LTE Downlink Carrier Aggregation configurations

1. DL Inter Band(2CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth 1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-4A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	40
		Band 4			Yes	Yes	Yes	Yes	
	(1)	Band 2			Yes	Yes			20
		Band 4			Yes	Yes			
	(2)	Band 2			Yes	Yes	Yes	Yes	40
		Band 4			Yes	Yes	Yes	Yes	
2A-5A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 5			Yes	Yes			
2A-7A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 7			Yes	Yes	Yes	Yes	
2A-12A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 12			Yes	Yes			
	(1)	Band 2			Yes	Yes	Yes	Yes	30
		Band 12		Yes	Yes	Yes			
	(2)	Band 2			Yes	Yes			20
		Band 12			Yes	Yes			
2A-13A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 13				Yes			
	(1)	Band 2			Yes	Yes			20
		Band 13				Yes			
	(2)	Band 2			Yes	Yes	Yes	Yes	20
		Band 13			Yes	Yes			
2A-14A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 14			Yes	Yes			
2A-29A	(0)	Band 2			Yes	Yes			20
		Band 29		Yes	Yes	Yes			
	(1)	Band 2			Yes	Yes			20
		Band 29			Yes	Yes			
	(2)	Band 2			Yes	Yes	Yes	Yes	30
		Band 29			Yes	Yes			
2A-30A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 30			Yes	Yes			
2A-46A	(0)	Band 2			Yes	Yes	Yes	Yes	30
		Band 46						Yes	
2A-48A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 48			Yes	Yes	Yes	Yes	
2A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
	(1)	Band 2			Yes	Yes			20
		Band 66			Yes	Yes			
	(2)	Band 2			Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
2A-71A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 71			Yes	Yes	Yes	Yes	
	(1)	Band 2			Yes	Yes			20
		Band 71			Yes	Yes			
4A-5A	(0)	Band 4			Yes	Yes			20
		Band 5			Yes	Yes			
	(1)	Band 4			Yes	Yes	Yes	Yes	30
		Band 5			Yes	Yes			
4A-12A	(0)	Band 4	Yes	Yes	Yes	Yes			20
		Band 12			Yes	Yes			
	(1)	Band 4	Yes	Yes	Yes	Yes	Yes	Yes	30
		Band 12			Yes	Yes			
	(2)	Band 4			Yes	Yes	Yes	Yes	30
		Band 12		Yes	Yes	Yes			
	(3)	Band 4			Yes	Yes			20
		Band 12			Yes	Yes			
	(4)	Band 4			Yes	Yes	Yes	Yes	30
		Band 12			Yes	Yes			
	(5)	Band 4			Yes	Yes	Yes		20
		Band 12			Yes				
4A-13A	(0)	Band 4			Yes	Yes	Yes	Yes	30
		Band 13				Yes			
	(1)	Band 4			Yes	Yes			20
		Band 13				Yes			
4A-46A	(0)	Band 4			Yes	Yes	Yes	Yes	40
		Band 46						Yes	

2. DL Inter Band(3CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth 1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-2A-4A	(0)	Band 2	2A-2A BCS 0						60
		Band 4			Yes	Yes	Yes	Yes	
2A-2A-5A	(0)	Band 2	2A-2A BCS 0						50
		Band 5			Yes	Yes			
2A-2A-12A	(0)	Band 2	2A-2A BCS 0						50
		Band 12			Yes	Yes			
2A-2A-13A	(0)	Band 2	2A-2A BCS 0						50
		Band 13				Yes			
	(1)	Band 2	2A-2A BCS 0						50
		Band 13			Yes	Yes			
2A-2A-14A	(0)	Band 2	2A-2A BCS 0						50
		Band 14			Yes	Yes			
2A-2A-29A	(0)	Band 2	2A-2A BCS 0						50
		Band 29			Yes	Yes			
2A-2A-30A	(0)	Band 2	2A-2A BCS 0						50
		Band 30			Yes	Yes			
2A-2A-46A	(0)	Band 2	2A-2A BCS 0						60
		Band 46						Yes	
2A-2A-66A	(0)	Band 2	2A-2A BCS 0						60
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-71A	(0)	Band 2	2A-2A BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	
2A-4A-4A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 4	4A-4A BCS 0						
2A-4A-5A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 4			Yes	Yes	Yes	Yes	
		Band 5			Yes	Yes			
2A-4A-12A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 4			Yes	Yes	Yes	Yes	
		Band 12			Yes	Yes			
2A-4A-13A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 4			Yes	Yes	Yes	Yes	
		Band 13				Yes			
2A-4A-71A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 4			Yes	Yes	Yes	Yes	
		Band 71			Yes	Yes	Yes	Yes	
2A-5A-30A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
2A-5A-46A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 5			Yes	Yes			
		Band 46						Yes	
2A-5A-48A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	50
		Band 5			Yes	Yes			
		Band 48			Yes	Yes	Yes	Yes	
2A-5A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 5			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-5B	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 5	5B BCS 0						
2A-7A-7A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 7	7A-7A BCS 1						
2A-7C	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 7	7C BCS 1						
2A-7A-13A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 7			Yes	Yes	Yes	Yes	
		Band 13			Yes	Yes			
2A-7A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 7			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-12A-30A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 12			Yes	Yes			
		Band 30			Yes	Yes			
2A-12A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 12			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-12B	(0)	Band 2			Yes	Yes	Yes	Yes	35
		Band 12	12B BCS 0						

