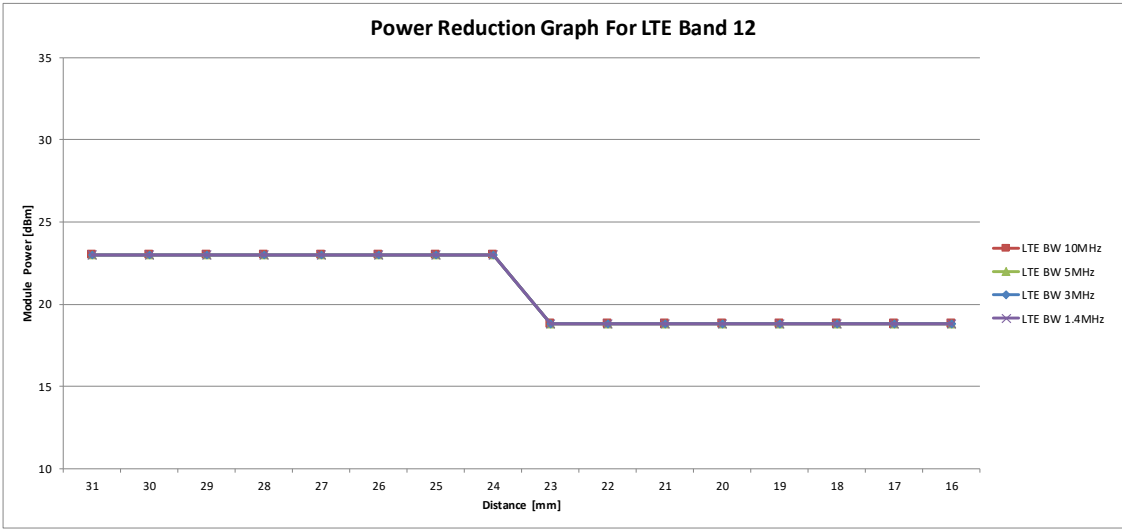
Distance [mm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
31	23.0	23.0	23.0	23.0
30	23.0	23.0	23.0	23.0
29	23.0	23.0	23.0	23.0
28	23.0	23.0	23.0	23.0
27	23.0	23.0	23.0	23.0
26	23.0	23.0	23.0	23.0
25	23.0	23.0	23.0	23.0
24	23.0	23.0	23.0	23.0
23	19.5	19.5	19.5	19.5
22	19.5	19.5	19.5	19.5
21	19.5	19.5	19.5	19.5
20	19.5	19.5	19.5	19.5
19	19.5	19.5	19.5	19.5
18	19.5	19.5	19.5	19.5
17	19.5	19.5	19.5	19.5
16	19.5	19.5	19.5	19.5

[illegible]

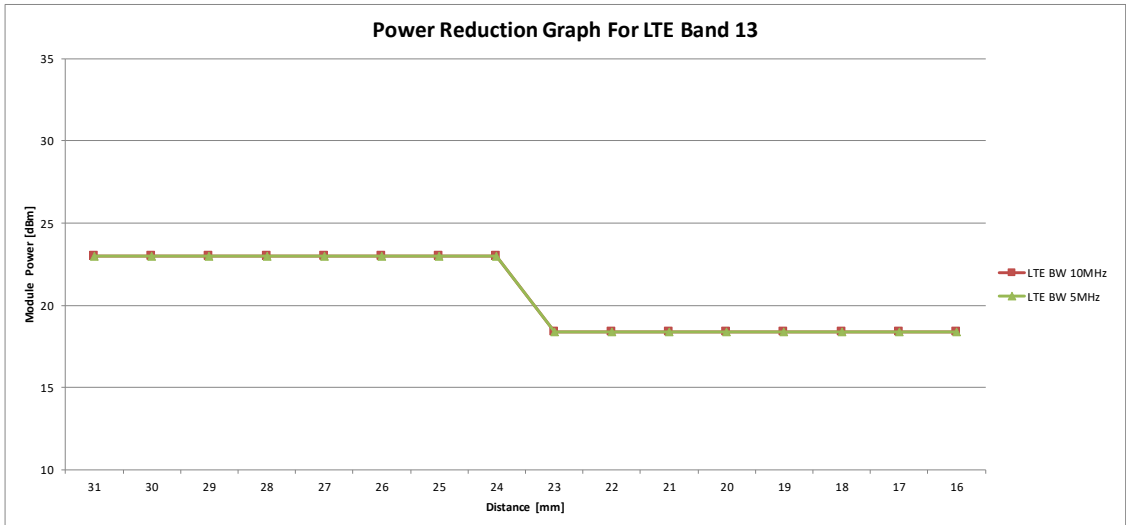
LTE B7

[illegible]

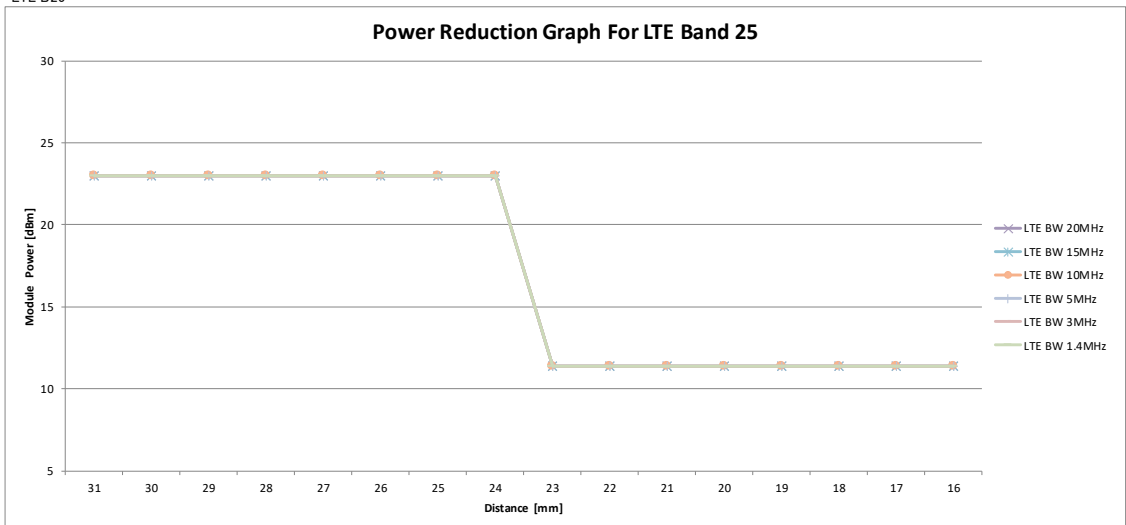
LTE B12

[illegible]

LTE B13

[illegible]

LTE B25

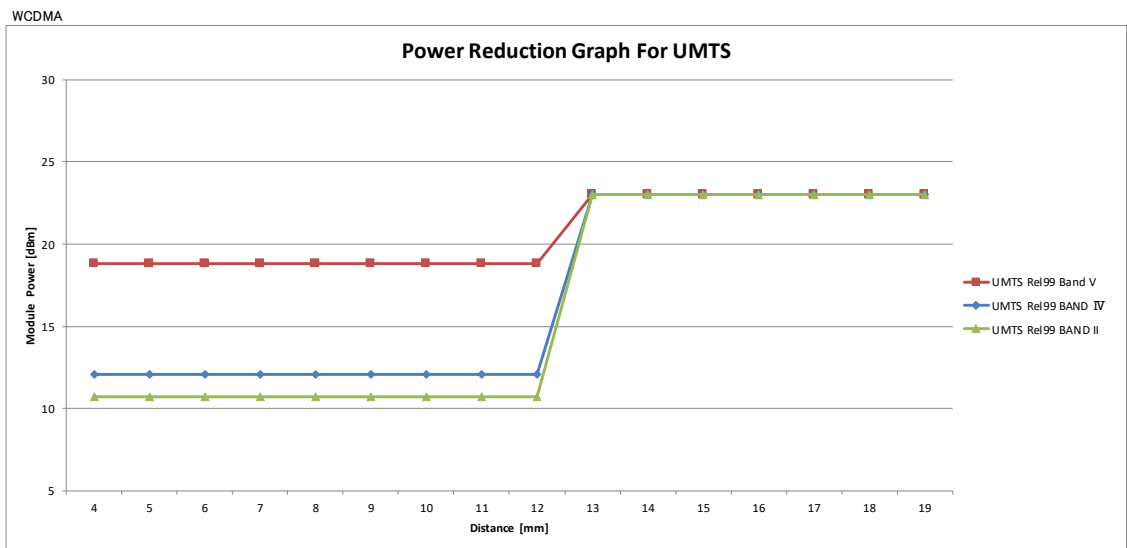
[illegible]

Distance [mm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
31	23.0	23.0	23.0	23.0	23.0
30	23.0	23.0	23.0	23.0	23.0
29	23.0	23.0	23.0	23.0	23.0
28	23.0	23.0	23.0	23.0	23.0
27	23.0	23.0	23.0	23.0	23.0
26	23.0	23.0	23.0	23.0	23.0
25	23.0	23.0	23.0	23.0	23.0
24	23.0	23.0	23.0	23.0	23.0
23	19.5	19.5	19.5	19.5	19.5
22	19.5	19.5	19.5	19.5	19.5
21	19.5	19.5	19.5	19.5	19.5
20	19.5	19.5	19.5	19.5	19.5
19	19.5	19.5	19.5	19.5	19.5
18	19.5	19.5	19.5	19.5	19.5
17	19.5	19.5	19.5	19.5	19.5
16	19.5	19.5	19.5	19.5	19.5

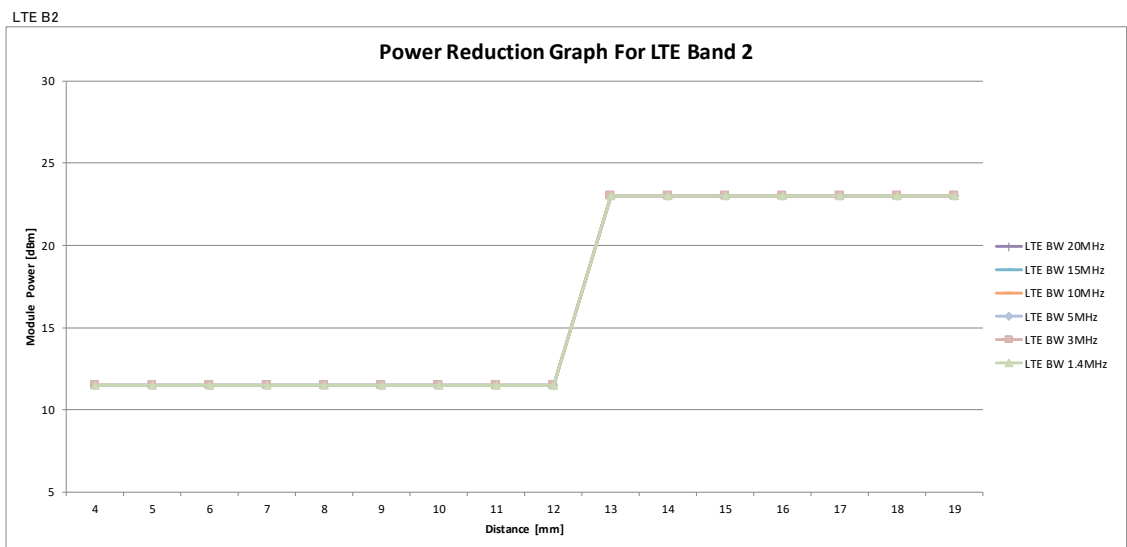
[illegible]

