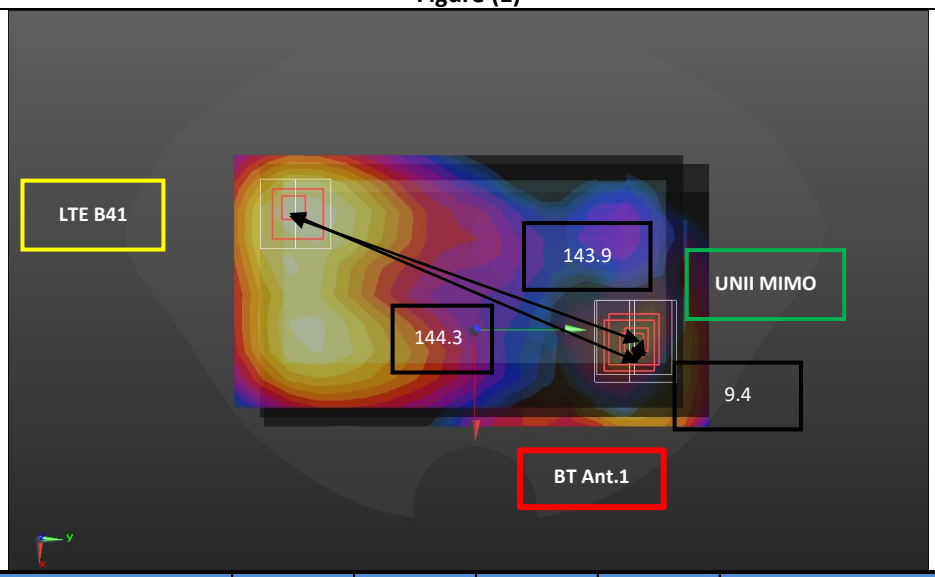
Appendix H SPLSR criteria plots

Figure (1)

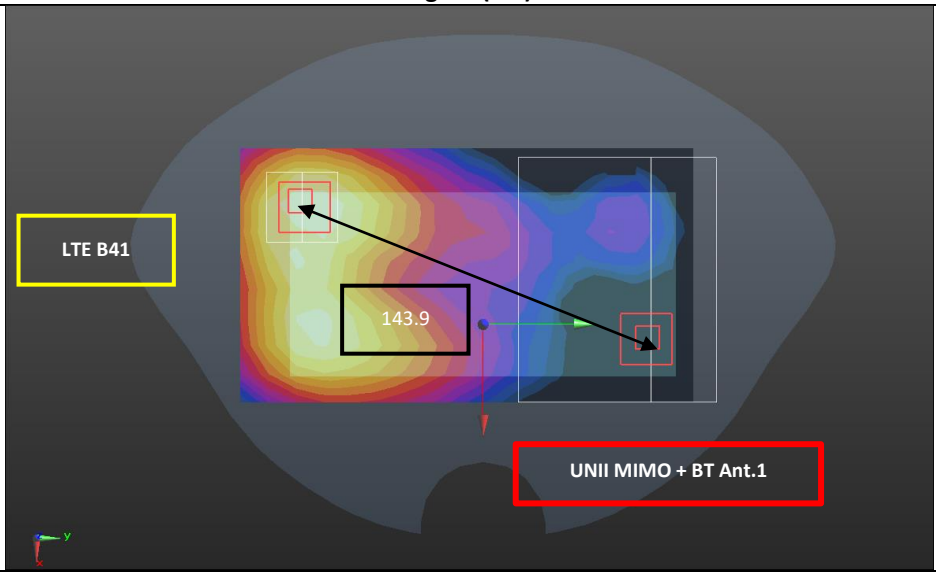


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	144.3
BT Ant.1	3	0.135	0.0302	0.0692	0.0000	2 + 3	9.4

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (1-a)

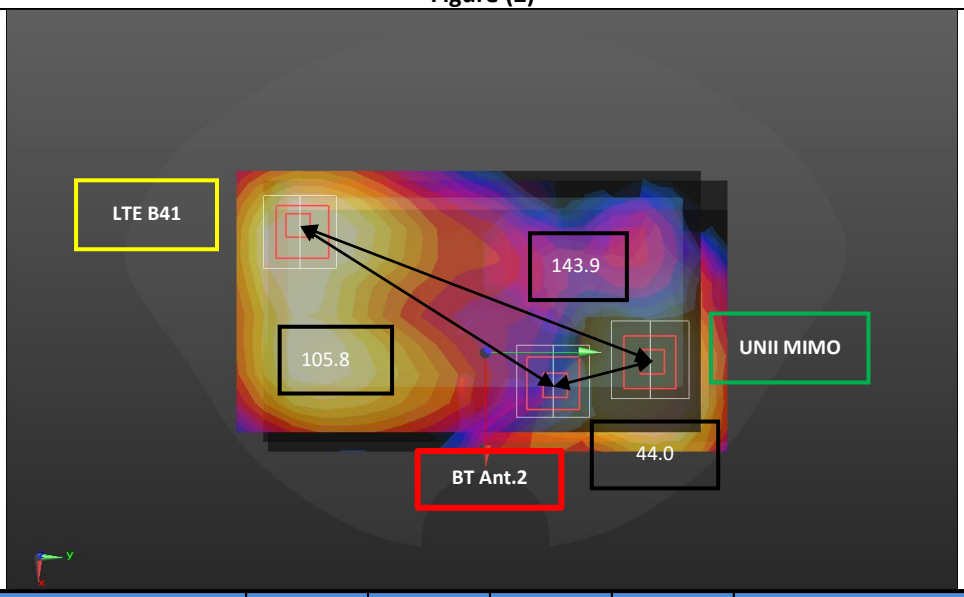


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + BT Ant.1	2	1.270	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (2)

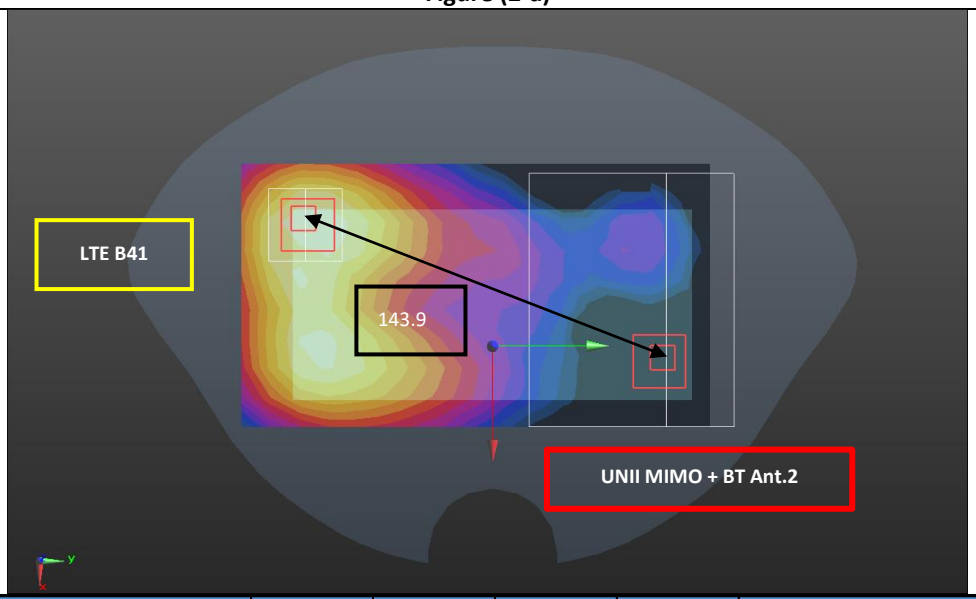


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	105.8
BT Ant.2	3	0.391	0.0378	0.0290	0.0000	2 + 3	44.0

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (2-a)

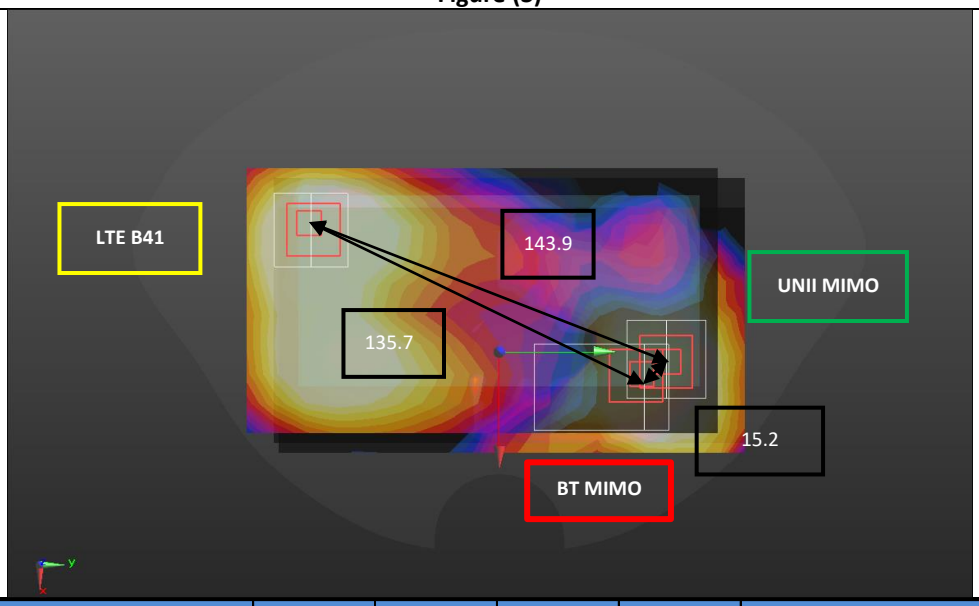


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + BT Ant.2	2	1.300	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (3)

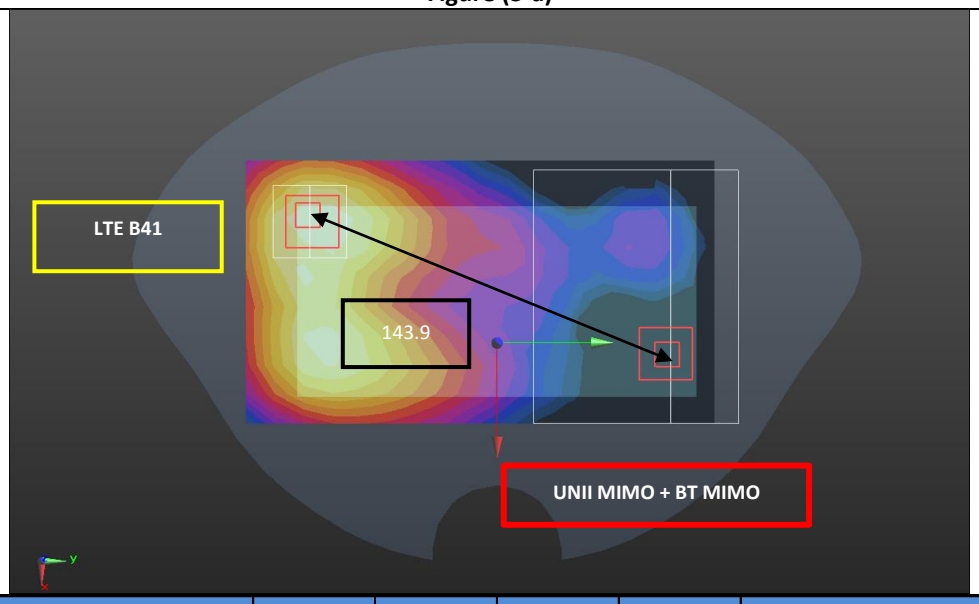


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	135.7
BT MIMO	3	0.141	0.0328	0.0602	0.0000	2 + 3	15.2

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (3-a)

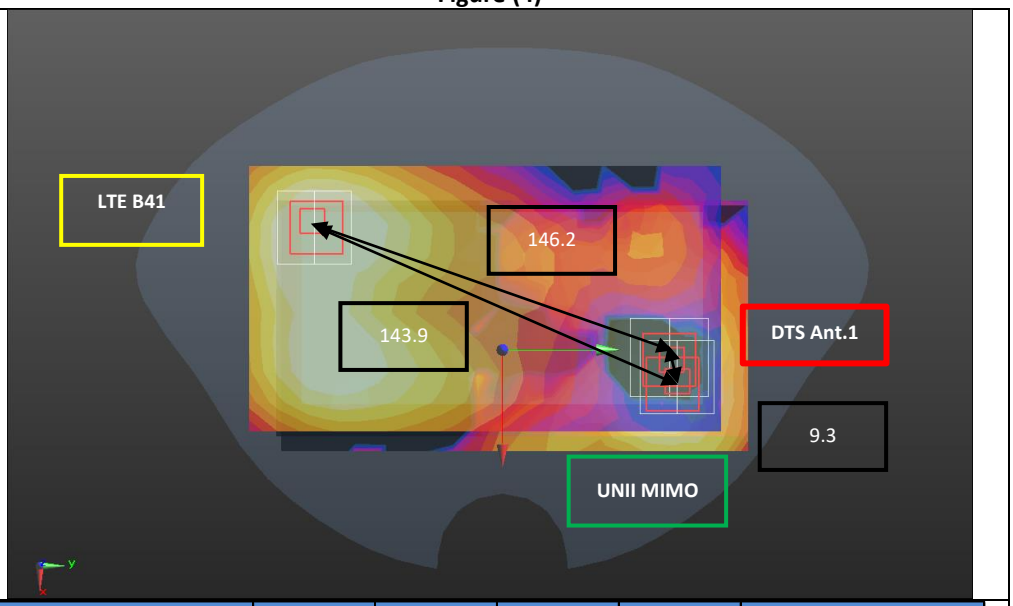


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + BT MIMO	2	1.250	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (4)