3. DL Inter Band(4CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth 1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-2A-4A-4A	(0)	Band 2	2A-2A BCS 0						80
		Band 4	4A-4A BCS 0						
2A-2A-4A-5A	(0)	Band 2	2A-2A BCS 0						70
		Band 4			Yes	Yes	Yes	Yes	
		Band 5			Yes	Yes			
2A-2A-4A-12A	(0)	Band 2	2A-2A BCS 0						70
		Band 4			Yes	Yes	Yes	Yes	
		Band 12			Yes	Yes			
2A-2A-4A-71A	(0)	Band 2	2A-2A BCS 0						80
		Band 4			Yes	Yes	Yes	Yes	
		Band 71			Yes	Yes	Yes	Yes	
2A-2A-5A-30A	(0)	Band 2	2A-2A BCS 0						60
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
2A-2A-5A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 5			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-5B	(0)	Band 2	2A-2A BCS 0						60
		Band 5	5B BCS 0						
2A-2A-12A-30A	(0)	Band 2	2A-2A BCS 0						60
		Band 12			Yes	Yes			
		Band 30			Yes	Yes			
2A-2A-12A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 12			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-12B	(0)	Band 2	2A-2A BCS 0						55
		Band 12	12B BCS 0						
2A-2A-13A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 13			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-14A-30A	(0)	Band 2	2A-2A BCS 0						60
		Band 14			Yes	Yes			
		Band 30			Yes	Yes			
2A-2A-14A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 14			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-29A-30A	(0)	Band 2	2A-2A BCS 0						60
		Band 29			Yes	Yes			
		Band 30			Yes	Yes			
2A-2A-29A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 29			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-30A-66A	(0)	Band 2	2A-2A BCS 0						70
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-46C	(0)	Band 2	2A-2A BCS 0						80
		Band 46	46C BCS 0						
2A-2A-66A-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 66	66A-66A BCS 0						
2A-2A-66A-71A	(0)	Band 2	2A-2A BCS 0						80
		Band 66			Yes	Yes	Yes	Yes	
		Band 71			Yes	Yes	Yes	Yes	
2A-2A-66B	(0)	Band 2	2A-2A BCS 0						60
		Band 66	66B BCS 0						
2A-2A-66C	(0)	Band 2	2A-2A BCS 0						80
		Band 66	66C BCS 0						
2A-4A-4A-5A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 4	4A-4A BCS 0						
		Band 5			Yes	Yes			
2A-4A-4A-12A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 4	4A-4A BCS 0						
		Band 12			Yes	Yes			
2A-4A-5B	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 4			Yes	Yes	Yes	Yes	
		Band 5	5B BCS 0						
2A-4A-12B	(0)	Band 2			Yes	Yes	Yes	Yes	55
		Band 4			Yes	Yes	Yes	Yes	
		Band 12	12B BCS 0						

LTE Downlink Carrier Aggregation configurations (Continued)