17.9.2 DUT moving from the phantom

[Edge1]



	Coverage Step UMTS																	
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF		
UMTS Rel99 Band V	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23	23	
UMTS Rel99 BAND IV	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	23	23	23	23	23	23	23	23	
UMTS Rel99 BAND II	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	23	23	23	23	23	23	23	23	



	Coverage Step LTE Band 2																	
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF		
LTE BW 20MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		
LTE BW 15MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		
LTE BW 10MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		
LTE BW 5MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		
LTE BW 3MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		
LTE BW 1.4MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23		

Power Reduction Graph For LTE Band 4

The graph illustrates the power reduction characteristics for LTE Band 4 across various bandwidths. The Y-axis represents Module Power in dBm, and the X-axis represents Distance in mm. The power is constant at approximately 12.5 dBm for distances from 4 mm to 12 mm. At 13 mm, the power increases sharply to approximately 23 dBm and remains constant for distances up to 19 mm.

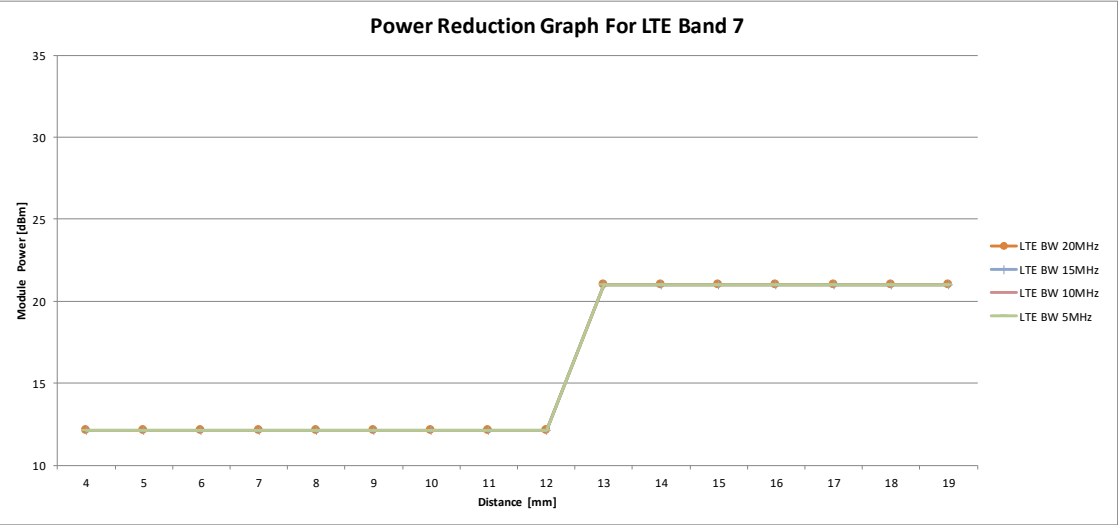
Distance [mm]	LTE BW 20MHz	LTE BW 15MHz	LTE BW 10MHz	LTE BW 5MHz	LTE BW 3MHz	LTE BW 1.4MHz
4	12.5	12.5	12.5	12.5	12.5	12.5
5	12.5	12.5	12.5	12.5	12.5	12.5
6	12.5	12.5	12.5	12.5	12.5	12.5
7	12.5	12.5	12.5	12.5	12.5	12.5
8	12.5	12.5	12.5	12.5	12.5	12.5
9	12.5	12.5	12.5	12.5	12.5	12.5
10	12.5	12.5	12.5	12.5	12.5	12.5
11	12.5	12.5	12.5	12.5	12.5	12.5
12	12.5	12.5	12.5	12.5	12.5	12.5
13	23.0	23.0	23.0	23.0	23.0	23.0
14	23.0	23.0	23.0	23.0	23.0	23.0
15	23.0	23.0	23.0	23.0	23.0	23.0
16	23.0	23.0	23.0	23.0	23.0	23.0
17	23.0	23.0	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0	23.0	23.0

	Coverage Step LTE Band 4																		
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPD	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE BW 20MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			
LTE BW 15MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			
LTE BW 10MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			
LTE BW 5MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			
LTE BW 3MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			
LTE BW 1.4MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23			

Distance [mm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
4	19.5	19.5	19.5	19.5
5	19.5	19.5	19.5	19.5
6	19.5	19.5	19.5	19.5
7	19.5	19.5	19.5	19.5
8	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5
12	19.5	19.5	19.5	19.5
13	23.5	23.5	23.5	23.5
14	23.5	23.5	23.5	23.5
15	23.5	23.5	23.5	23.5
16	23.5	23.5	23.5	23.5
17	23.5	23.5	23.5	23.5
18	23.5	23.5	23.5	23.5
19	23.5	23.5	23.5	23.5

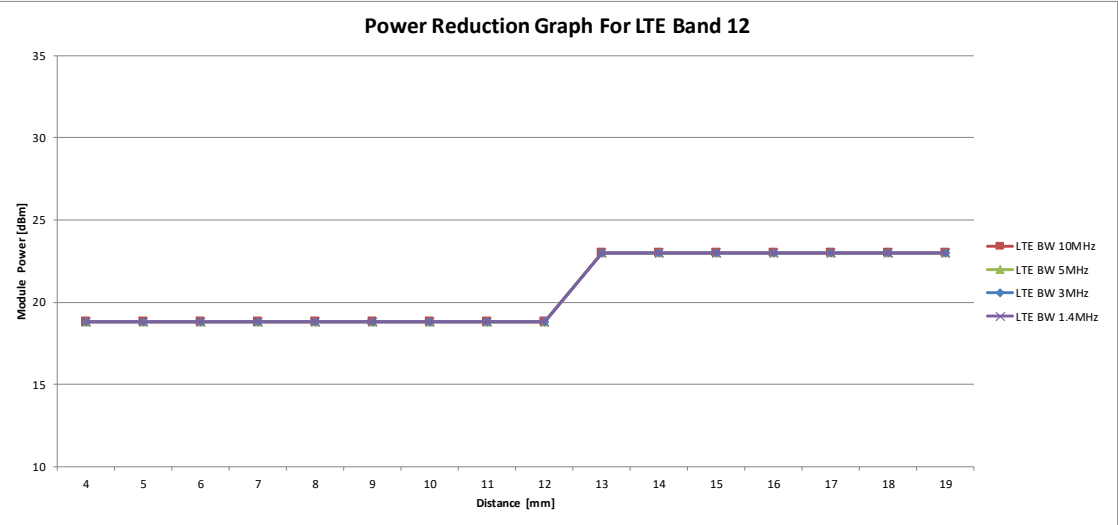
	Coverage Step LTE Band 5																		
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE BW 10MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23			
LTE BW 5MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23			
LTE BW 3MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23			
LTE BW 1.4MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23			

LTE B7

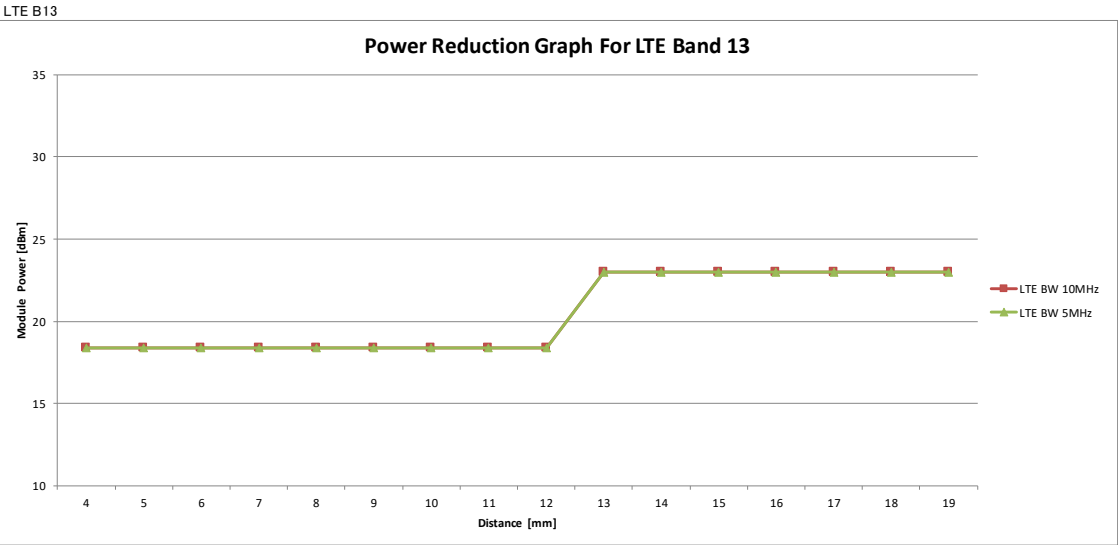


Coverage Step LTE Band 7																			
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE BW 20MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21			
LTE BW 15MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21			
LTE BW 10MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21			
LTE BW 5MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21			