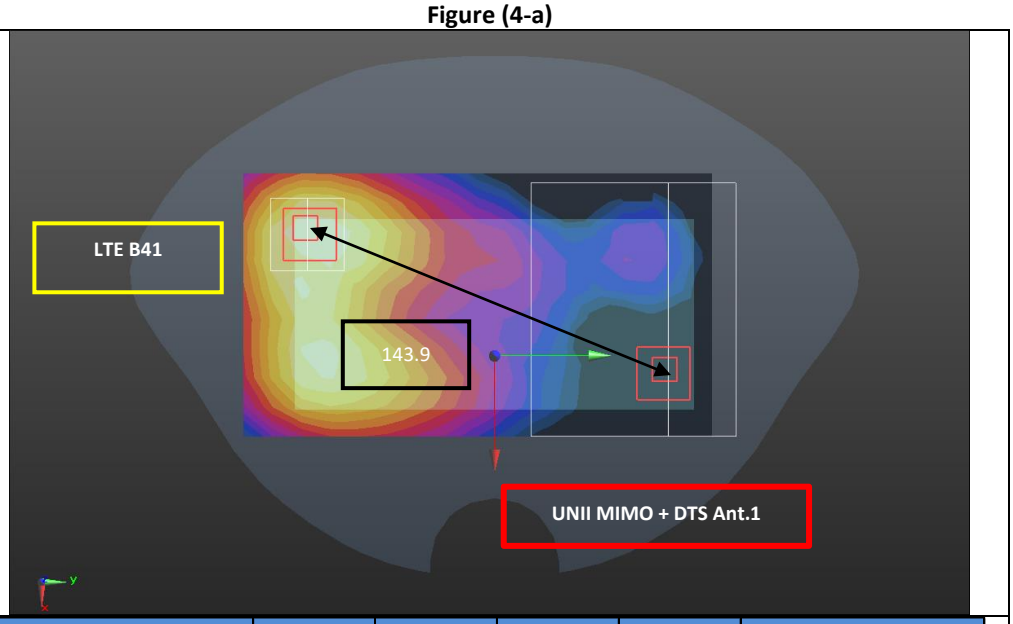


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	146.2
DTS Ant.1	2	0.183	0.0300	0.0712	0.0000	1 + 3	143.9
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	9.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (4-a)

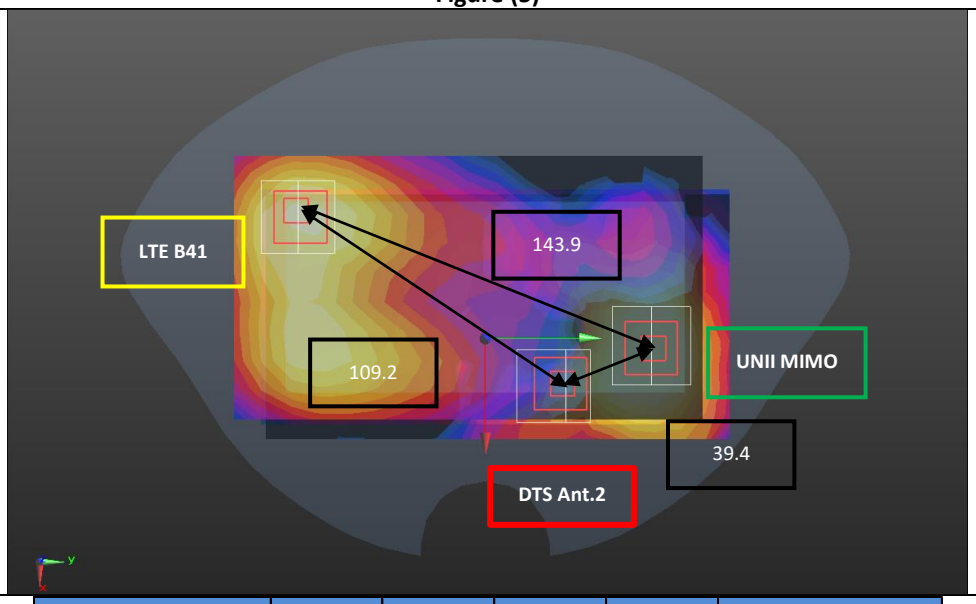


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + DTS Ant 1	2	1.27	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (5)

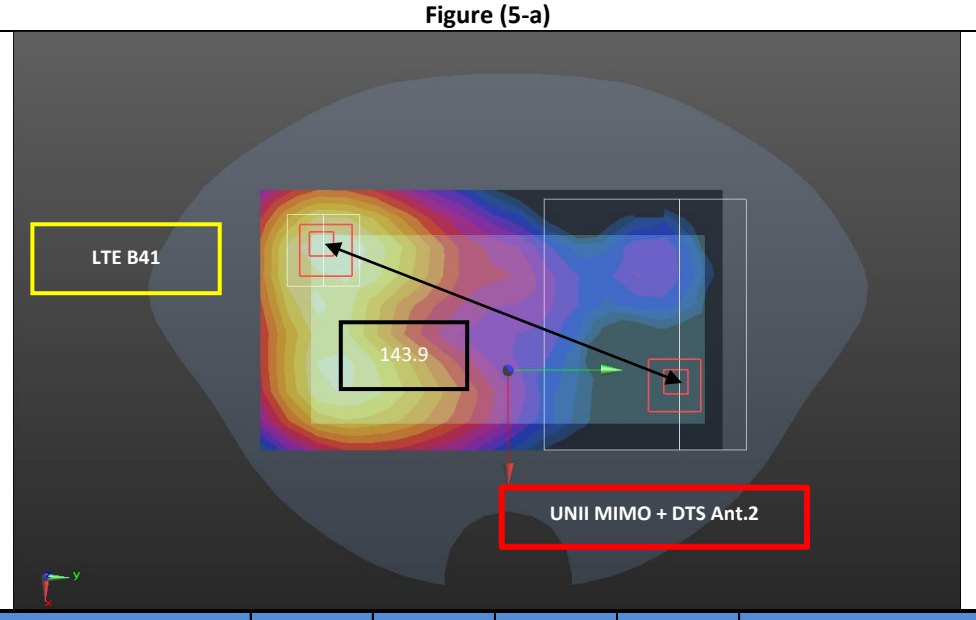


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.45	0.0144	-0.0742	0.0000	1 + 2	109.2
DTS Ant.2	2	0.366	0.0354	0.0330	0.0000	1 + 3	143.9
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	39.4

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (5-a)

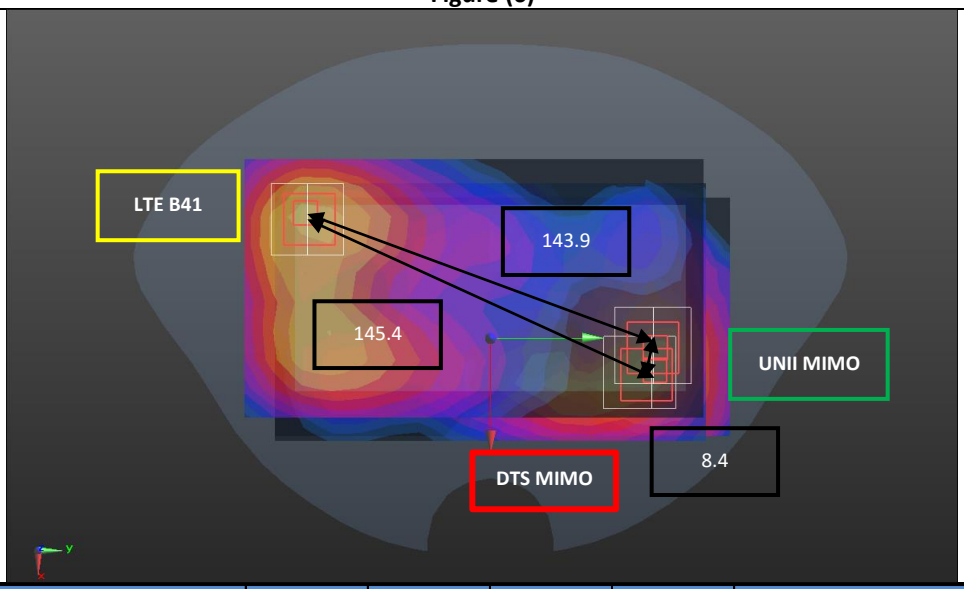


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + DTS Ant 2	2	1.31	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (6)

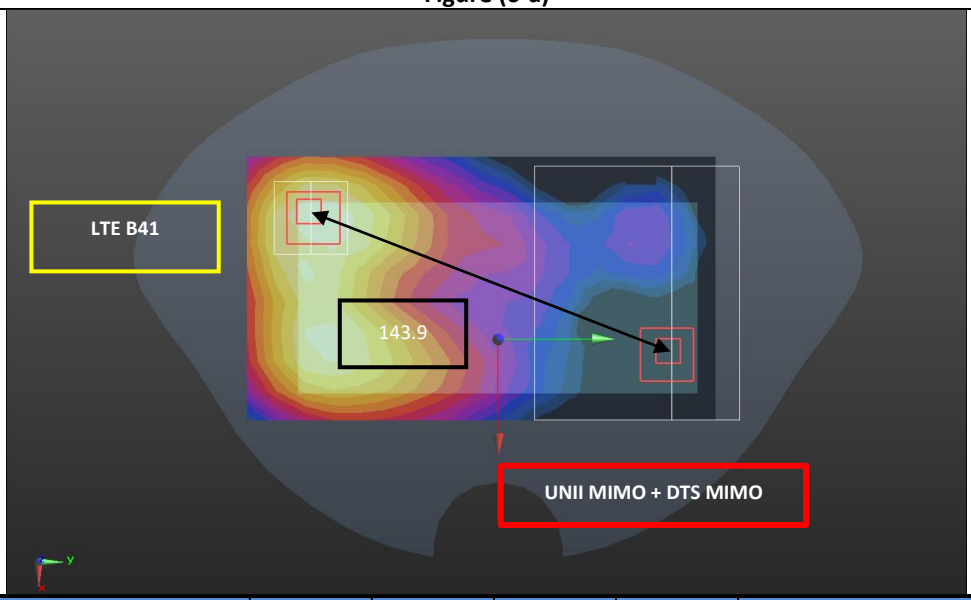


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	145.4
DTS MIMO	2	0.211	0.0292	0.0704	0.0000	1 + 3	143.9
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	8.4

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (6-a)

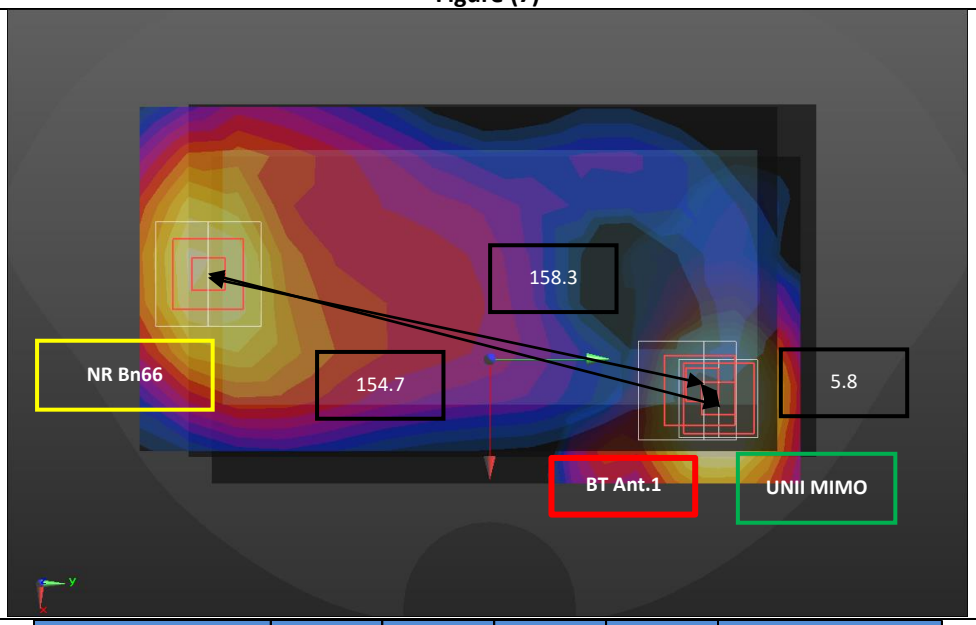


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B41	1	0.450	0.0144	-0.0742	0.0000	1 + 2	143.9
UNII MIMO + DTS MIMO	2	1.3	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (7)

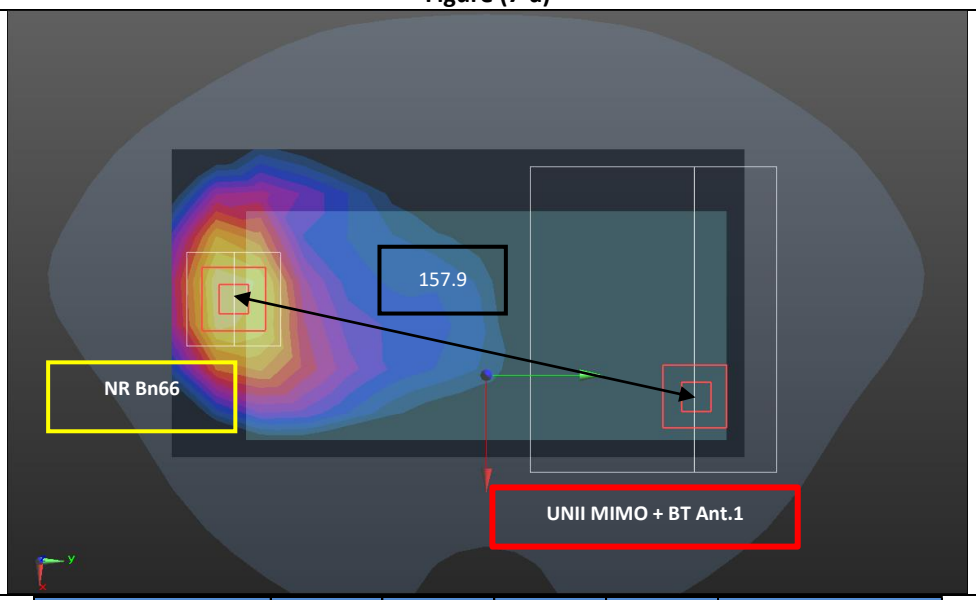


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.627	-0.0055	-0.0845	0.0000	1 + 2	158.3
UNII MIMO	2	1.137	0.0290	0.0700	0.0000	1 + 3	154.7
BT Ant.1	3	0.042	0.0326	0.0654	0.0000	2 + 3	5.8

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (7-a)