1. DL Inter Band(2CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
4A-48A	(0)	Band 4			Yes	Yes	Yes	Yes	40
		Band 48			Yes	Yes	Yes	Yes	
4A-71A	(0)	Band 4			Yes	Yes	Yes	Yes	40
		Band 71			Yes	Yes	Yes	Yes	
5A-25A	(0)	Band 5			Yes	Yes			30
		Band 25			Yes	Yes	Yes	Yes	
5A-30A	(0)	Band 5			Yes	Yes			20
		Band 30			Yes	Yes			
5A-41A	(0)	Band 5			Yes	Yes			30
		Band 41						Yes	
5A-46A	(0)	Band 5			Yes	Yes			30
		Band 46						Yes	
	(1)	Band 5		Yes	Yes	Yes			30
		Band 46				Yes		Yes	
5A-48A	(0)	Band 5			Yes	Yes			30
		Band 48			Yes	Yes	Yes	Yes	
5A-66A	(0)	Band 5			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
7A-13A	(0)	Band 7			Yes	Yes	Yes	Yes	30
		Band 13			Yes	Yes			
7A-66A	(0)	Band 7			Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
12A-25A	(0)	Band 12			Yes	Yes			30
		Band 25			Yes	Yes	Yes	Yes	
12A-30A	(0)	Band 12			Yes	Yes			20
		Band 30			Yes	Yes			
12A-46A	(0)	Band 12			Yes	Yes			30
		Band 46						Yes	
12A-48A	(0)	Band 12			Yes	Yes			30
		Band 48			Yes	Yes	Yes	Yes	
12A-66A	(0)	Band 12			Yes	Yes			20
		Band 66	Yes	Yes	Yes	Yes			
	(1)	Band 12			Yes	Yes			30
		Band 66	Yes	Yes	Yes	Yes	Yes	Yes	
	(2)	Band 12		Yes	Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
	(3)	Band 12			Yes	Yes			20
		Band 66			Yes	Yes			
	(4)	Band 12			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
	(5)	Band 12			Yes				20
		Band 66			Yes	Yes	Yes		
13A-46A	(0)	Band 13			Yes	Yes			30
		Band 46						Yes	
13A-48A	(0)	Band 13			Yes	Yes			30
		Band 48			Yes	Yes	Yes	Yes	
13A-66A	(0)	Band 13			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
14A-30A	(0)	Band 14			Yes	Yes			20
		Band 30			Yes	Yes			
14A-66A	(0)	Band 14			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
14A-66A	(0)	Band 14			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
29A-30A	(0)	Band 29			Yes	Yes			20
		Band 30			Yes	Yes			
29A-66A	(0)	Band 29			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
30A-66A	(0)	Band 30			Yes	Yes			30
		Band 66			Yes	Yes	Yes	Yes	
46A-48A	(0)	Band 46						Yes	40
		Band 48			Yes	Yes	Yes	Yes	
46A-66A	(0)	Band 46						Yes	40
		Band 66			Yes	Yes	Yes	Yes	
48A-66A	(0)	Band 48			Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
48A-71A	(0)	Band 48			Yes	Yes	Yes	Yes	40
		Band 71			Yes	Yes	Yes	Yes	
66A-71A	(0)	Band 66			Yes	Yes	Yes	Yes	40
		Band 71			Yes	Yes	Yes	Yes	

2. DL Inter Band(3CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-13A-46A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 13			Yes	Yes			
		Band 46						Yes	
2A-13A-48A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 13			Yes	Yes			
		Band 48			Yes	Yes	Yes	Yes	
2A-13A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 13			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-14A-30A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 14			Yes	Yes			
		Band 30			Yes	Yes			
2A-14A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 14			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-29A-30A	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 29			Yes	Yes			
		Band 30			Yes	Yes			
2A-29A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 29			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-46A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 46	46A-46A BCS 0						
2A-46A-48A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 46						Yes	
		Band 48			Yes	Yes	Yes	Yes	
2A-46A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 46						Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-46C	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 46	46C BCS 0						
2A-48A-48A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 48	48A-48A BCS 0						
2A-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-48C	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 48	48C BCS 0						
2A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 66	66A-66A BCS 0						
2A-66A-71A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 66			Yes	Yes	Yes	Yes	
		Band 71			Yes	Yes	Yes	Yes	
2A-66B	(0)	Band 2			Yes	Yes	Yes	Yes	40
		Band 66	66B BCS 0						
2A-66C	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 66	66C BCS 0						
2A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
	(1)	Band 2			Yes	Yes			20
		Band 66			Yes	Yes			
	(2)	Band 2			Yes	Yes	Yes	Yes	40
		Band 66			Yes	Yes	Yes	Yes	
4A-4A-5A	(0)	Band 4	4A-4A BCS 0						50
		Band 5			Yes	Yes			
4A-4A-12A	(0)	Band 4	4A-4A BCS 0						50
		Band 12			Yes	Yes			
4A-4A-13A	(0)	Band 4	4A-4A BCS 0						50
		Band 13				Yes			
4A-4A-71A	(0)	Band 4	4A-4A BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	
4A-5B	(0)	Band 4			Yes	Yes	Yes	Yes	40
		Band 5	5B BCS 0						
4A-12B	(0)	Band 4			Yes	Yes	Yes	Yes	35
		Band 12	12B BCS 0						
4A-46A-46A	(0)	Band 4			Yes	Yes	Yes	Yes	60
		Band 46	46A-46A BCS 0						
4A-46C	(0)	Band 4			Yes	Yes	Yes	Yes	60
		Band 46	46C BCS 0						
4A-48C	(0)	Band 4			Yes	Yes	Yes	Yes	60
		Band 48	48C BCS 0						