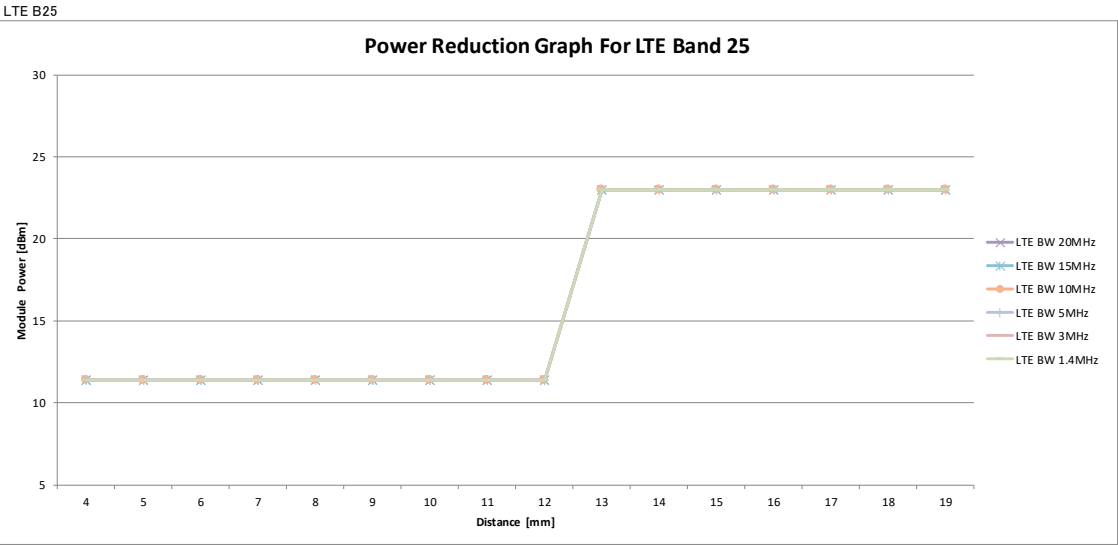
LTE B12



Coverage Step LTE Band 12																			
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	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	23	23	23	23	23	23	23			
LTE BW 5MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23			
LTE BW 3MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23			
LTE BW 1.4MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23			



	Coverage Step LTE Band 13																	
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
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		



	Coverage Step LTE Band 25																	
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF		
LTE BW 20MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 15MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 10MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 5MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 3MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 1.4MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		

Power Reduction Graph For LTE Band 26

The graph illustrates the power reduction (Module Power [dBm]) as a function of distance (Distance [mm]) for five different LTE bandwidths. The power is constant at approximately 19.5 dBm for distances from 4 mm to 12 mm. At 13 mm, the power increases sharply to approximately 23 dBm and remains constant for all subsequent distances up to 19 mm.

Distance [mm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
4	19.5	19.5	19.5	19.5	19.5
5	19.5	19.5	19.5	19.5	19.5
6	19.5	19.5	19.5	19.5	19.5
7	19.5	19.5	19.5	19.5	19.5
8	19.5	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5	19.5
12	19.5	19.5	19.5	19.5	19.5
13	23.0	23.0	23.0	23.0	23.0
14	23.0	23.0	23.0	23.0	23.0
15	23.0	23.0	23.0	23.0	23.0
16	23.0	23.0	23.0	23.0	23.0
17	23.0	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0	23.0

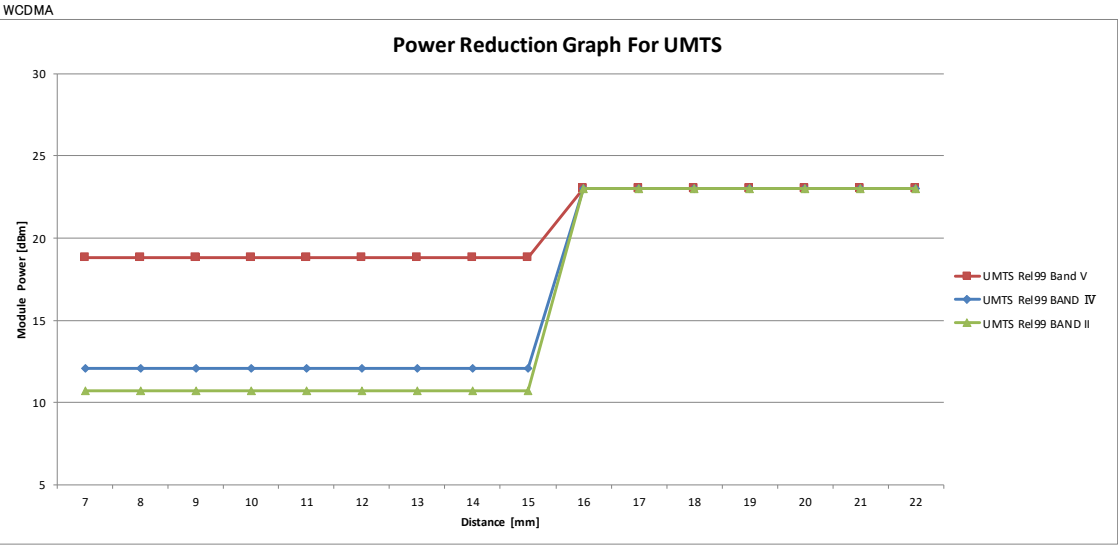
		Coverage Step LTE Band 26																	
Difference	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE.BW 15MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 10MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 5MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 3MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 1.4MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			

Power Reduction Graph For LTE Band 41

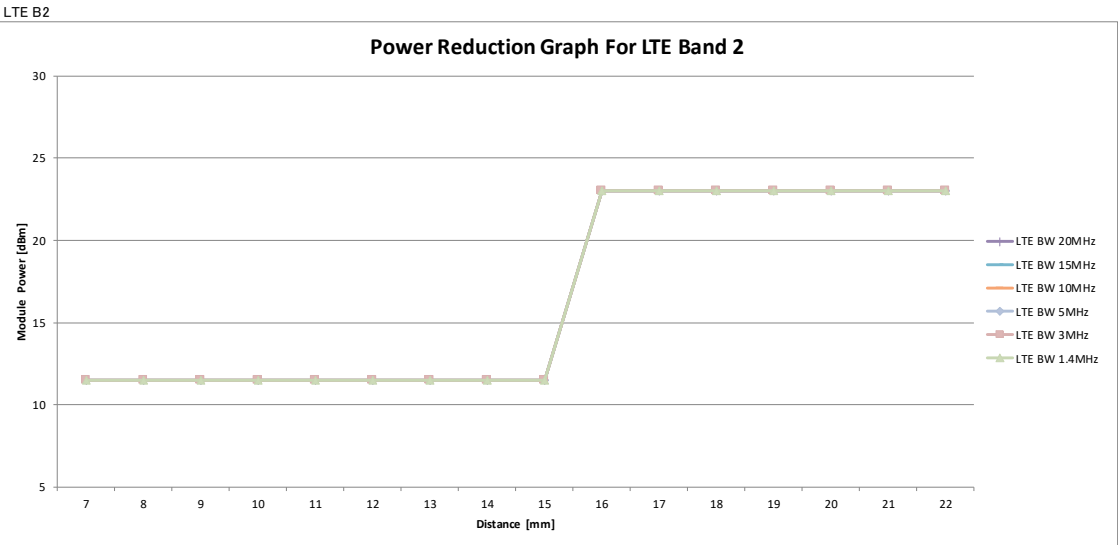
Distance [mm]	LTE BW 20MHz [dBm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]
4	13.5	13.5	13.5	13.5
5	13.5	13.5	13.5	13.5
6	13.5	13.5	13.5	13.5
7	13.5	13.5	13.5	13.5
8	13.5	13.5	13.5	13.5
9	13.5	13.5	13.5	13.5
10	13.5	13.5	13.5	13.5
11	13.5	13.5	13.5	13.5
12	13.5	13.5	13.5	13.5
13	22.0	22.0	22.0	22.0
14	22.0	22.0	22.0	22.0
15	22.0	22.0	22.0	22.0
16	22.0	22.0	22.0	22.0
17	22.0	22.0	22.0	22.0
18	22.0	22.0	22.0	22.0
19	22.0	22.0	22.0	22.0

	Coverage Step LTE Band 41																		
Distance	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE BW 20MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22			
LTE BW 15MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22			
LTE BW 10MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22			
LTE BW 5MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22			

[Edge2 45deg]

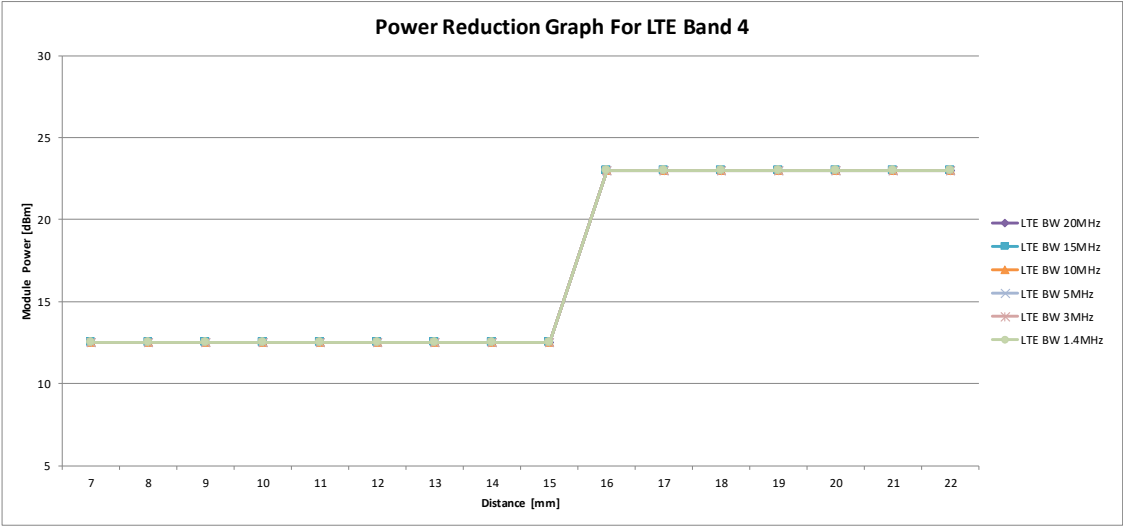


	Coverage Step UMTS															
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
UMTS Rel99 Band V	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23
UMTS Rel99 BAND IV	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	23	23	23	23	23	23	23
UMTS Rel99 BAND II	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	23	23	23	23	23	23	23



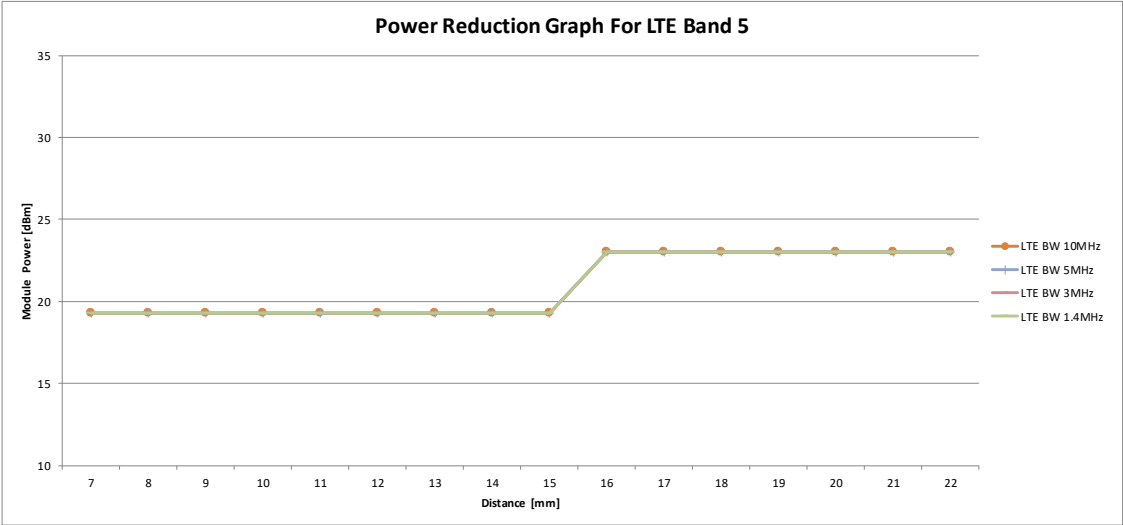
	Coverage Step LTE Band 2															
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 15MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 10MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 5MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 3MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 1.4MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23