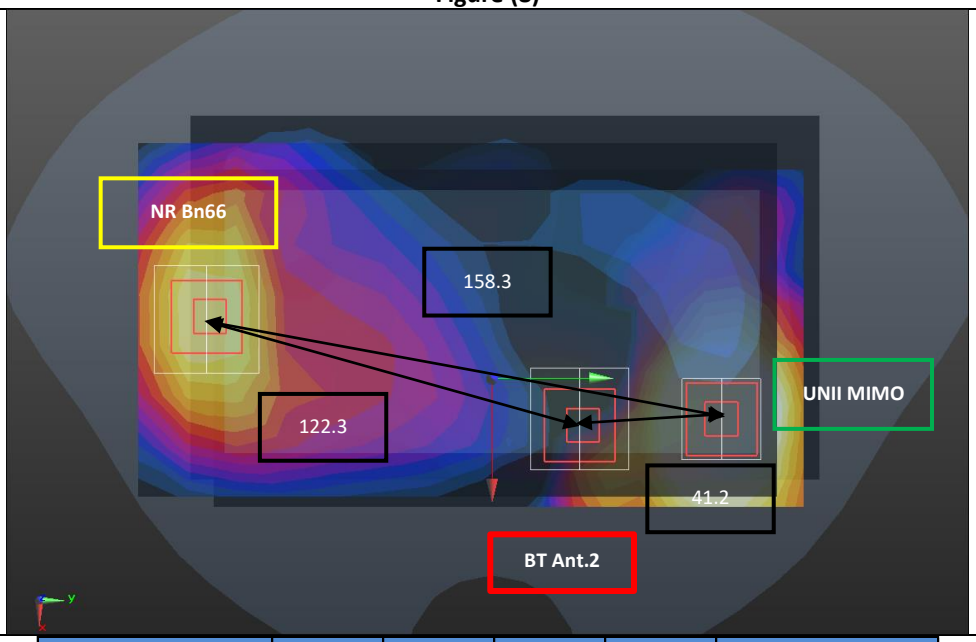


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.627	-0.0055	-0.0845	0.0000	1 + 2	157.9
UNII MIMO + BT Ant.1	2	1.110	0.0220	0.0710	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (8)

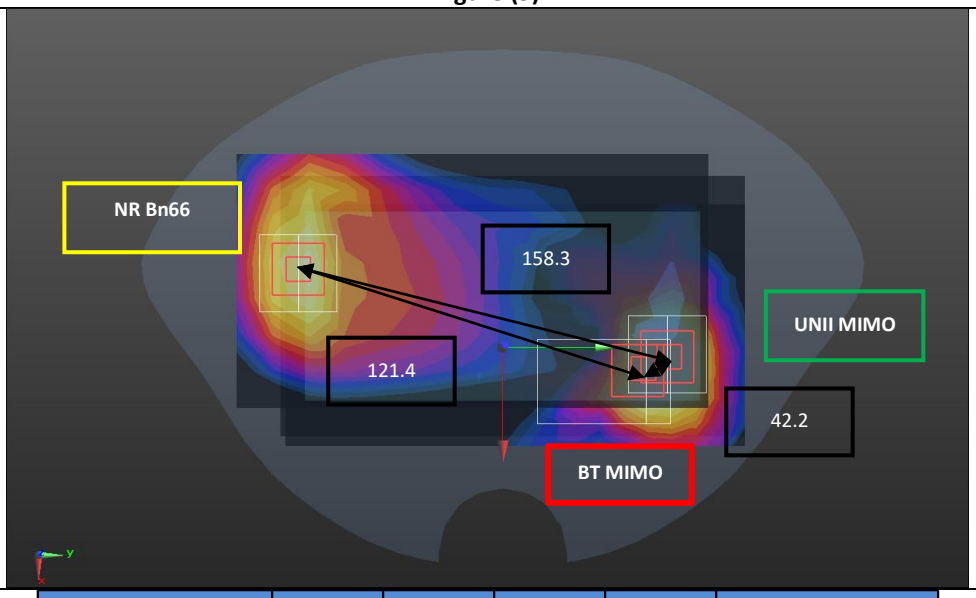


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.627	-0.0055	-0.0845	0.0000	1 + 2	158.3
UNII MIMO	2	1.137	0.0290	0.0700	0.0000	1 + 3	122.3
BT Ant.2	3	0.177	0.0380	0.0298	0.0000	2 + 3	41.2

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (9)

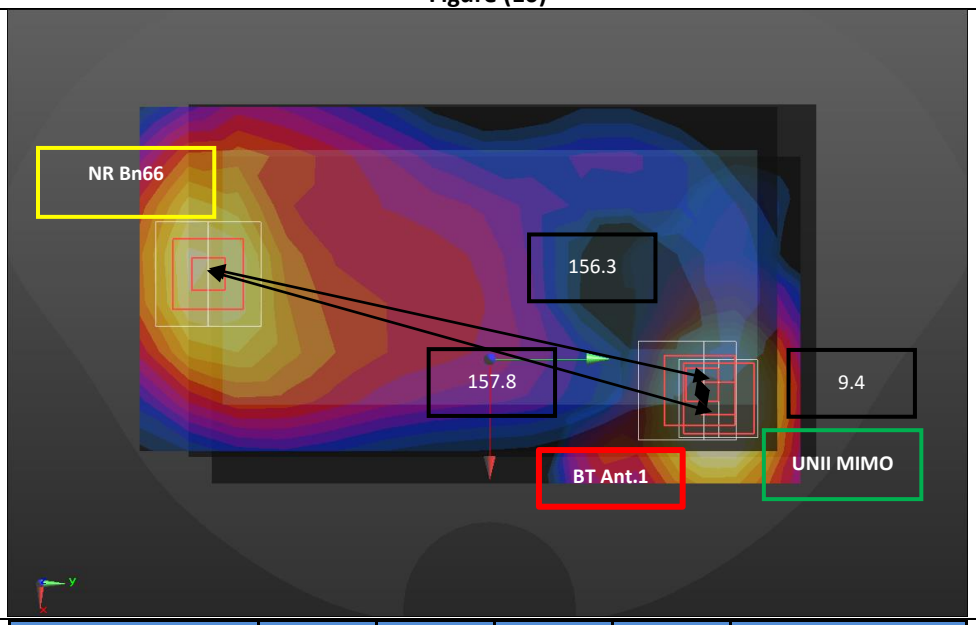


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.627	-0.0055	-0.0845	0.0000	1 + 2	158.3
UNII MIMO	2	1.137	0.0290	0.0700	0.0000	1 + 3	121.4
BT MIMO	3	0.050	0.0380	0.0288	0.0000	2 + 3	42.2

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (10)

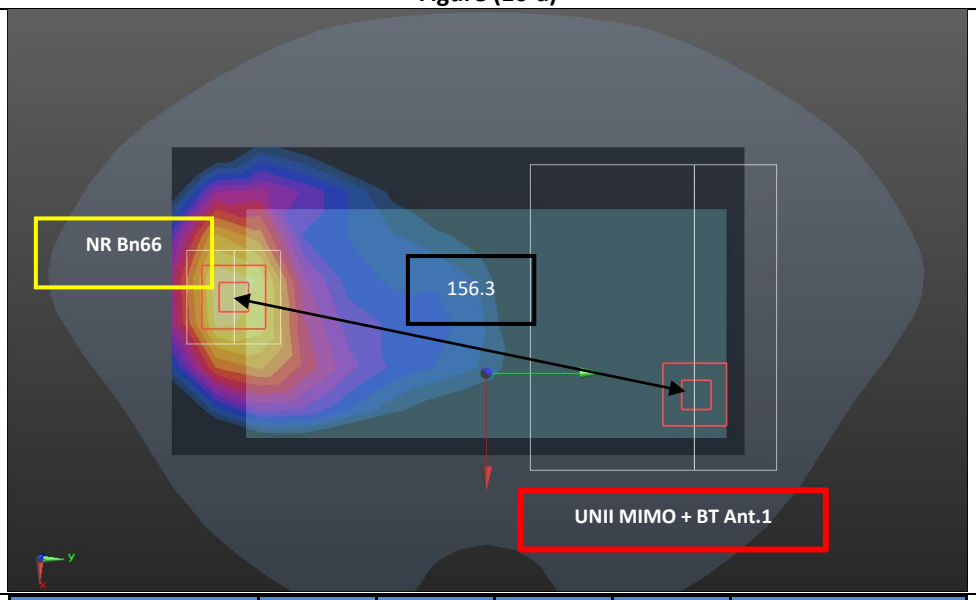


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	157.8
BT Ant.1	3	0.135	0.0302	0.0692	0.0000	2 + 3	9.4

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (10-a)

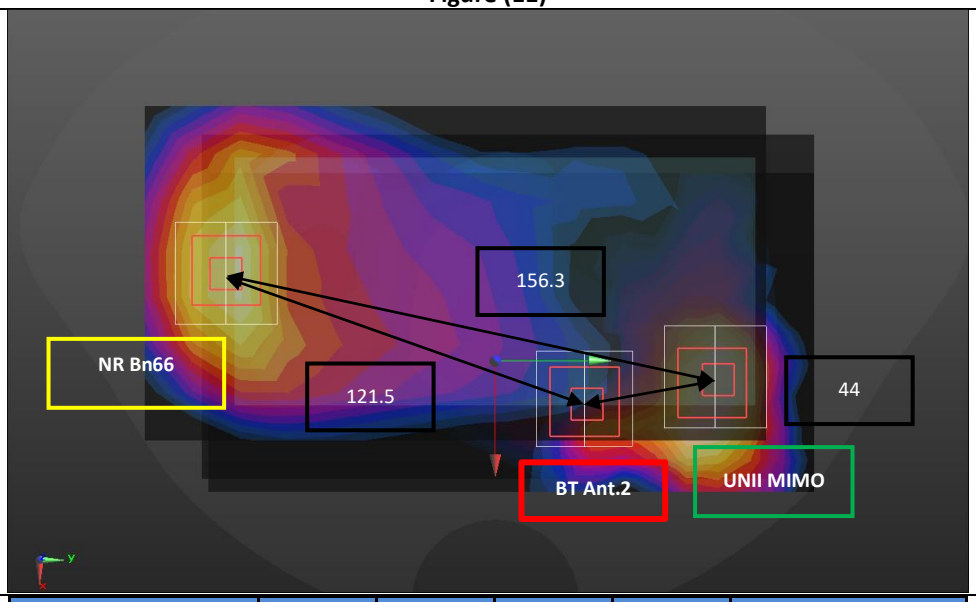


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + BT Ant.1	2	1.270	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (11)

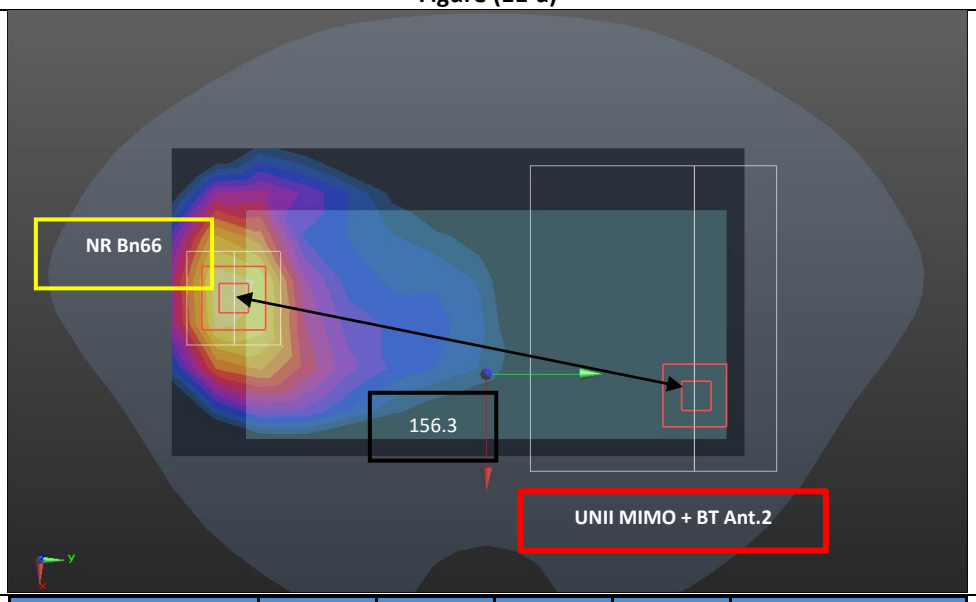


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	121.5
BT Ant.2	3	0.391	0.0378	0.0290	0.0000	2 + 3	44.0

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (11-a)

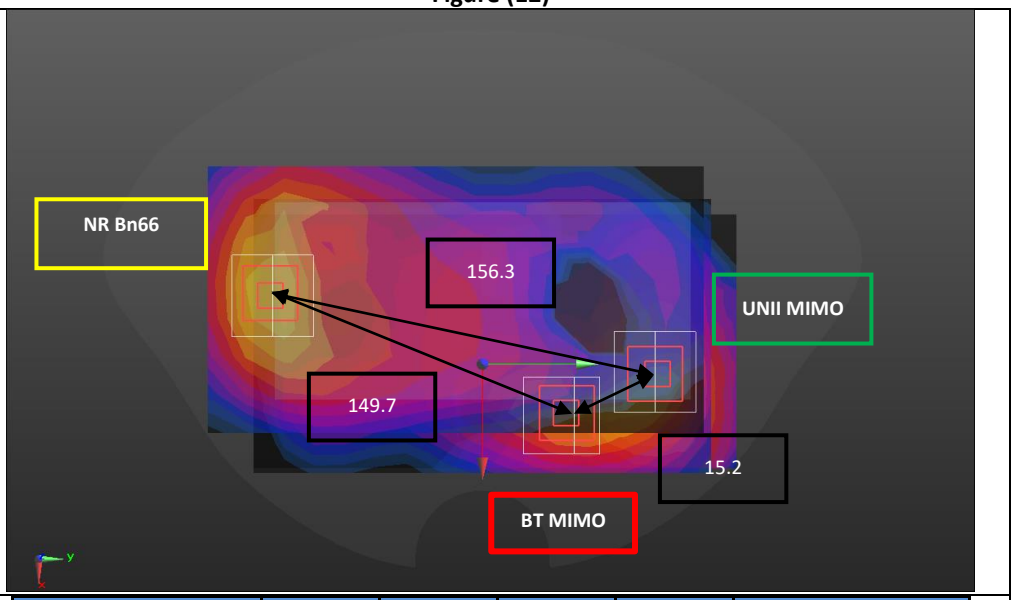


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + BT Ant.2	2	1.300	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (12)