3. DL Inter Band(4CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-5A-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-5B-30A	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 5	5B BCS 0						
		Band 30			Yes	Yes			
2A-5A-46A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 5			Yes	Yes			
		Band 46						Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-5A-48C	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	70
		Band 5			Yes	Yes			
		Band 48	48C BCS 0						
2A-5A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 5			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-5A-66B	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 5			Yes	Yes			
		Band 66	66B BCS 0						
2A-5A-66C	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 5			Yes	Yes			
		Band 66	66C BCS 0						
2A-5B-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 5	5B BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-7A-7A-13A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 7	7A-7A BCS 1						
		Band 13			Yes	Yes			
2A-7C-13A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 7	7C BCS 1						
		Band 13			Yes	Yes			
2A-7A-7A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 7	7A-7A BCS 1						
		Band 66			Yes	Yes	Yes	Yes	
2A-7C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 7	7C BCS 1						
		Band 66			Yes	Yes	Yes	Yes	
2A-12A-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 12			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-12A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 12			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-12A-66C	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 12			Yes	Yes			
		Band 66	66C BCS 0						
2A-12B-66A	(0)	Band 2			Yes	Yes	Yes	Yes	55
		Band 12	12B BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-46A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 46						Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-46C	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 46	46C BCS 0						
2A-13A-48A-48A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 48	48A-48A BCS 0						
2A-13A-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-48C	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 48	48C BCS 0						
2A-13A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-13A-66B	(0)	Band 2			Yes	Yes	Yes	Yes	50
		Band 13			Yes	Yes			
		Band 66	66B BCS 0						

LTE Downlink Carrier Aggregation configurations (Continued)