LTE B4



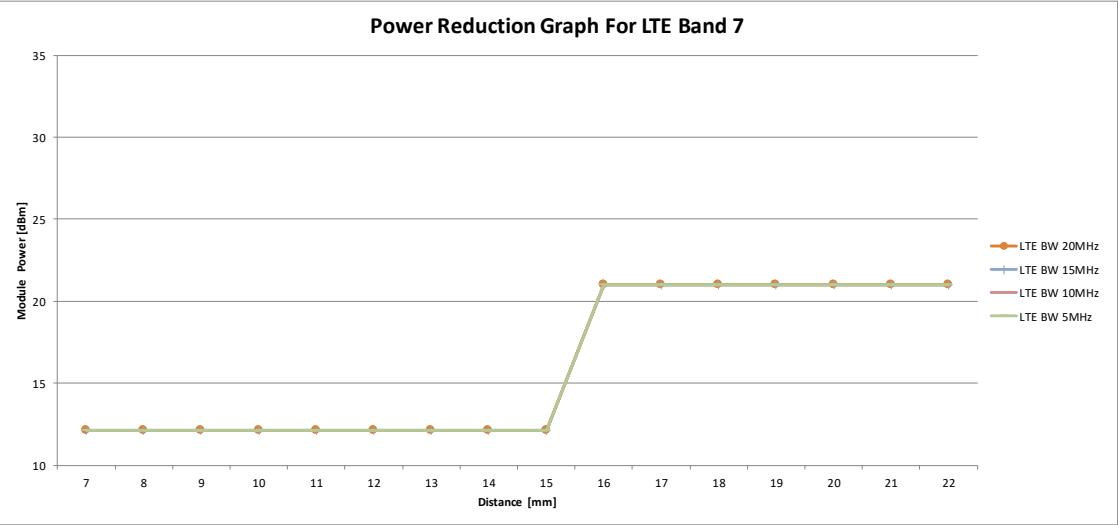
	Coverage Step LTE Band 4																	
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF		
LTE BW 20MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		
LTE BW 15MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		
LTE BW 10MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		
LTE BW 5MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		
LTE BW 3MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		
LTE BW 1.4MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23		

LTE B5



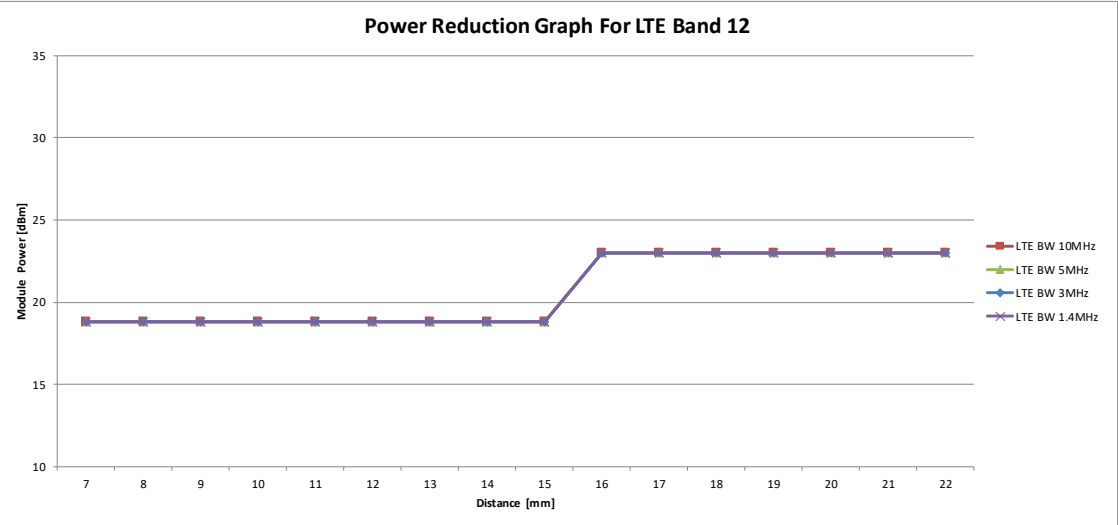
	Coverage Step LTE Band 5															
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 5MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 3MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 1.4MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23

LTE B7

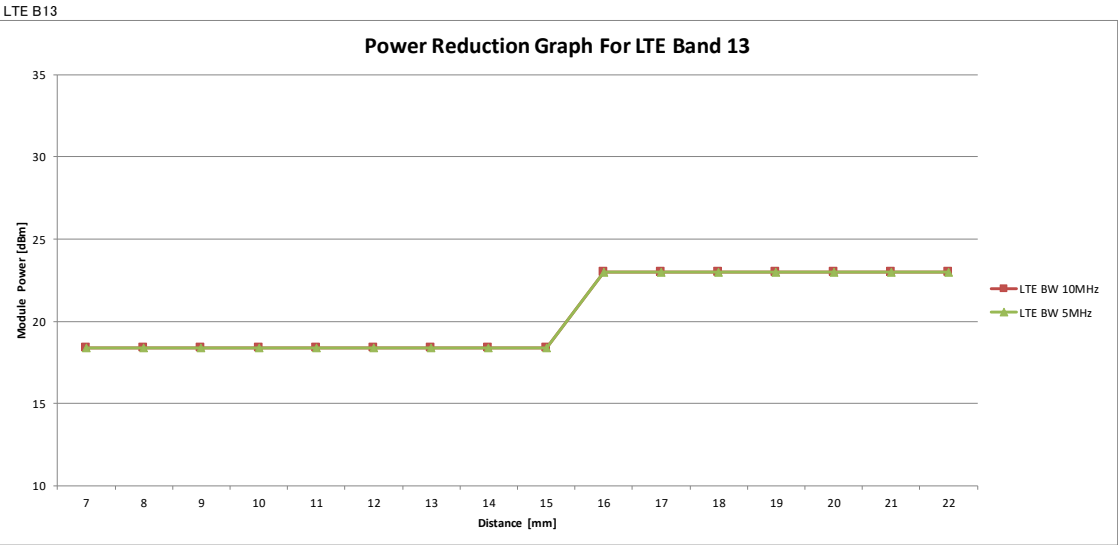


Coverage Step LTE Band 7																					
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF					
LTE BW 20MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21					
LTE BW 15MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21					
LTE BW 10MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21					
LTE BW 5MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21					

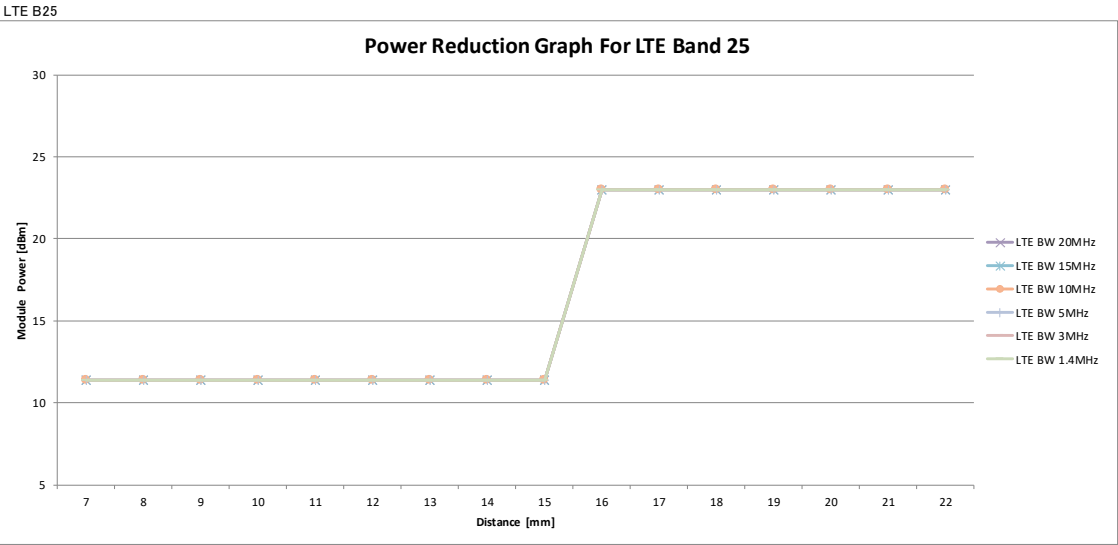
LTE B12



Coverage Step LTE Band 12																					
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	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	23	23	23	23	23	23	23					
LTE BW 5MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23					
LTE BW 3MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23					
LTE BW 1.4MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23					

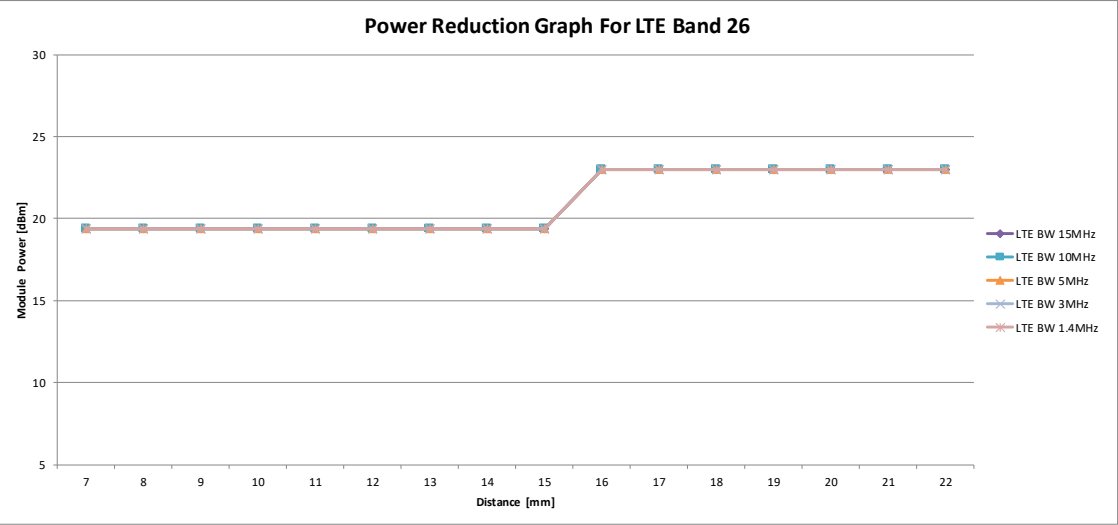


	Coverage Step LTE Band 13																
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 10MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23	
LTE BW 5MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23	