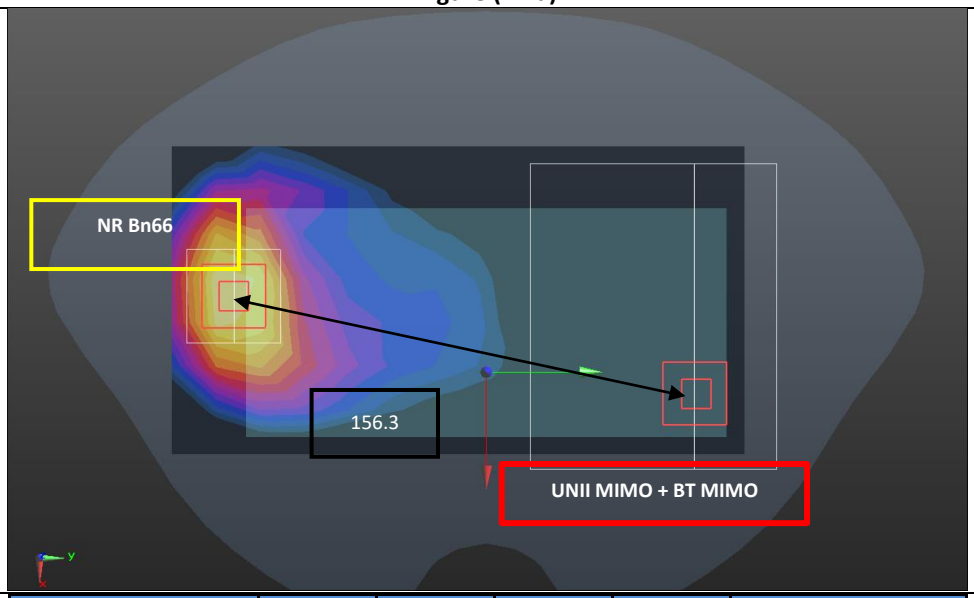


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO	2	1.288	0.0208	0.0696	0.0000	1 + 3	149.7
BT MIMO	3	0.141	0.0328	0.0602	0.0000	2 + 3	15.2

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (12-a)

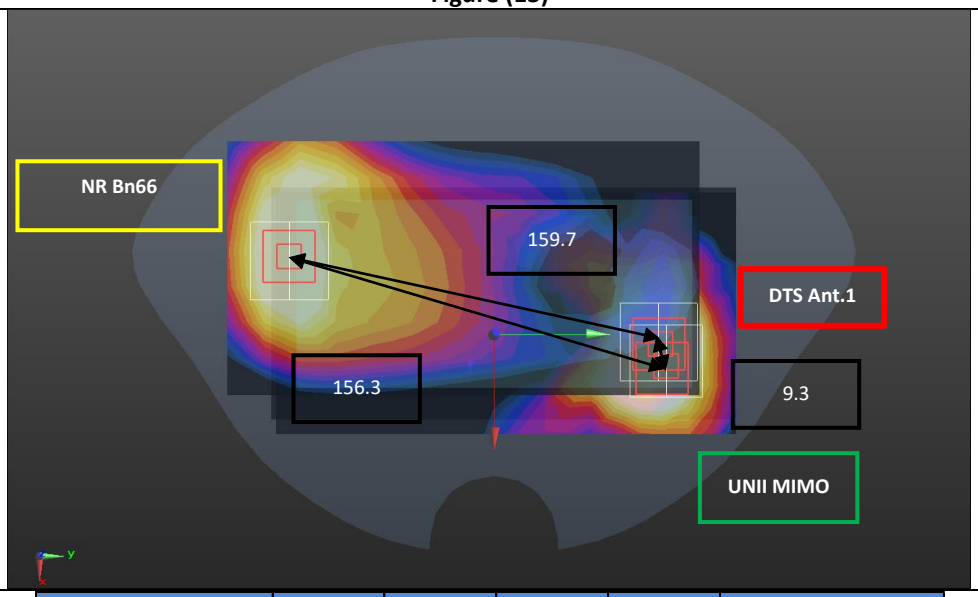


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + BT MIMO	2	1.250	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (13)

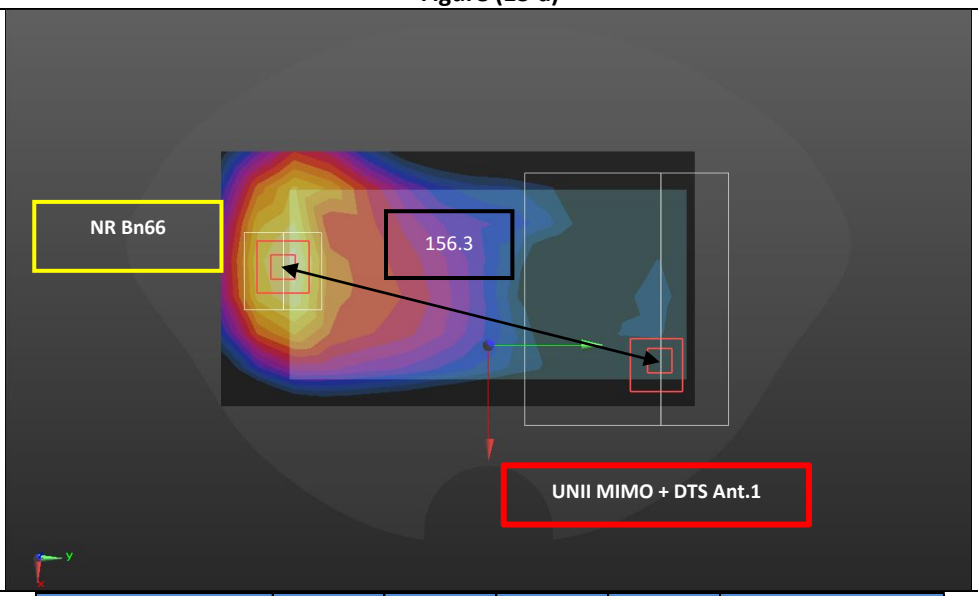


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	159.7
DTS Ant.1	2	0.183	0.0300	0.0712	0.0000	1 + 3	156.3
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	9.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (13-a)

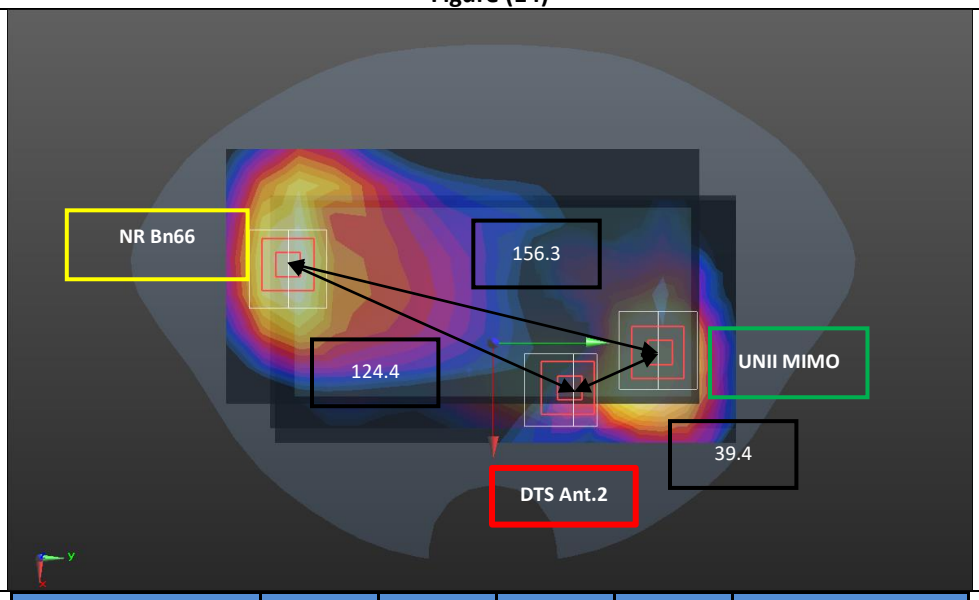


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + DTS Ant 1	2	1.27	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (14)

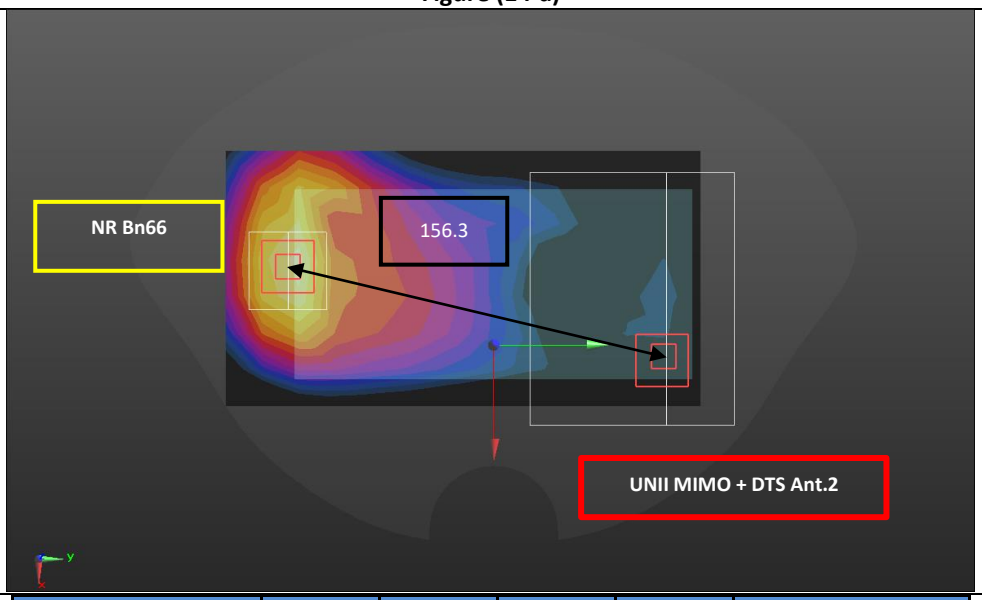


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	124.4
DTS Ant.2	2	0.366	0.0354	0.0330	0.0000	1 + 3	156.3
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	39.4

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (14-a)

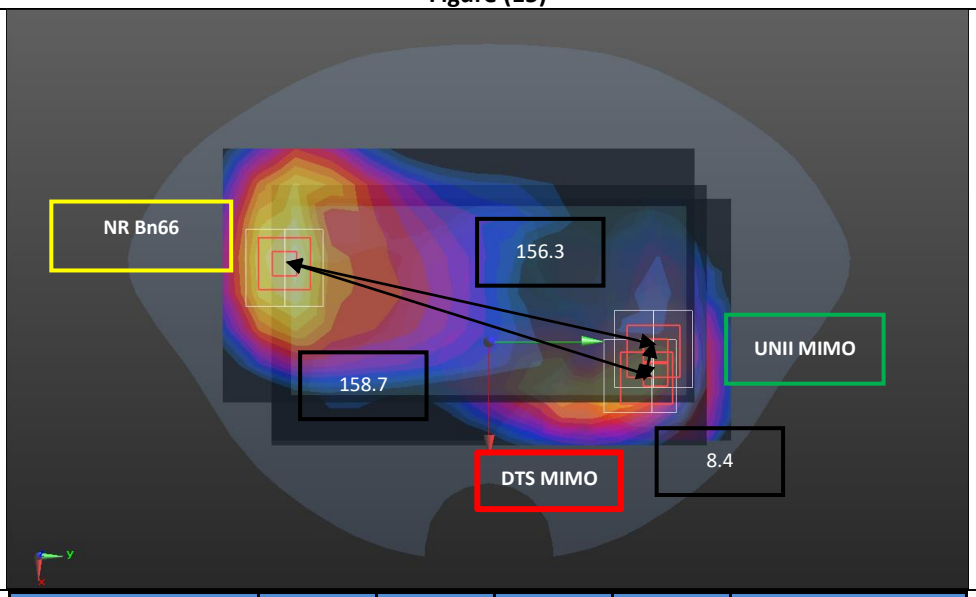


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + DTS Ant 2	2	1.31	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (15)

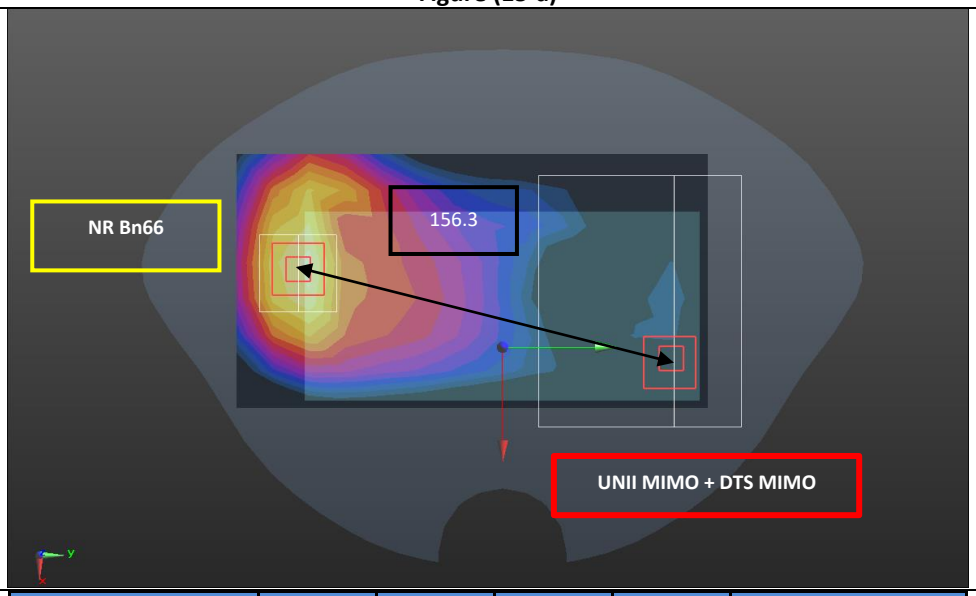


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	158.7
DTS MIMO	2	0.211	0.0292	0.0704	0.0000	1 + 3	156.3
UNII MIMO	3	1.288	0.0208	0.0696	0.0000	2 + 3	8.4

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (15-a)