2. DL Inter Band(3CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
5A-5A-66A	(0)	Band 5	5A-5A BCS 0						40
		Band 66			Yes	Yes	Yes	Yes	
5A-30A-66A	(0)	Band 5			Yes	Yes			40
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
5B-30A	(0)	Band 5	5B BCS 0						30
		Band 30			Yes	Yes			
5A-46A-66A	(0)	Band 5			Yes	Yes			50
		Band 46						Yes	
		Band 66			Yes	Yes	Yes	Yes	
5A-46C	(0)	Band 5			Yes	Yes			50
		Band 46	46C BCS 0						
	(1)	Band 5			Yes	Yes			50
		Band 46	46C BCS 0						
5B-46A	(0)	Band 5	5B BCS 0						40
		Band 46						Yes	
5A-48A-66A	(0)	Band 5			Yes	Yes			50
		Band 46			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
5A-48C	(0)	Band 5			Yes	Yes			50
		Band 48	48C BCS 0						
5A-66A-66A	(0)	Band 5			Yes	Yes			50
		Band 66	66A-66A BCS 0						
5A-66B	(0)	Band 5			Yes	Yes			30
		Band 66	66B BCS 0						
5A-66C	(0)	Band 5			Yes	Yes			50
		Band 66	66C BCS 0						
5B-66A	(0)	Band 5	5B BCS 0						40
		Band 66			Yes	Yes	Yes	Yes	
7A-7A-13A	(0)	Band 7	7A-7A BCS 1						50
		Band 13			Yes	Yes			
7C-13A	(0)	Band 7	7C BCS 1						50
		Band 13			Yes	Yes			
7A-7A-66A	(0)	Band 7	7A-7A BCS 1						60
		Band 66			Yes	Yes	Yes	Yes	
7C-66A	(0)	Band 7	7C BCS 1						60
		Band 66			Yes	Yes	Yes	Yes	
12A-30A-66A	(0)	Band 12			Yes	Yes			40
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
12A-46C	(0)	Band 12			Yes	Yes			50
		Band 46	46C BCS 0						
12A-48C	(0)	Band 12			Yes	Yes			50
		Band 48	48C BCS 0						
12A-66A-66A	(0)	Band 12			Yes	Yes			50
		Band 66	66A-66A BCS 0						
12A-66C	(0)	Band 12			Yes	Yes			50
		Band 66	66C BCS 0						
12B-66A	(0)	Band 12	12B BCS 0						35
		Band 66			Yes	Yes	Yes	Yes	
13A-46A-46A	(0)	Band 13			Yes	Yes			50
		Band 46	46A-46A BCS 0						
13A-46A-66A	(0)	Band 13			Yes	Yes			40
		Band 46						Yes	
		Band 66			Yes	Yes	Yes	Yes	
13A-46C	(0)	Band 13			Yes	Yes			50
		Band 46	46C BCS 0						
13A-48A-48A	(0)	Band 13			Yes	Yes			50
		Band 48	48A-48A BCS 0						
13A-48A-66A	(0)	Band 13			Yes	Yes			50
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
13A-48C	(0)	Band 13			Yes	Yes			50
		Band 48	48C BCS 0						
13A-66A-66A	(0)	Band 13			Yes	Yes			50
		Band 66	66A-66A BCS 0						
13A-66B	(0)	Band 13			Yes	Yes			30
		Band 66	66B BCS 0						
13A-66C	(0)	Band 13			Yes	Yes			50
		Band 66	66C BCS 0						
14A-30A-66A	(0)	Band 14			Yes	Yes			40
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
14A-66A-66A	(0)	Band 14			Yes	Yes			50
		Band 66	66A-66A BCS 0						

3. DL Inter Band(4CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-13A-66C	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 66	66C BCS 0						
2A-14A-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 14			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-14A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 14			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-29A-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 29			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-29A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 29			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-30A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-46A-46A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46	46A-46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-46C	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46	46A-46C BCS 0						
2A-46A-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46						Yes	
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-48C	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46						Yes	
		Band 48	48C BCS 0						
2A-46C-48A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46	46C BCS 0						
		Band 48			Yes	Yes	Yes	Yes	
2A-46A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46						Yes	
		Band 66	66A-66A BCS 0						
2A-46C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46	46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46D	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 46	46D BCS 0						
2A-48A-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 48	48A-48A BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-48A-48C	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 48	48A-48C BCS 0						
2A-48A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 48			Yes	Yes	Yes	Yes	
		Band 66	66A-66A BCS 0						
2A-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-48D	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 48	48D BCS 0						
2A-66A-66A-71A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 66	66A-66A BCS 0						
		Band 71			Yes	Yes	Yes	Yes	
2A-66A-66B	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 66	66A-66B BCS 0						
2C-66A-66A	(0)	Band 2	2C BCS 0						80
		Band 66	66A-66A BCS 0						
2A-66C-71A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 66	66C BCS 0						
		Band 71			Yes	Yes	Yes	Yes	
4A-4A-5B	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 66	66A-66B BCS 0						
4A-4A-12B	(0)	Band 4	4A-4A BCS 0						55
		Band 12	12B BCS 0						
4A-46A-46C	(0)	Band 4			Yes	Yes	Yes	Yes	80
		Band 46	46A-46C BCS 0						
4A-46D	(0)	Band 4			Yes	Yes	Yes	Yes	80
		Band 46	46D BCS 0						