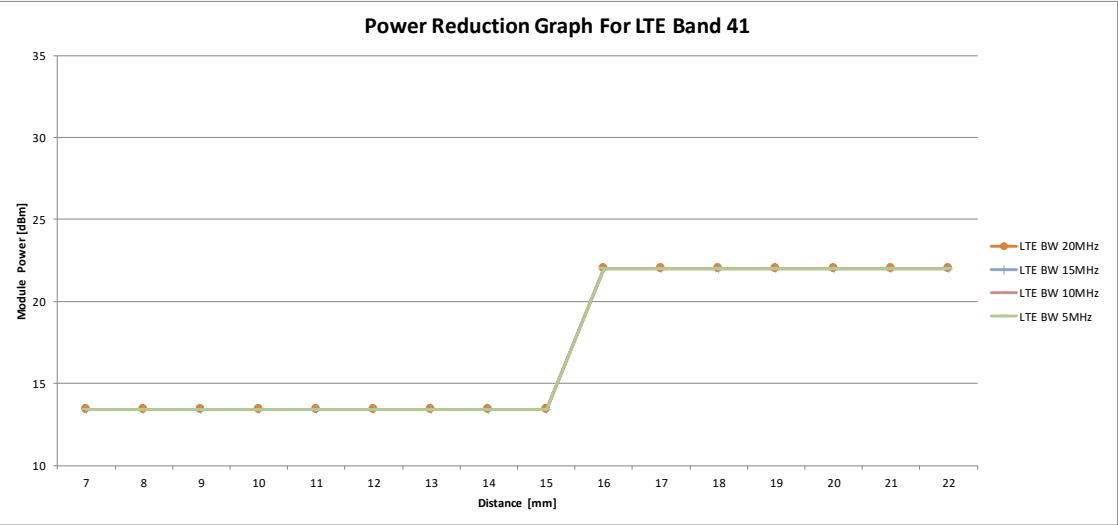
	Coverage Step LTE Band 25																					
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22						
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF						
LTE BW 20MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						
LTE BW 15MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						
LTE BW 10MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						
LTE BW 5MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						
LTE BW 3MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						
LTE BW 1.4MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23						

LTE B26



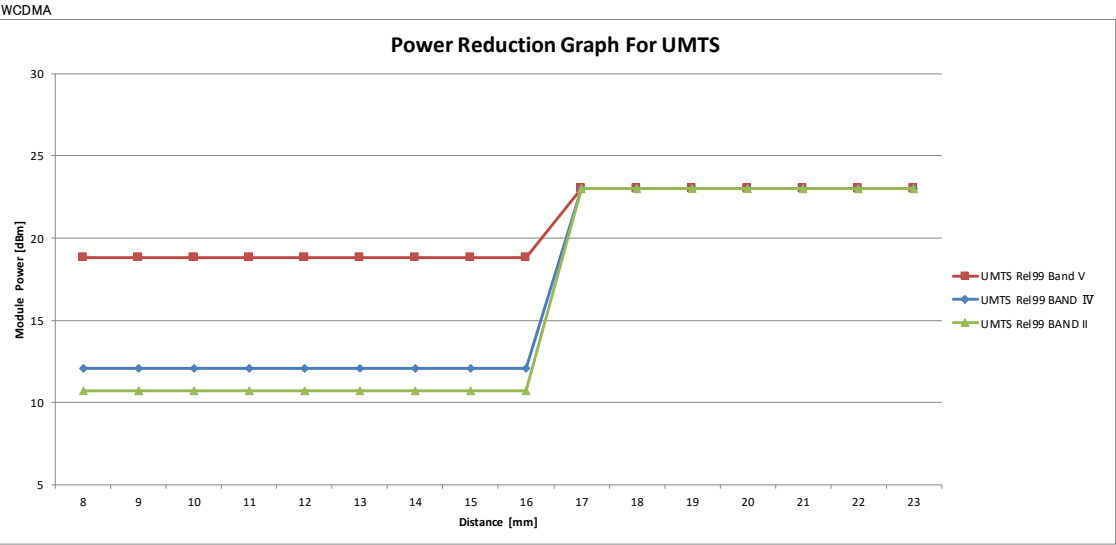
Coverage Step LTE Band 26																					
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF					
LTE BW 15MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23					
LTE BW 10MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23					
LTE BW 5MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23					
LTE BW 3MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23					
LTE BW 1.4MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23					

LTE B41

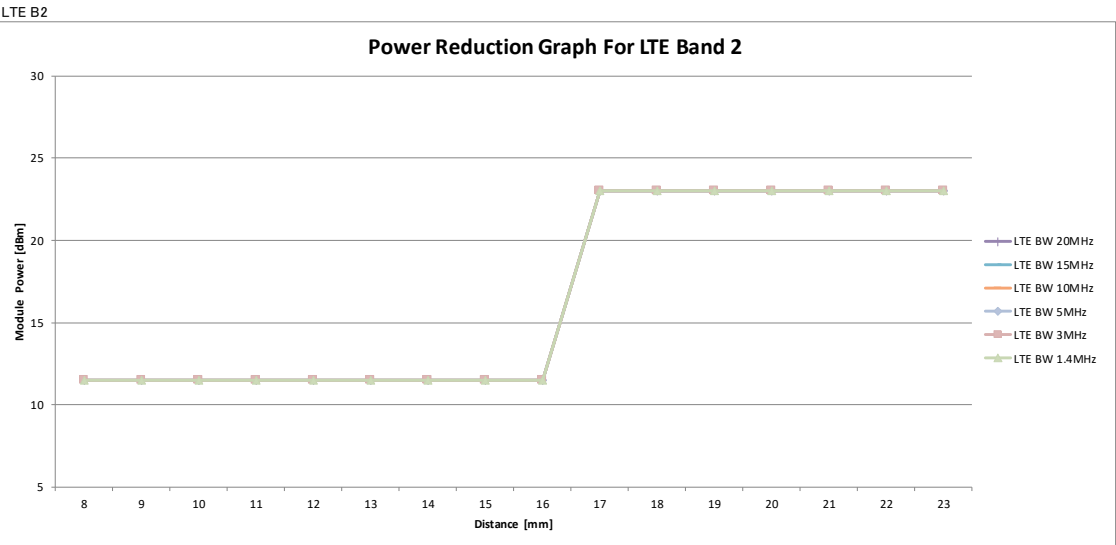


Coverage Step LTE Band 41																					
Distance	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22					
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF					
LTE BW 20MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22					
LTE BW 15MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22					
LTE BW 10MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22					
LTE BW 5MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22					

[Edge2]

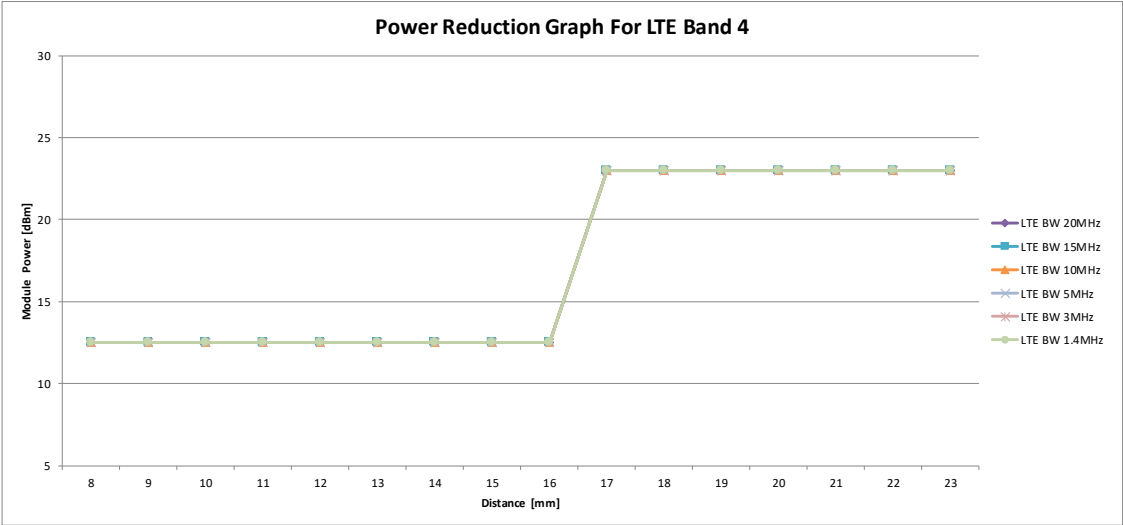


	Coverage Step UMTS																
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
UMTS Rel99 Band V	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23	
UMTS Rel99 BAND IV	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	23	23	23	23	23	23	23	
UMTS Rel99 BAND II	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	23	23	23	23	23	23	23	



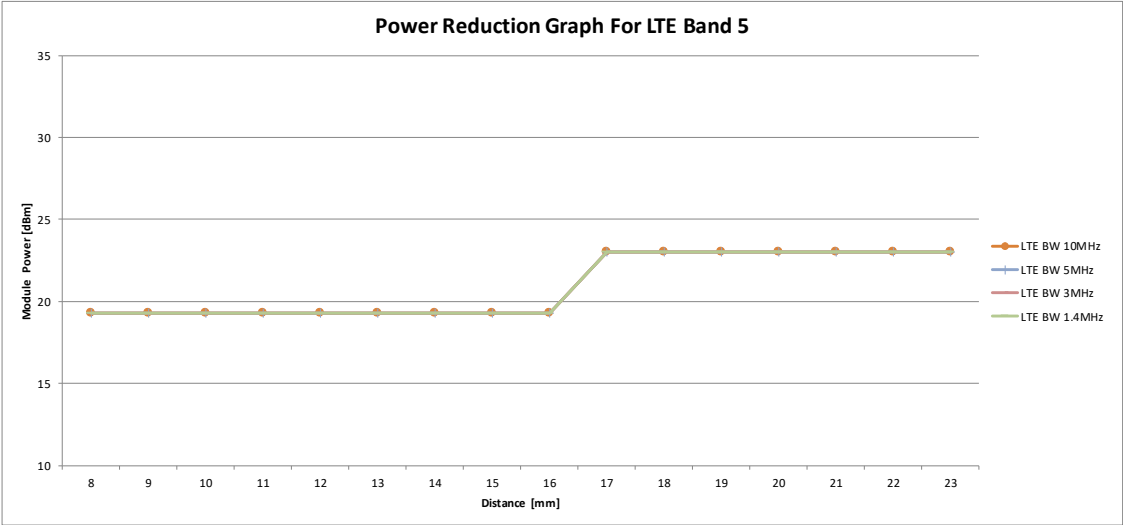
	Coverage Step LTE Band 2																
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 20MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	
LTE BW 15MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	
LTE BW 10MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	
LTE BW 5MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	
LTE BW 3MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	
LTE BW 1.4MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23	