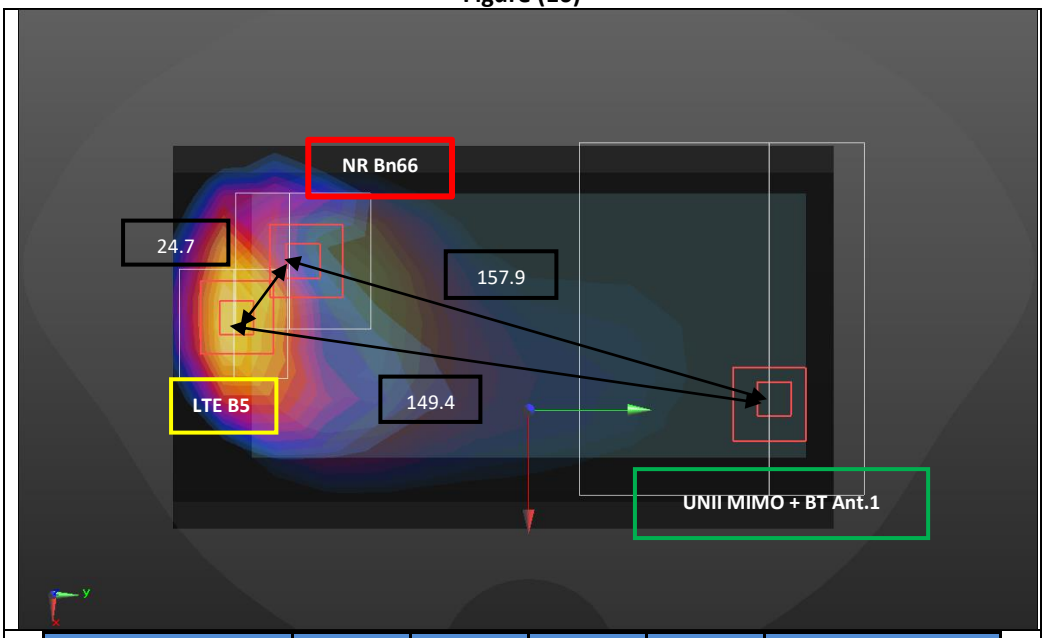


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
NR Bn66	1	0.341	-0.0055	-0.0845	0.0000	1 + 2	156.3
UNII MIMO + DTS MIMO	2	1.3	0.0208	0.0696	0.0000		

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (16)

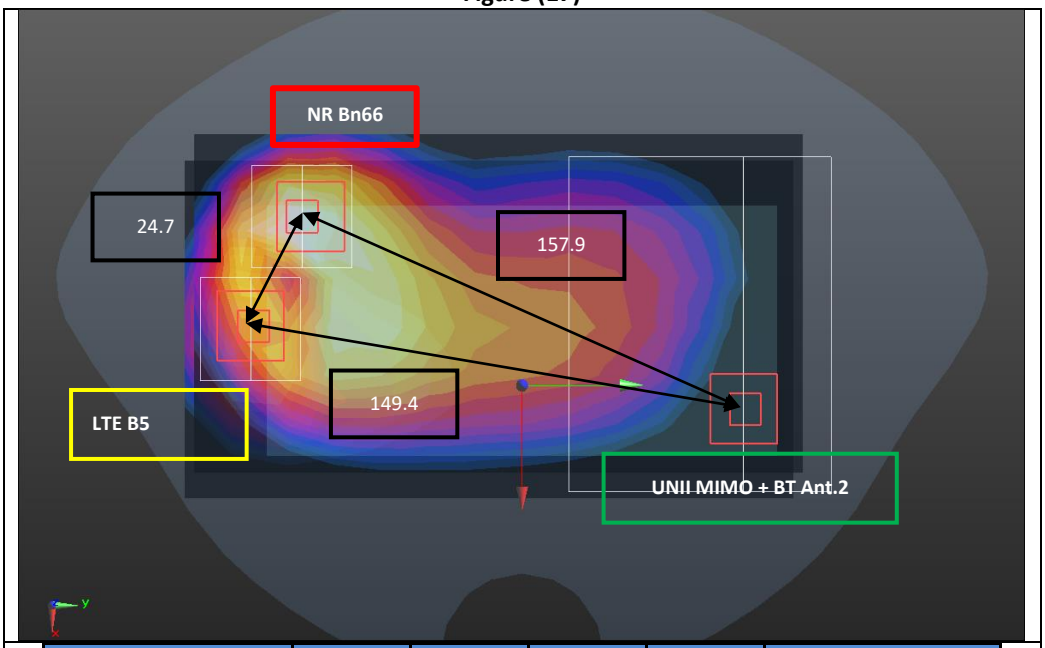


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.341	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	149.4
UNII MIMO + BT Ant.1	3	1.110	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (17)

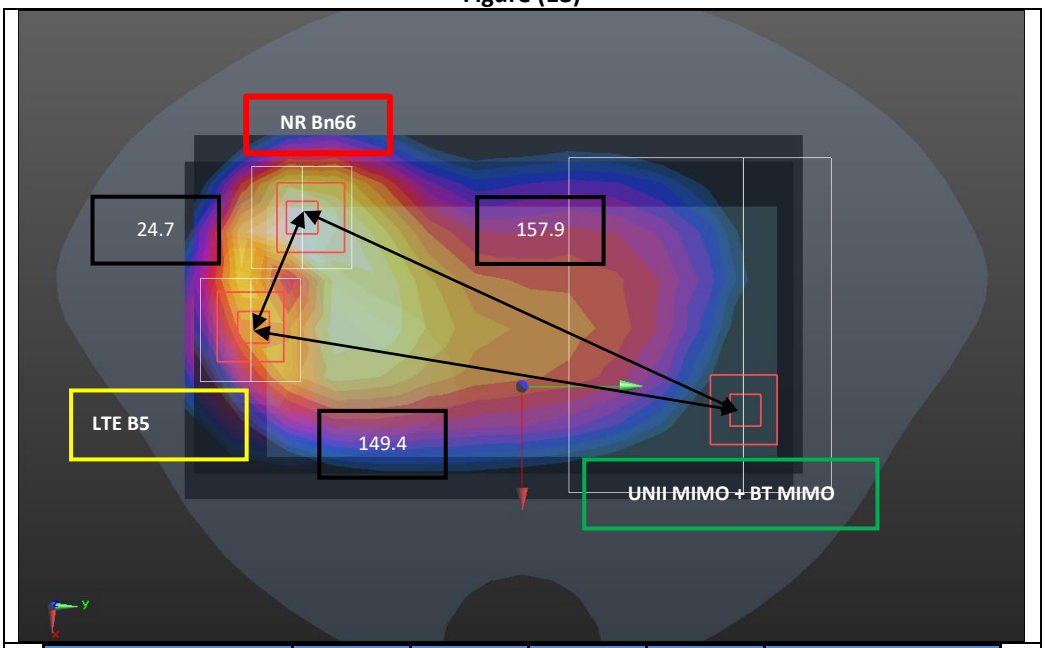


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.341	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	149.4
UNII MIMO + BT Ant.2	3	1.120	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (18)

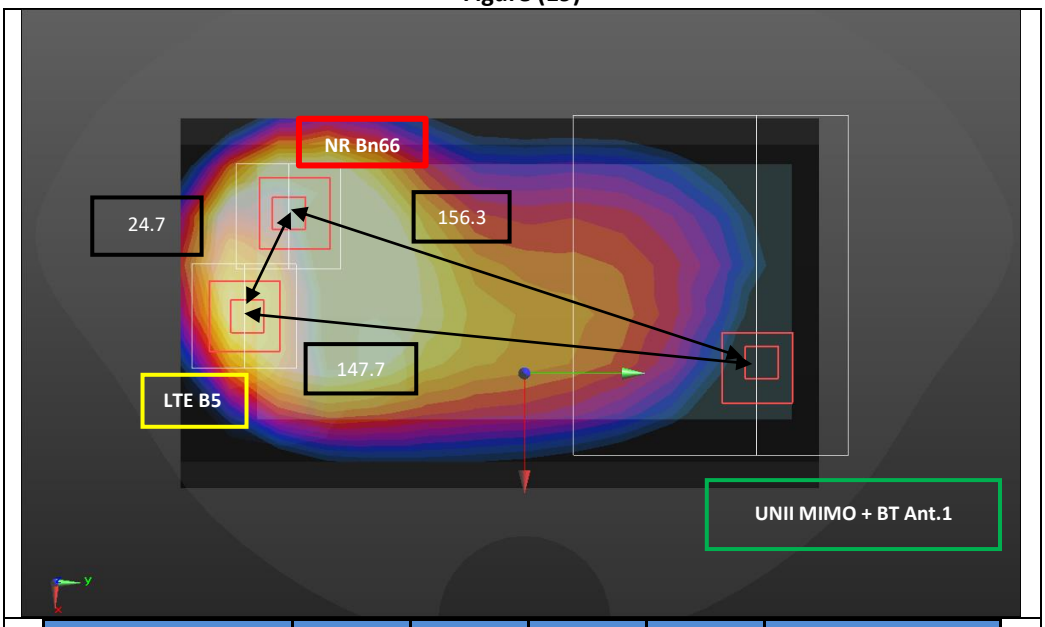


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.341	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	149.4
UNII MIMO + BT MIMO	3	1.100	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (19)

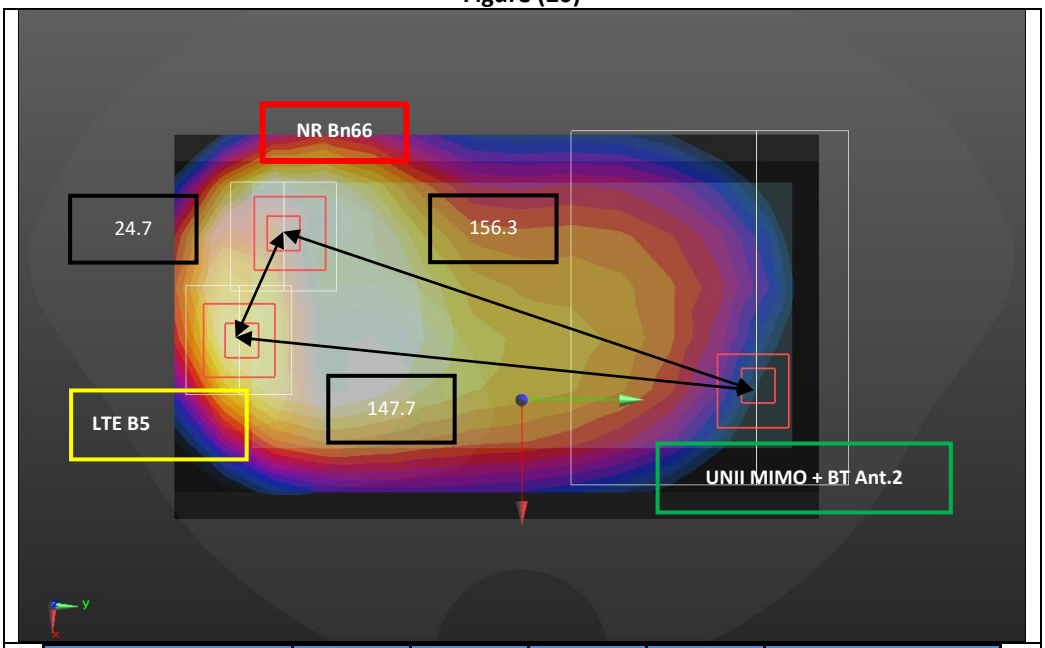


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + BT Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (20)

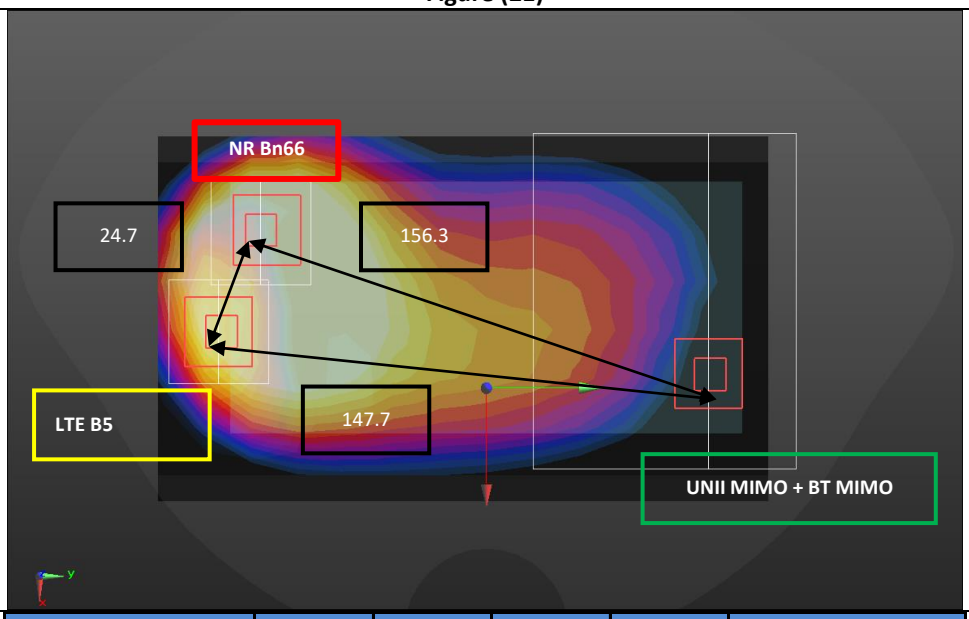


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + BT Ant.2	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (21)

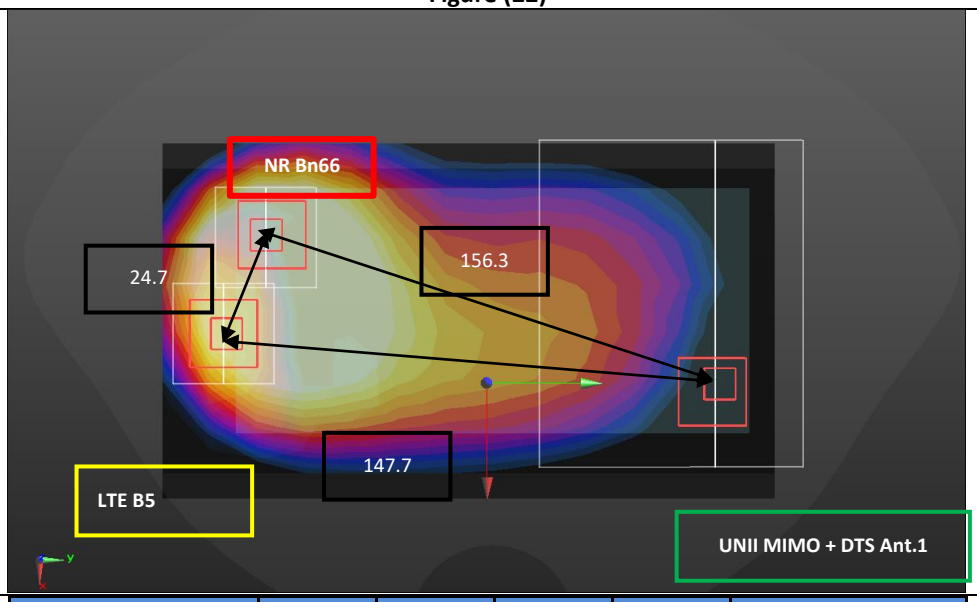


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + BT MIMO	3	1.250	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (22)

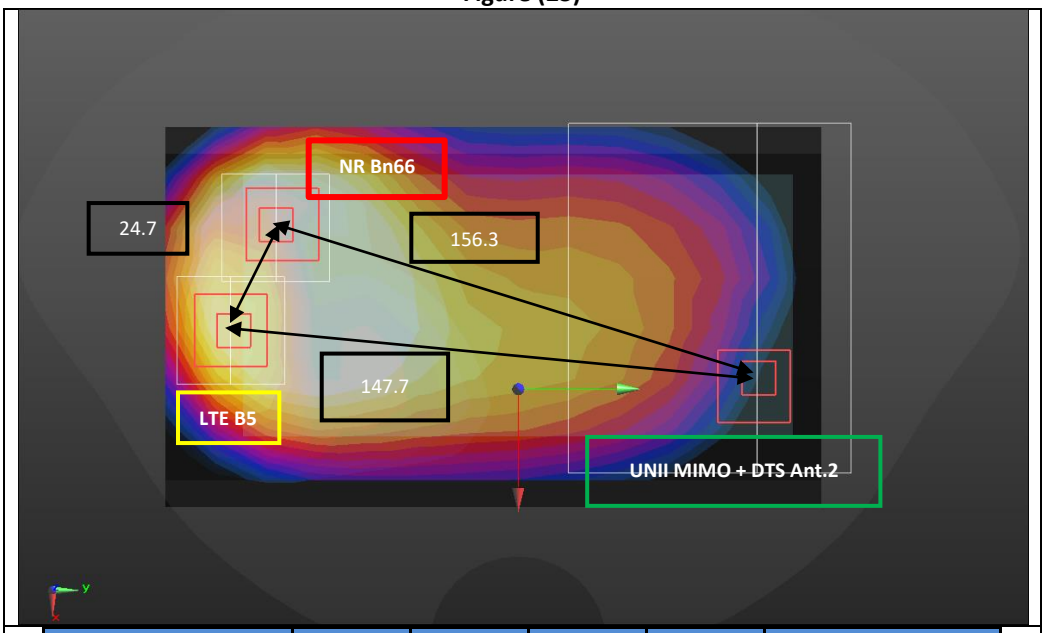


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + DTS Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (23)

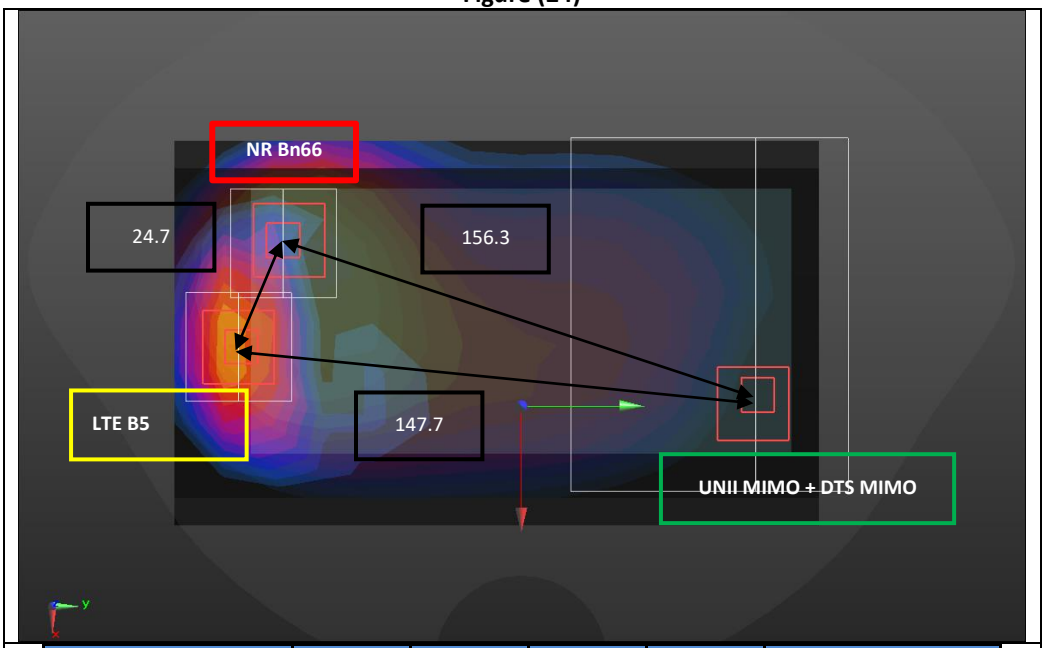


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + DTS Ant.2	3	1.310	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (24)

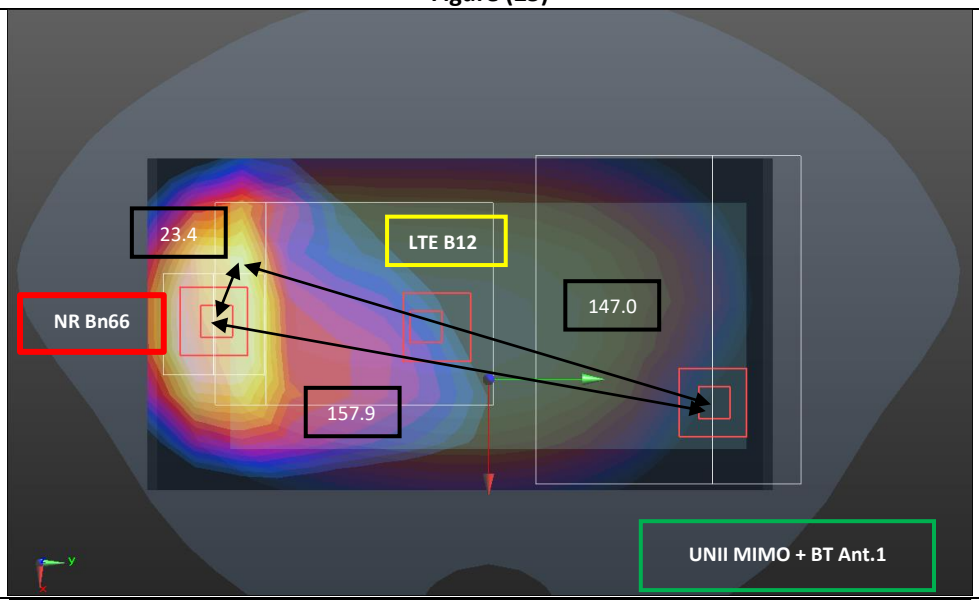


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B5	1	0.68	-0.0259	-0.0705	0.0000	1 + 2	24.7
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	147.7
UNII MIMO + DTS MIMO	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (25)

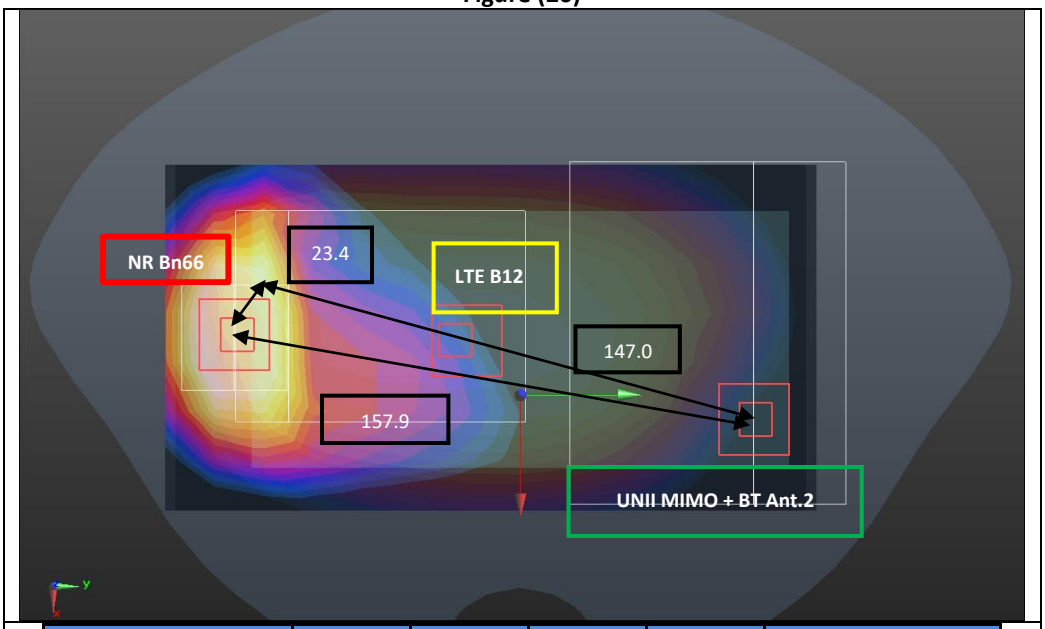


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.181	-0.0230	-0.0689	0.0000	1 + 2	23.4
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	147.0
UNII MIMO + BT Ant.1	3	1.110	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (26)

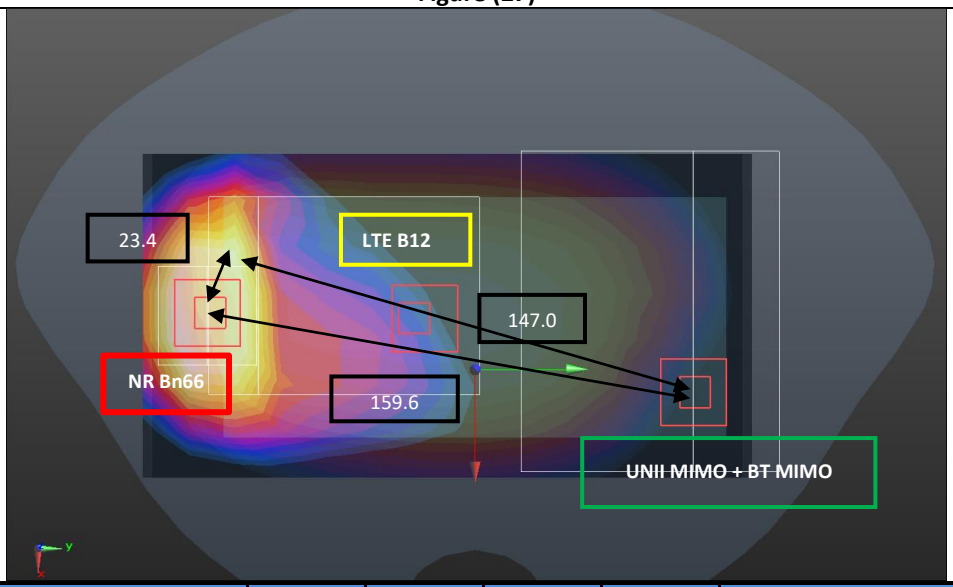


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.181	-0.0230	-0.0689	0.0000	1 + 2	23.4
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	147.0
UNII MIMO + BT Ant.2	3	1.120	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (27)

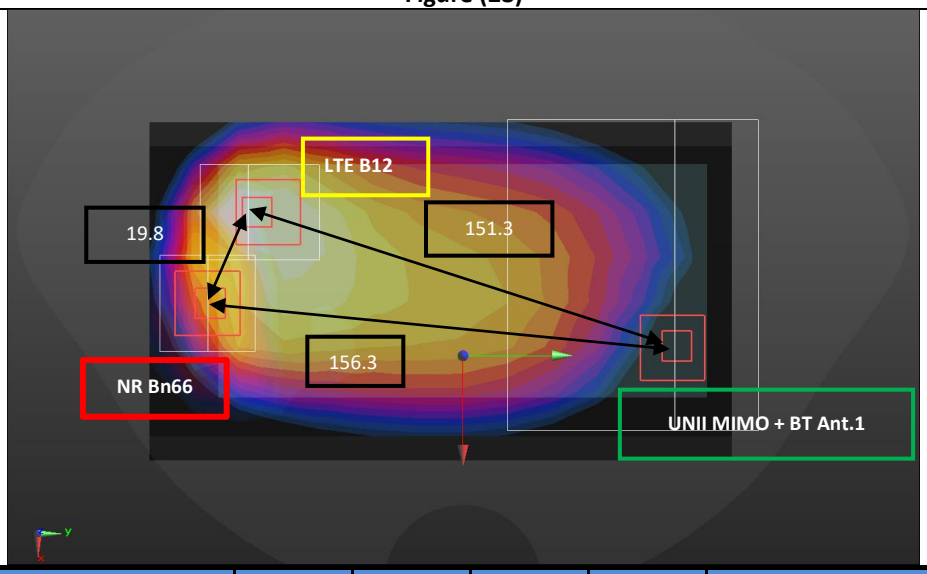


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.181	-0.0230	-0.0689	0.0000	1 + 2	23.4
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	147.0
UNII MIMO + BT MIMO	3	1.100	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (28)

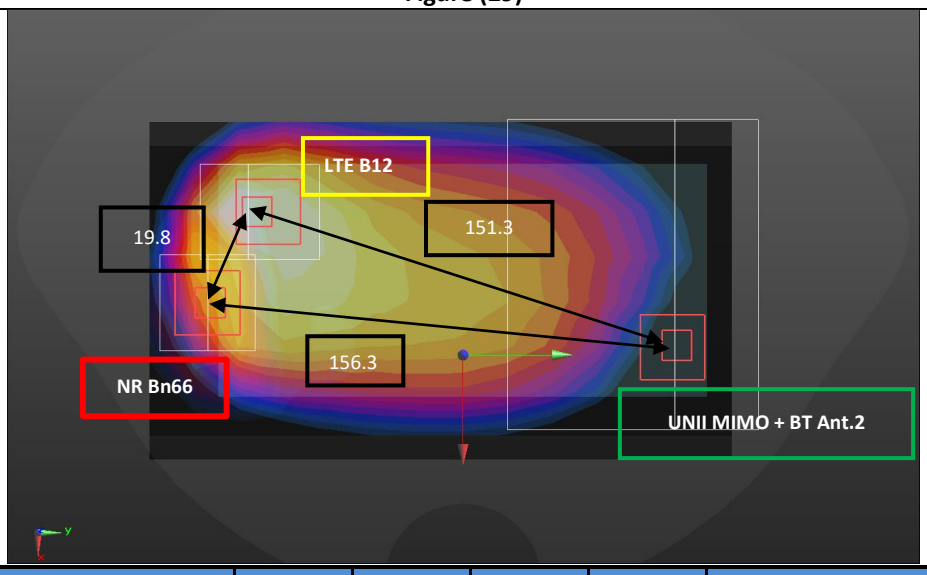


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + BT Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (29)