LTE B4



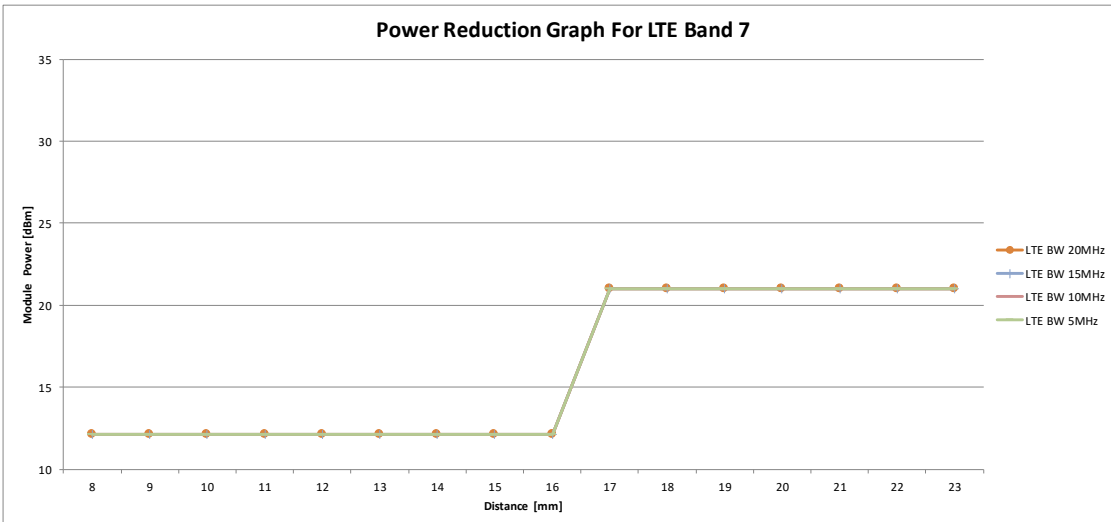
	Coverage Step LTE Band 4															
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 15MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 10MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 5MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 3MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 1.4MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23

LTE B5



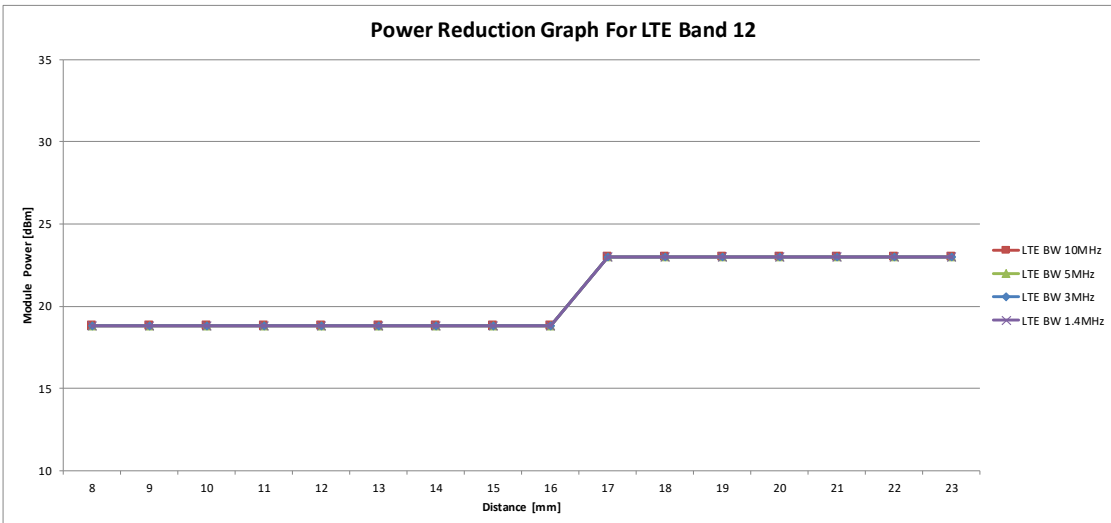
	Coverage Step LTE Band 5															
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 5MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 3MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 1.4MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23

LTE B7



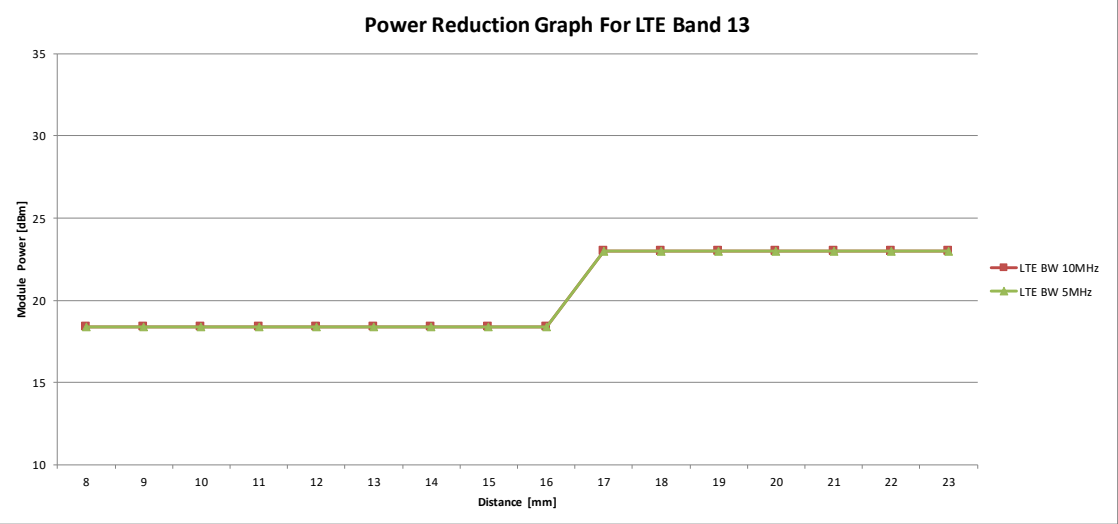
	Coverage Step LTE Band 7																
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
LTE BW 20MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21	
LTE BW 15MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21	
LTE BW 10MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21	
LTE BW 5MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21	

LTE B12



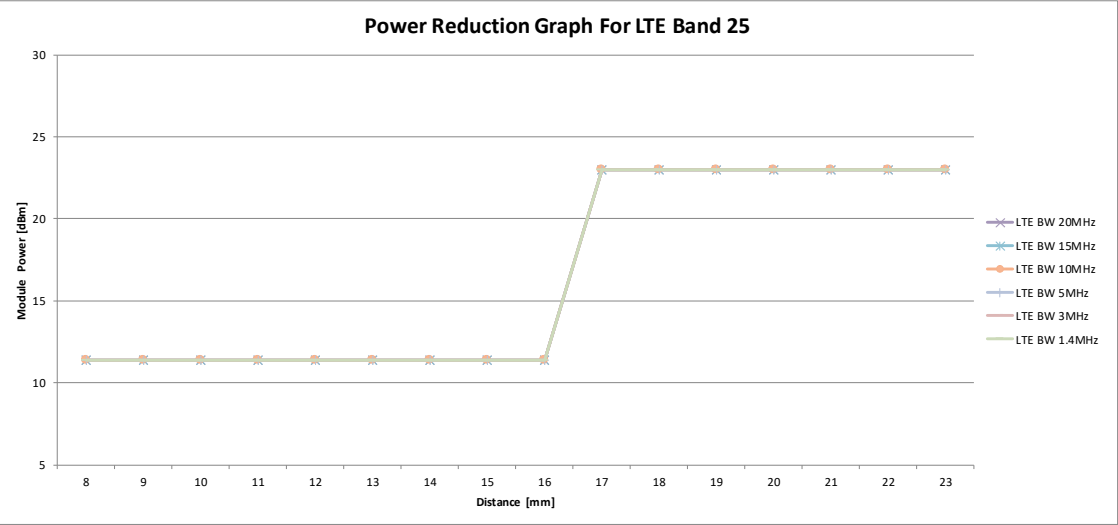
	Coverage Step LTE Band 12																					
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23						
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF						
LTE BW 10MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23						
LTE BW 5MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23						
LTE BW 3MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23						
LTE BW 1.4MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23						

LTE B13



	Coverage Step LTE Band 13																	
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
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 B25



	Coverage Step LTE Band 25																	
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF		
LTE BW 20MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 15MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 10MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 5MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 3MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		
LTE BW 1.4MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23		

Distance [mm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]	LTE BW 3MHz [dBm]	LTE BW 1.4MHz [dBm]
8	19.5	19.5	19.5	19.5	19.5
9	19.5	19.5	19.5	19.5	19.5
10	19.5	19.5	19.5	19.5	19.5
11	19.5	19.5	19.5	19.5	19.5
12	19.5	19.5	19.5	19.5	19.5
13	19.5	19.5	19.5	19.5	19.5
14	19.5	19.5	19.5	19.5	19.5
15	19.5	19.5	19.5	19.5	19.5
16	19.5	19.5	19.5	19.5	19.5
17	23.0	23.0	23.0	23.0	23.0
18	23.0	23.0	23.0	23.0	23.0
19	23.0	23.0	23.0	23.0	23.0
20	23.0	23.0	23.0	23.0	23.0
21	23.0	23.0	23.0	23.0	23.0
22	23.0	23.0	23.0	23.0	23.0
23	23.0	23.0	23.0	23.0	23.0

		Coverage Step LTE Band 26																	
Difference	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23			
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF			
LTE.BW 15MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 10MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 5MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 3MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			
LTE.BW 1.4MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23			

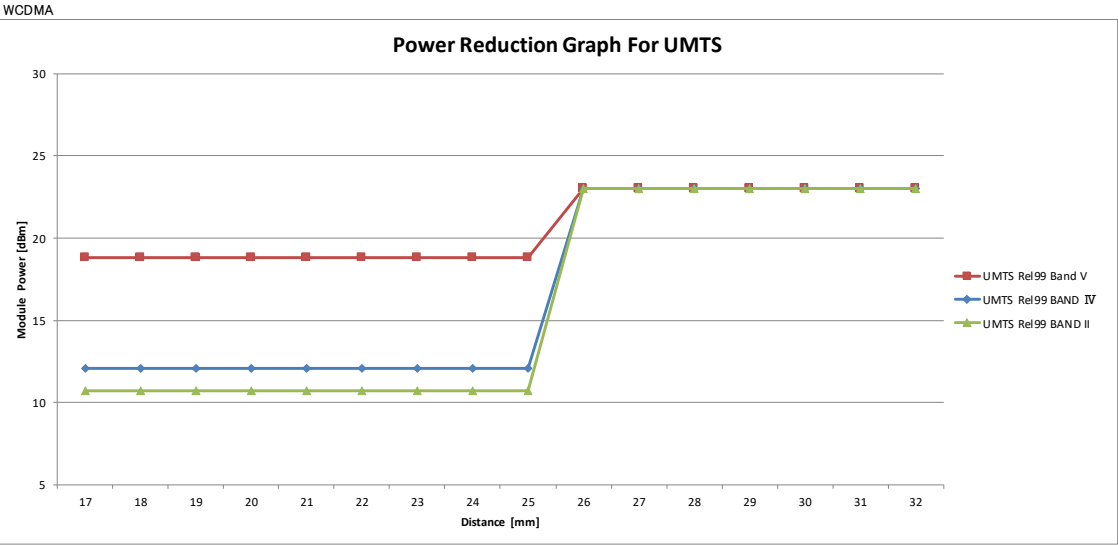
Power Reduction Graph For LTE Band 41

The graph illustrates the module power in dBm as a function of distance in mm for four different LTE bandwidths: 20MHz, 15MHz, 10MHz, and 5MHz. The power remains constant at approximately 13.5 dBm for distances from 8 mm to 16 mm. At 17 mm, the power increases sharply to approximately 22 dBm and remains constant for the rest of the measured distance up to 23 mm.

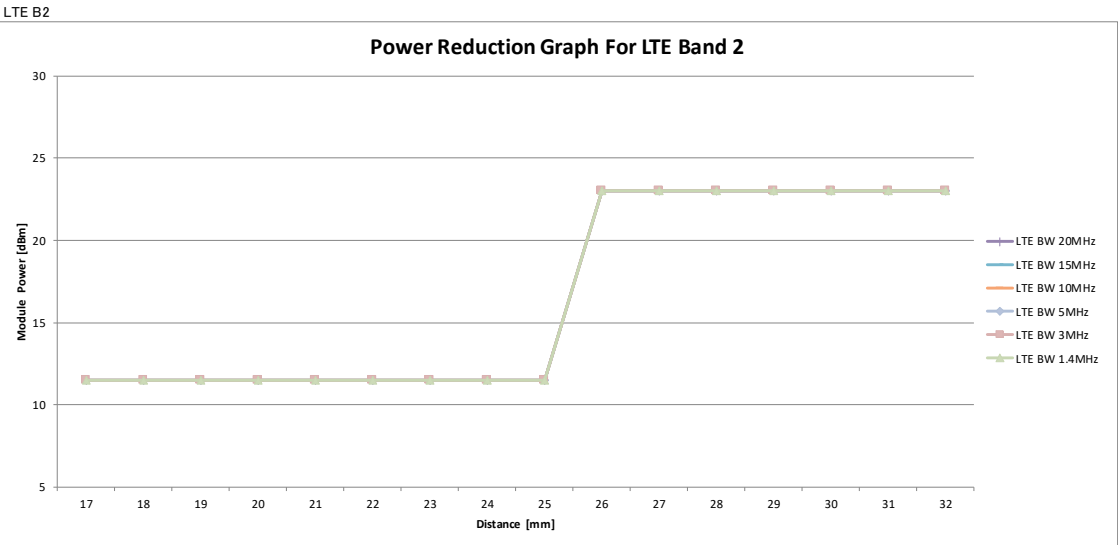
Distance [mm]	LTE BW 20MHz [dBm]	LTE BW 15MHz [dBm]	LTE BW 10MHz [dBm]	LTE BW 5MHz [dBm]
8	13.5	13.5	13.5	13.5
9	13.5	13.5	13.5	13.5
10	13.5	13.5	13.5	13.5
11	13.5	13.5	13.5	13.5
12	13.5	13.5	13.5	13.5
13	13.5	13.5	13.5	13.5
14	13.5	13.5	13.5	13.5
15	13.5	13.5	13.5	13.5
16	13.5	13.5	13.5	13.5
17	22.0	22.0	22.0	22.0
18	22.0	22.0	22.0	22.0
19	22.0	22.0	22.0	22.0
20	22.0	22.0	22.0	22.0
21	22.0	22.0	22.0	22.0
22	22.0	22.0	22.0	22.0
23	22.0	22.0	22.0	22.0

	Coverage Step LTE Band 41																						
Distance	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF							
LTE BW 20MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22							
LTE BW 15MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22							
LTE BW 10MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22							
LTE BW 5MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22							

[Bottom]

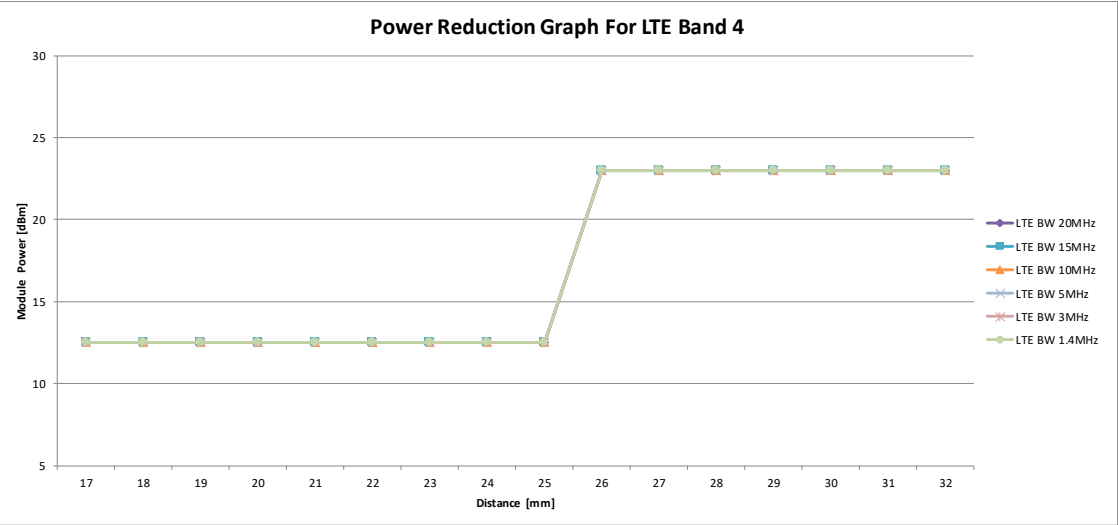


	Coverage Step UMTS															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
UMTS Rel99 Band V	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23
UMTS Rel99 BAND IV	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	23	23	23	23	23	23	23
UMTS Rel99 BAND II	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	23	23	23	23	23	23	23



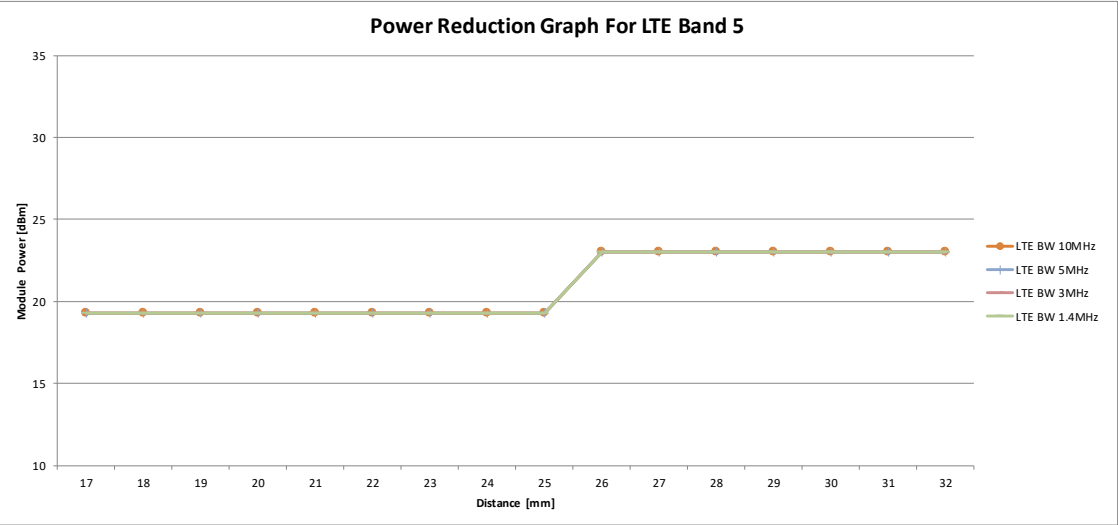
	Coverage Step LTE Band 2															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 15MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 10MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 5MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 3MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23
LTE BW 1.4MHz	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	23	23	23	23	23	23	23

LTE B4



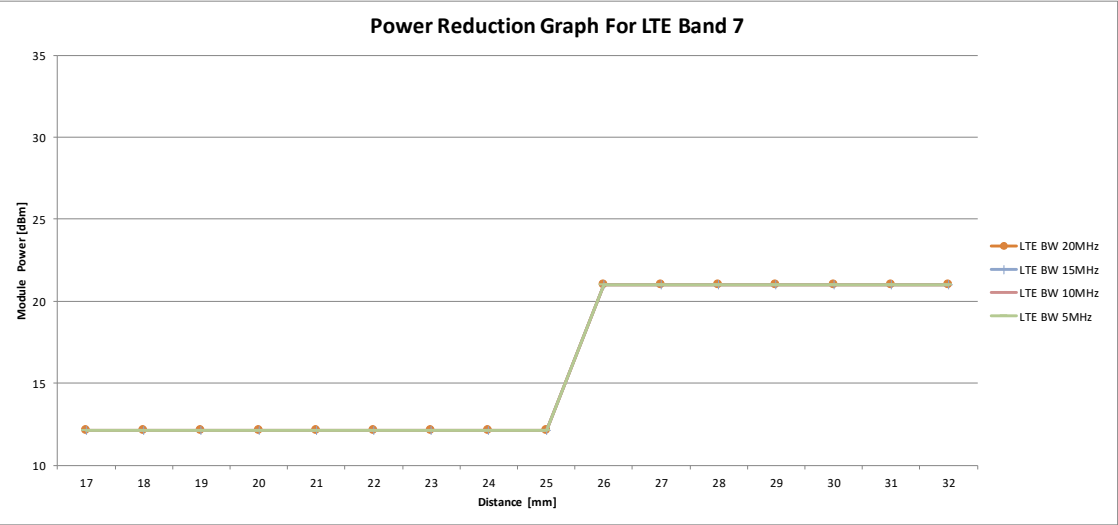
Distance	Coverage Step LTE Band 4															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 15MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 10MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 5MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 3MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23
LTE BW 1.4MHz	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	23	23	23	23	23	23	23