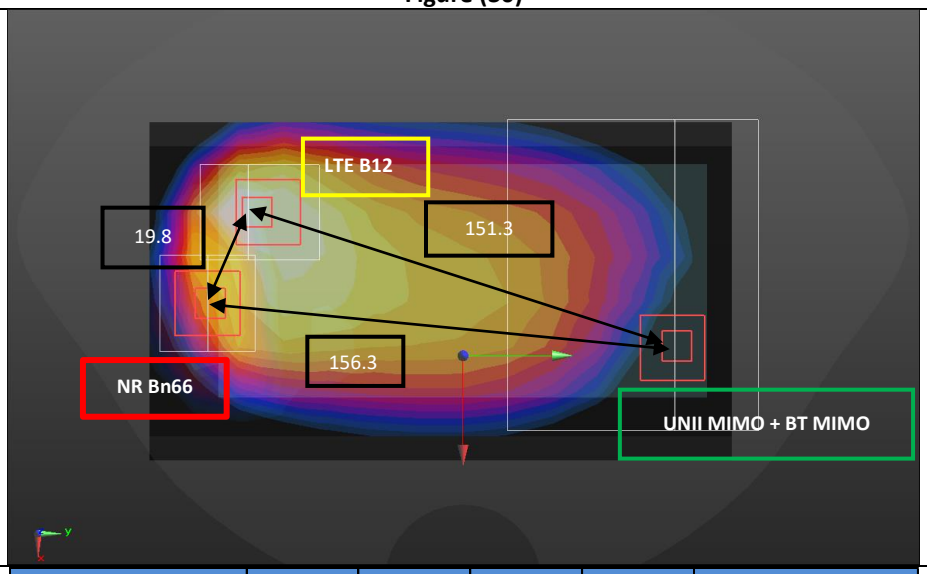


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + BT Ant.2	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (30)

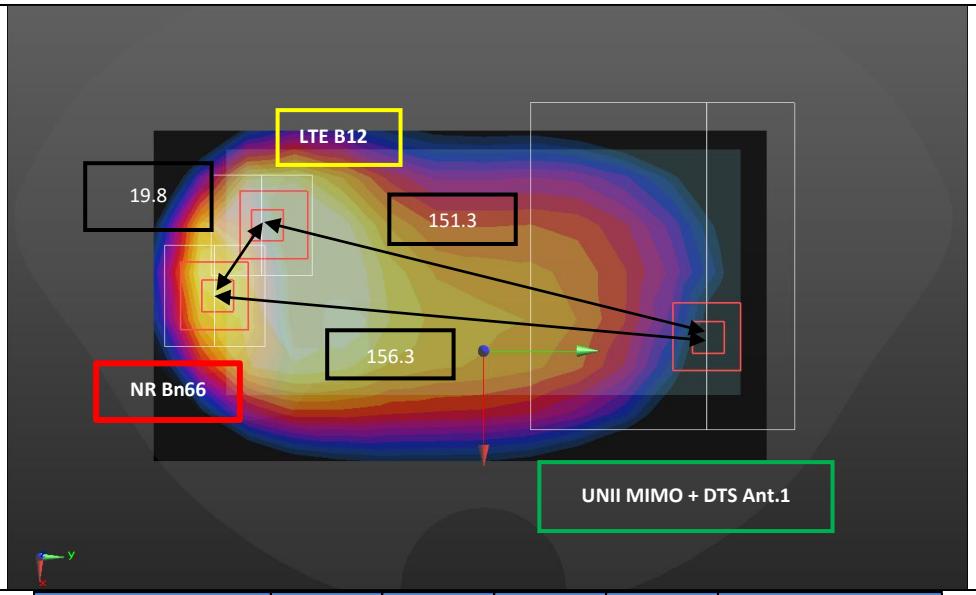


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + BT MIMO	3	1.250	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (31)

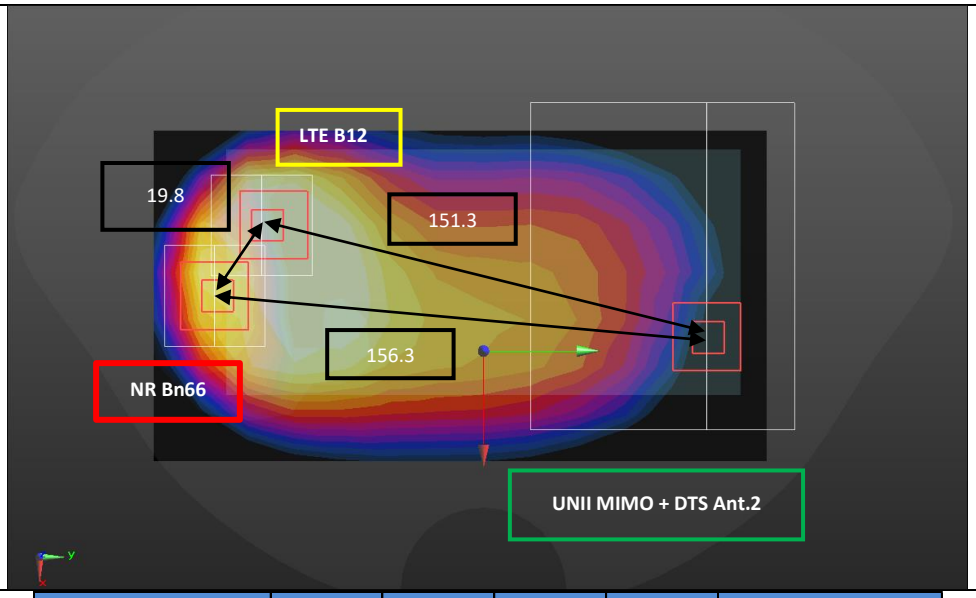


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + DTS Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (32)

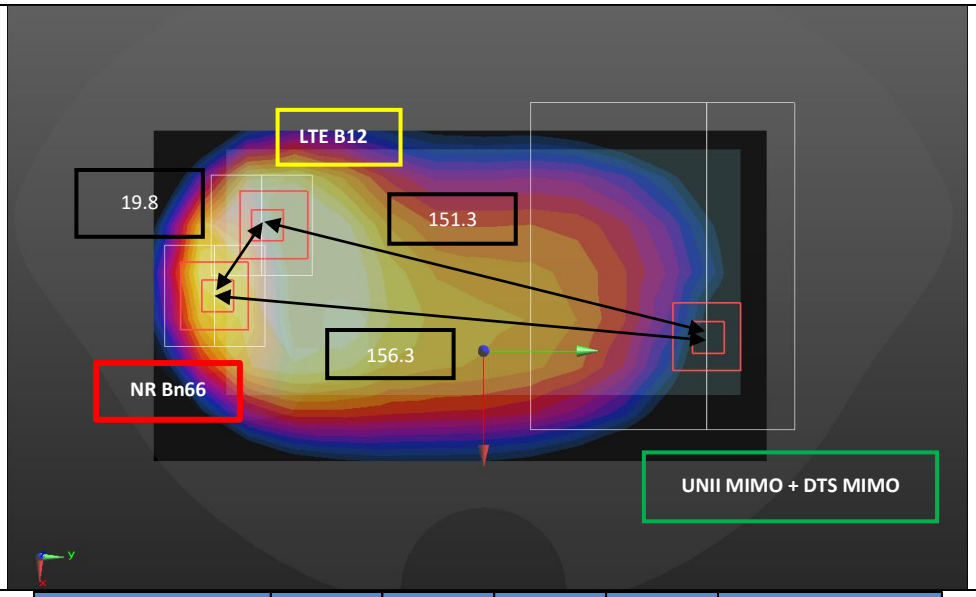


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + DTS Ant.2	3	1.310	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (33)

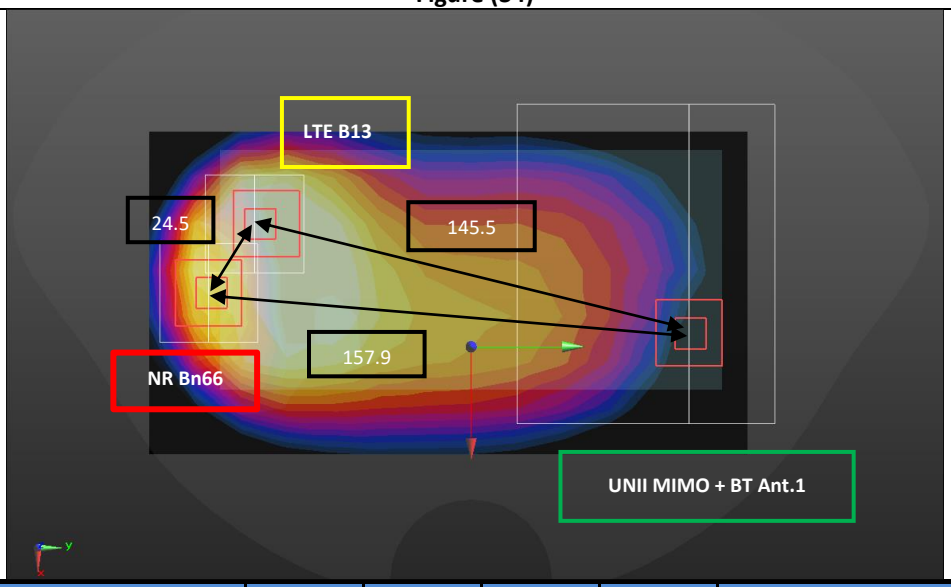


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B12	1	0.335	-0.0230	-0.0752	0.0000	1 + 2	19.8
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	151.3
UNII MIMO + DTS MIMO	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (34)

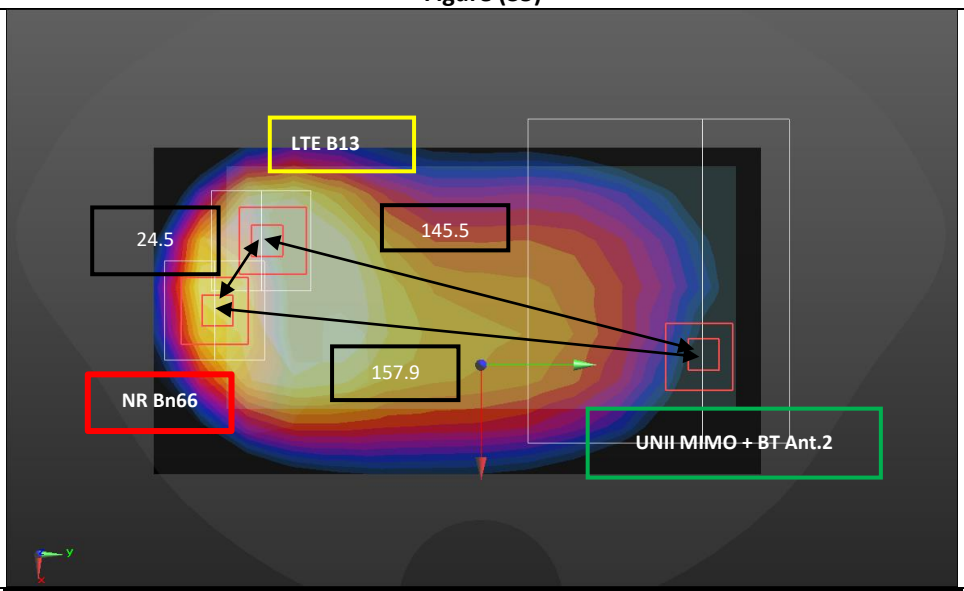


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.236	-0.0230	-0.0674	0.0000	1 + 2	24.5
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	145.5
UNII MIMO + BT Ant.1	3	1.110	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (35)

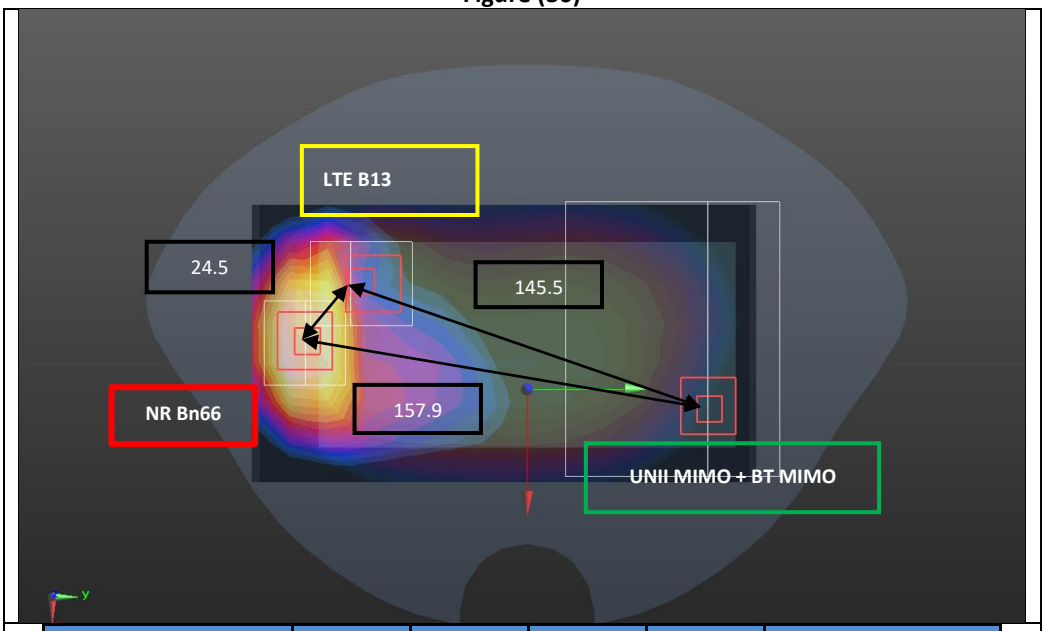


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.236	-0.0230	-0.0674	0.0000	1 + 2	24.5
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	145.5
UNII MIMO + BT Ant.2	3	1.120	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (36)

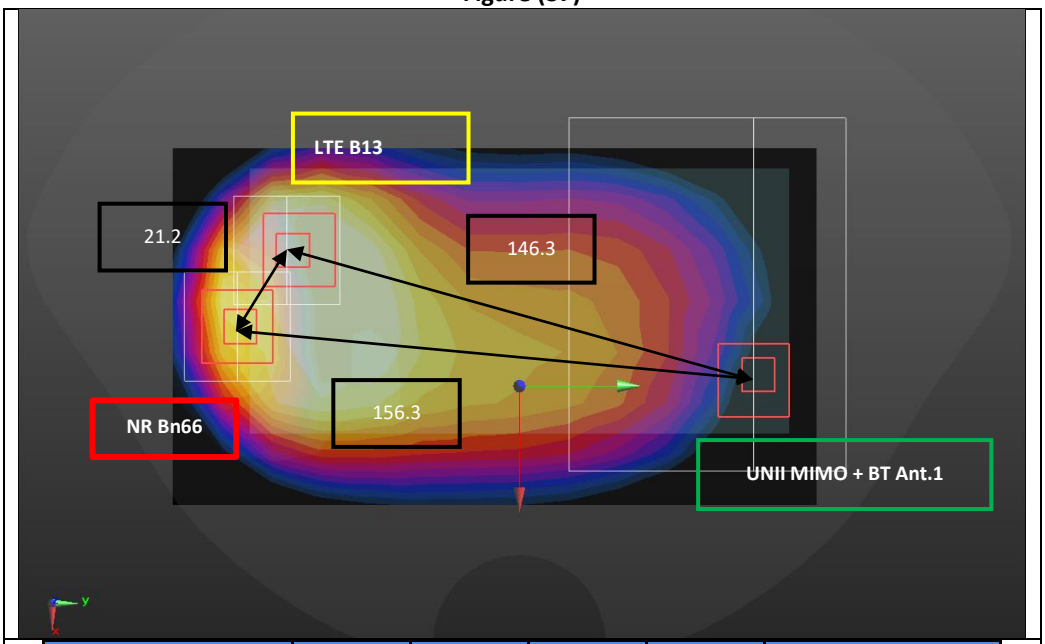


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.236	-0.0230	-0.0674	0.0000	1 + 2	24.5
NR Bn66	2	0.627	-0.0055	-0.0845	0.0000	1 + 3	145.5
UNII MIMO + BT MIMO	3	1.100	0.0220	0.0710	0.0000	2 + 3	157.9

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (37)

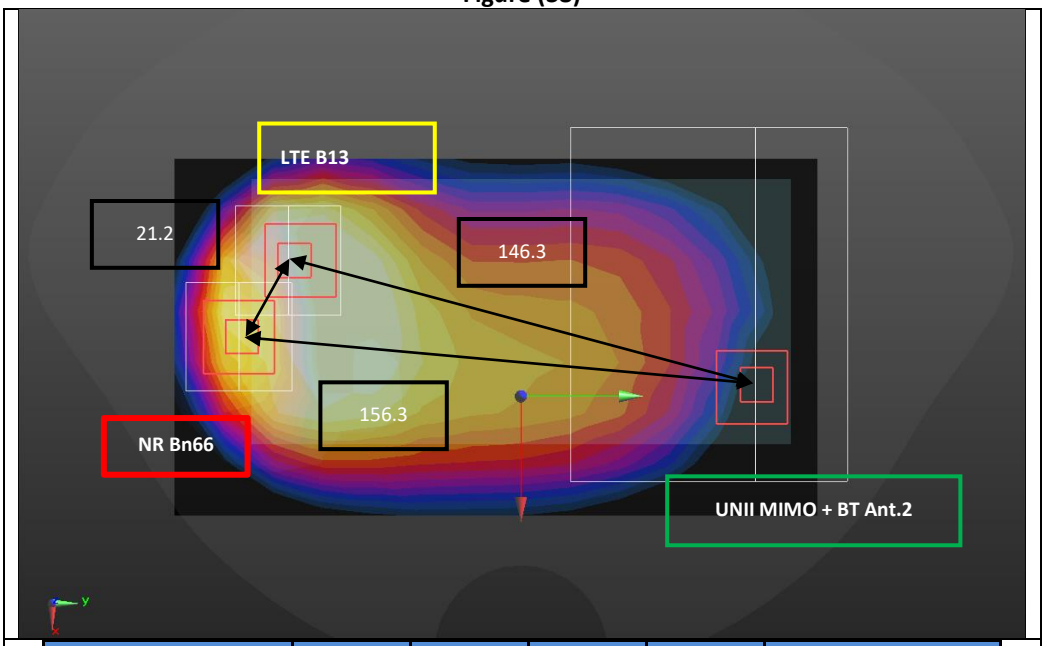


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + BT Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (38)

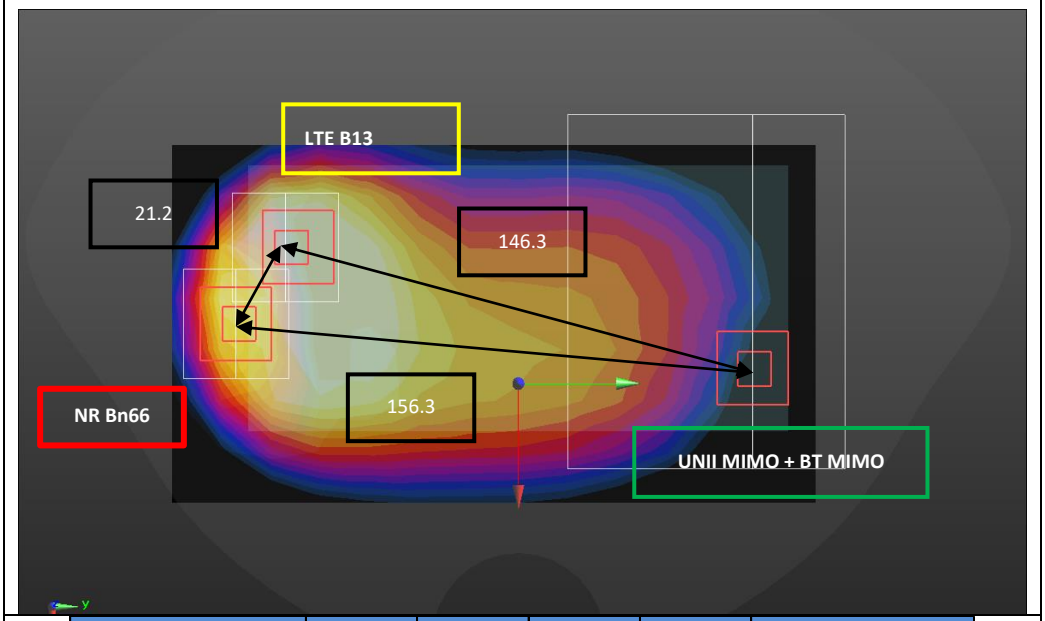


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + BT Ant.2	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (39)

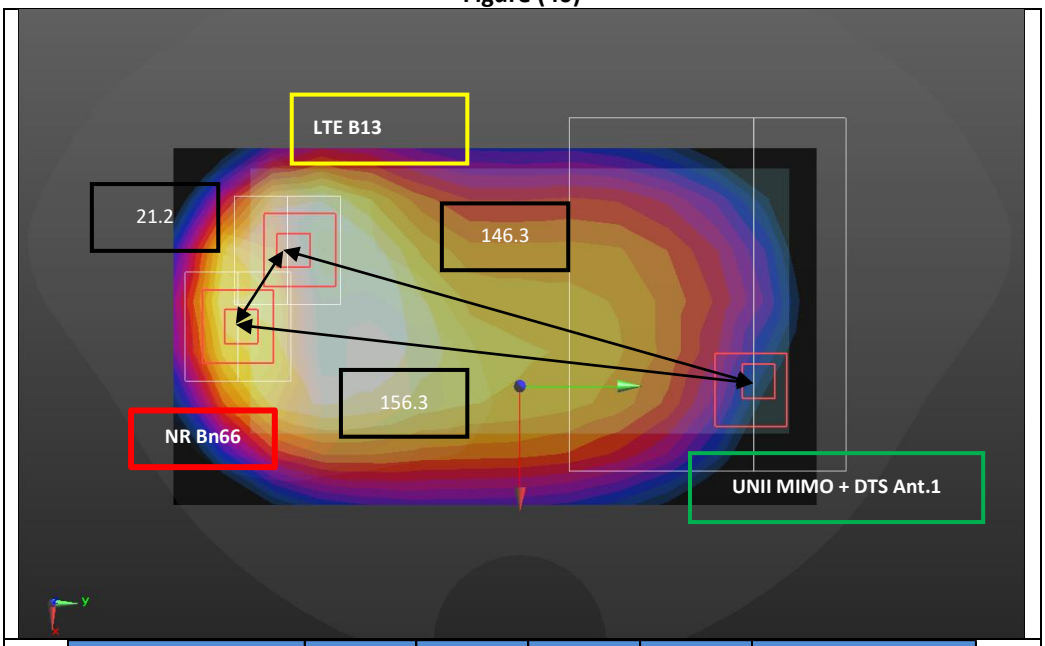


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + BT MIMO	3	1.250	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below:

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (40)

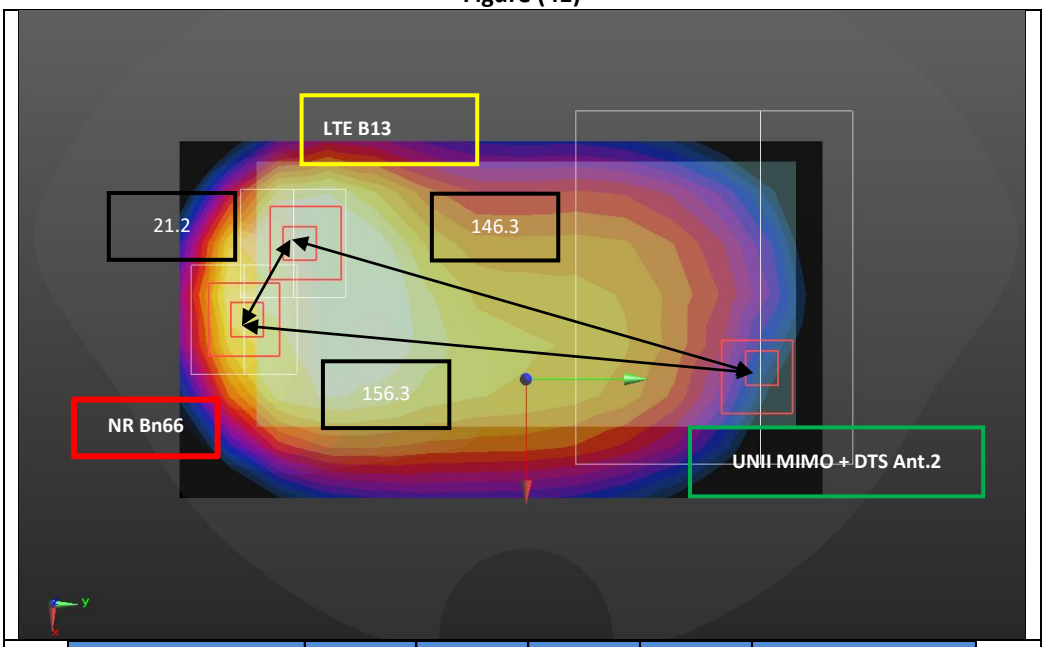


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + DTS Ant.1	3	1.270	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (41)

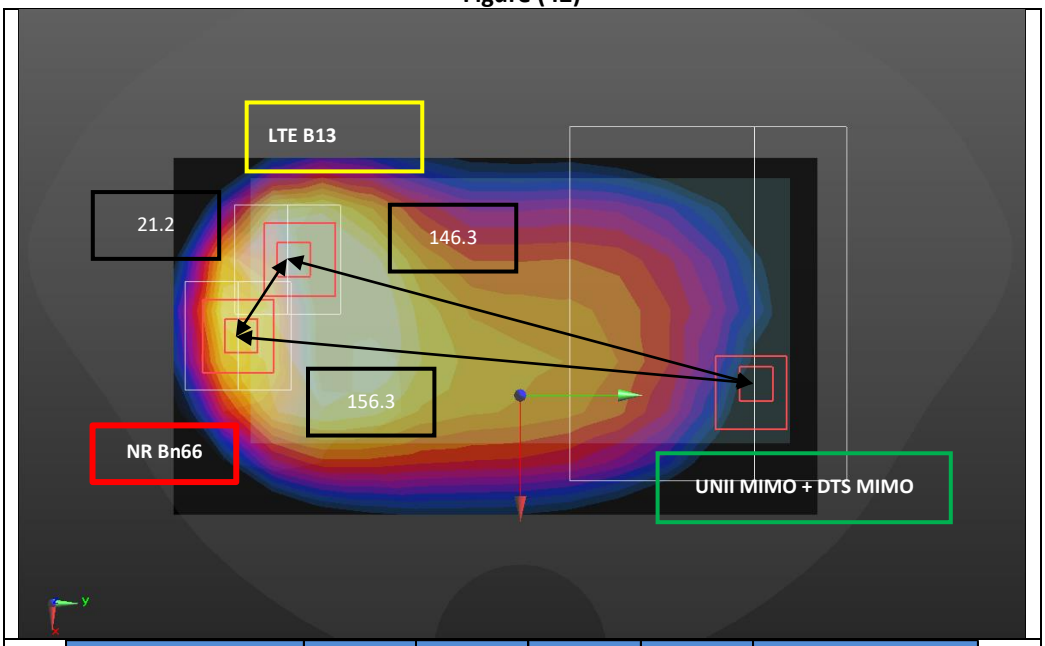


Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + DTS Ant.2	3	1.310	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)

Figure (42)



Mode		SAR	X	Y	Z	d: Calculated distance (mm)	
		W/kg	m	m	m		
LTE B13	1	0.576	-0.0214	-0.0705	0.0000	1 + 2	21.2
NR Bn66	2	0.341	-0.0055	-0.0845	0.0000	1 + 3	146.3
UNII MIMO + DTS MIMO	3	1.300	0.0208	0.0696	0.0000	2 + 3	156.3

The Peak Location Separation Distance is computed by using the formula below :

SQRT((X1-X2)^2+(Y1-Y2)^2+(Z1-Z2)^2)