LTE B5



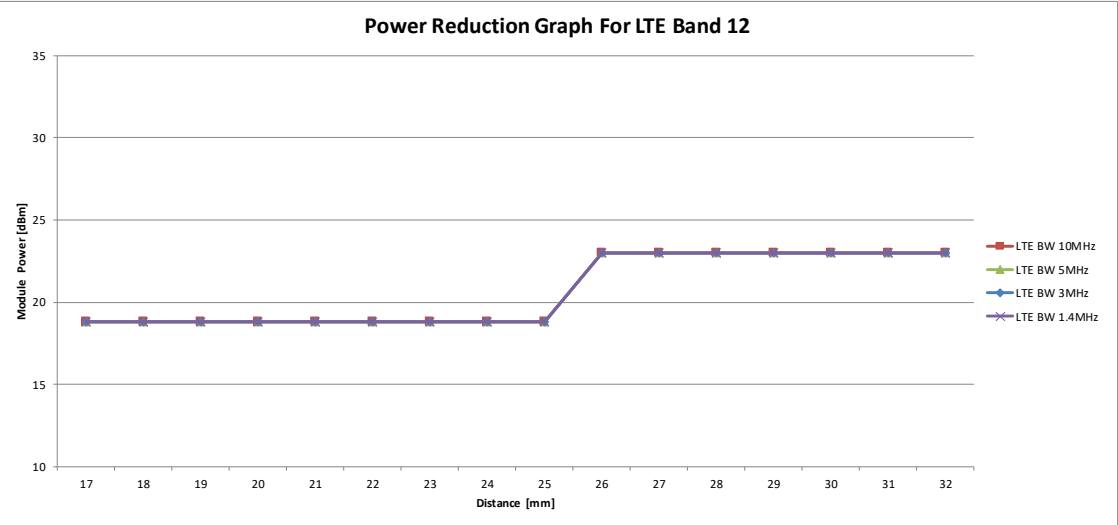
Distance	Coverage Step LTE Band 5															
	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 5MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 3MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23
LTE BW 1.4MHz	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	23	23	23	23	23	23	23

LTE B7



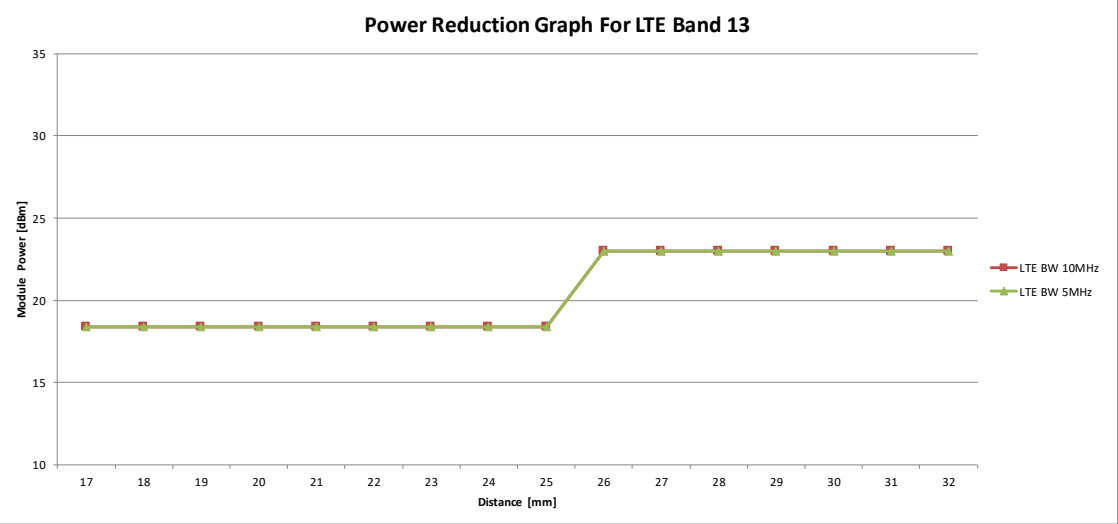
	Coverage Step LTE Band 7															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21
LTE BW 15MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21
LTE BW 10MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21
LTE BW 5MHz	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	21	21	21	21	21	21	21

LTE B12



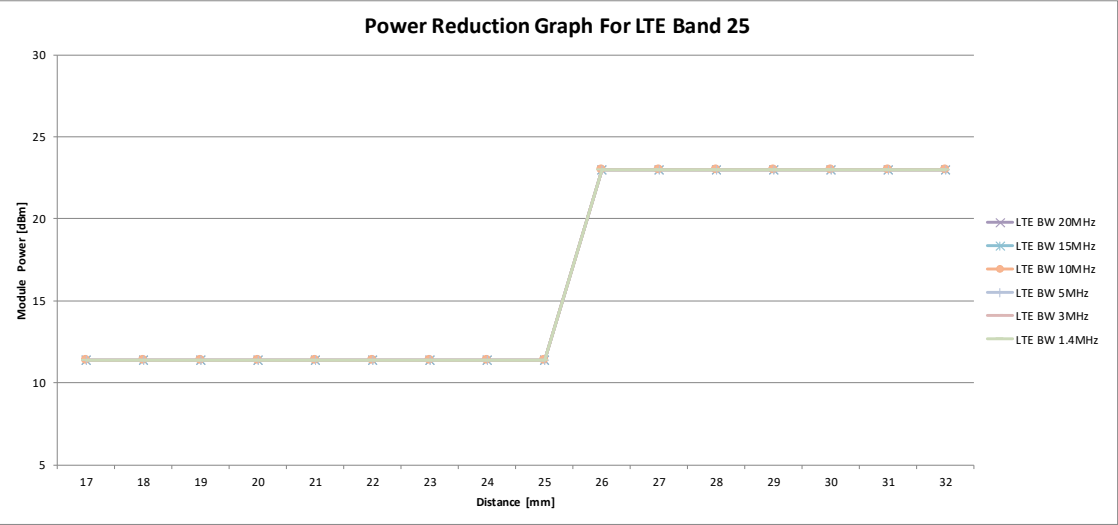
	Coverage Step LTE Band 12															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23
LTE BW 5MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23
LTE BW 3MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23
LTE BW 1.4MHz	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	23	23	23	23	23	23	23

LTE B13



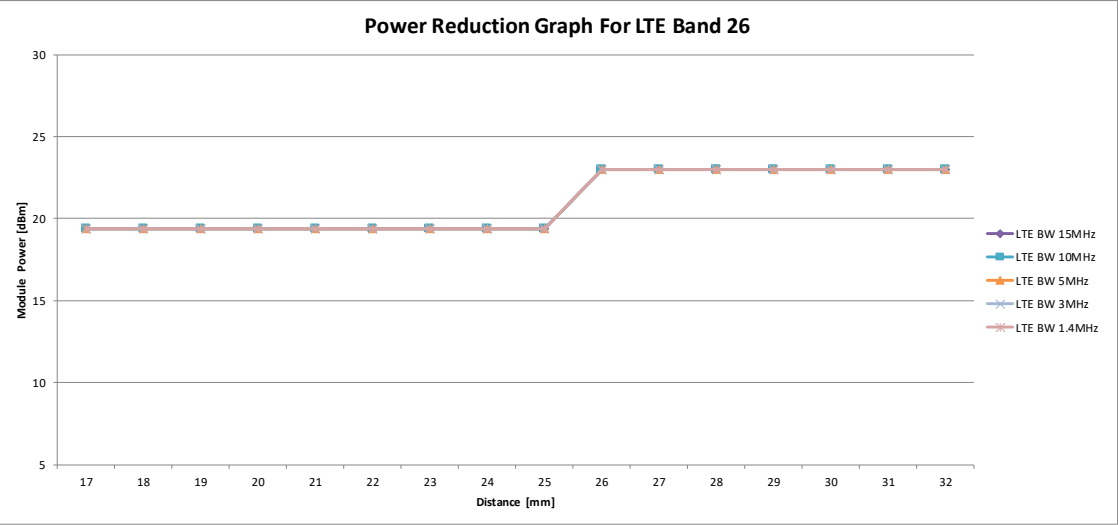
	Coverage Step LTE Band 13															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 10MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23
LTE BW 5MHz	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	23	23	23	23	23	23	23

LTE B25



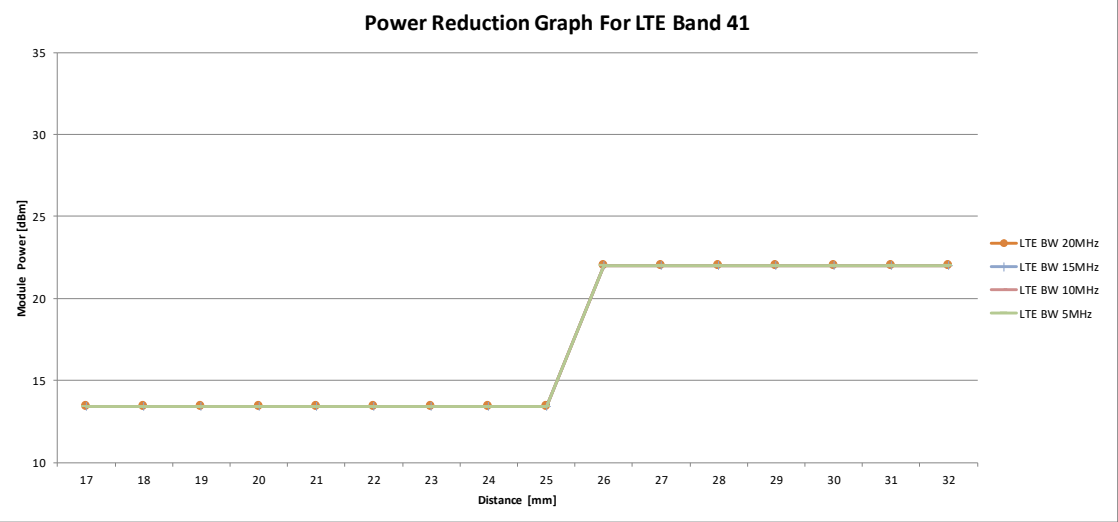
	Coverage Step LTE Band 25															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23
LTE BW 15MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23
LTE BW 10MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23
LTE BW 5MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23
LTE BW 3MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23
LTE BW 1.4MHz	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	23	23	23	23	23	23	23

LTE B26



	Coverage Step LTE Band 26																															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32																
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF																
LTE BW 15MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23																
LTE BW 10MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23																
LTE BW 5MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23																
LTE BW 3MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23																
LTE BW 1.4MHz	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	23	23	23	23	23	23	23																

LTE B41



	Coverage Step LTE Band 41															
Distance	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DPR	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LTE BW 20MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22
LTE BW 15MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22
LTE BW 10MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22
LTE BW 5MHz	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	22	22	22	22	22	22	22