4. DL Inter Band(5CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-2A-5A-30A-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-5A-66A-66A	(0)	Band 2	2A-2A BCS 0						90
		Band 5			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-2A-5A-66B	(0)	Band 2	2A-2A BCS 0						70
		Band 5			Yes	Yes			
		Band 66	66B BCS 0						
2A-2A-5A-66C	(0)	Band 2	2A-2A BCS 0						90
		Band 5			Yes	Yes			
		Band 66	66C BCS 0						
2A-2A-5B-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 5	5B BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-12A-30A-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-12A-66A-66A	(0)	Band 2	2A-2A BCS 0						90
		Band 12			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-2A-12B-66A	(0)	Band 2	2A-2A BCS 0						75
		Band 5	12B BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-13A-66A-66A	(0)	Band 2	2A-2A BCS 0						90
		Band 13			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-2A-13A-66B	(0)	Band 2	2A-2A BCS 0						70
		Band 13			Yes	Yes			
		Band 66	66B BCS 0						
2A-2A-14A-30A-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 14			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-14A-66A-66A	(0)	Band 2	2A-2A BCS 0						90
		Band 14			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-2A-29A-30A-66A	(0)	Band 2	2A-2A BCS 0						80
		Band 29			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-2A-29A-66A-66A	(0)	Band 2	2A-2A BCS 0						90
		Band 29			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-2A-46D	(0)	Band 2	2A-2A BCS 0						100
		Band 46	46D BCS 0						
2A-5A-30A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 5			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-5B-30A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 5	5B BCS 0						
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
2A-5A-46A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 46						Yes	
		Band 66	66A-66A BCS 0						
2A-5A-46C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 46	66A-66A BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-5A-46D	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 46	46D BCS 0						
2A-5A-48C-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 48	48C BCS 0						
		Band 66	Yes	Yes	Yes	Yes	Yes	Yes	
2A-5A-48D	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 48	48D BCS 0						

LTE Downlink Carrier Aggregation configurations (Continued)

2. DL Inter Band(3CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
25A-41C	(0)	Band 25			Yes	Yes	Yes	Yes	60
		Band 41	41C BCS 1						
29A-30A-66A	(0)	Band 29			Yes	Yes			40
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
29A-66A-66A	(0)	Band 29			Yes	Yes			50
		Band 66	66A-66A BCS 0						
30A-66A-66A	(0)	Band 30			Yes	Yes			50
		Band 66	66A-66A BCS 0						
46A-46A-66A	(0)	Band 46	46A-46A BCS 0						60
		Band 66			Yes	Yes	Yes	Yes	
46A-48A-66A	(0)	Band 46						Yes	60
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
46A-48C	(0)	Band 46						Yes	60
		Band 48	48C BCS 0						
46A-66A-66A	(0)	Band 46						Yes	50
		Band 66	66A-66A BCS 0						
46C-66A	(0)	Band 46	46C BCS 0						60
		Band 66			Yes	Yes	Yes	Yes	
48A-48A-66A	(0)	Band 48	48A-48A BCS 0						60
		Band 66			Yes	Yes	Yes	Yes	
48A-48A-71A	(0)	Band 48	48A-48A BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	
48A-66A-66A	(0)	Band 48			Yes	Yes	Yes	Yes	60
		Band 66	66A-66A BCS 0						
48A-66B	(0)	Band 48			Yes	Yes	Yes	Yes	40
		Band 66	66B BCS 0						
48A-66C	(0)	Band 48			Yes	Yes	Yes	Yes	60
		Band 66	66B BCS 0						
48C-66A	(0)	Band 48	48C BCS 0						60
		Band 66			Yes	Yes	Yes	Yes	
48C-71A	(0)	Band 48	48C BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	
66A-66A-71A	(0)	Band 66	66A-66A BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	
66C-71A	(0)	Band 66	66C BCS 0						60
		Band 71			Yes	Yes	Yes	Yes	

3. DL Inter Band(4CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
4A-48D	(0)	Band 4			Yes	Yes	Yes	Yes	40
		Band 48	48D BCS 0						
5A-5A-66A-66A	(0)	Band 5	5A-5A BCS 0						60
		Band 66	66A-66A BCS 0						
5A-5A-66B	(0)	Band 5	5A-5A BCS 0						40
		Band 66	66B BCS 0						
5A-5A-66C	(0)	Band 5	5A-5A BCS 0						60
		Band 66	66C BCS 0						
5A-30A-66A-66A	(0)	Band 5			Yes	Yes			60
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
5B-30A-66A	(0)	Band 5	5B BCS 0						50
		Band 30			Yes	Yes			
		Band 66			Yes	Yes	Yes	Yes	
5A-46A-66A-66A	(0)	Band 5			Yes	Yes			70
		Band 46						Yes	
		Band 66	66A-66A BCS 0						
5A-46C-66A	(0)	Band 5			Yes	Yes			70
		Band 46	46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
5A-46D	(0)	Band 5			Yes	Yes			70
		Band 46	46D BCS 0						
	(1)	Band 5			Yes	Yes			70
		Band 46	46D BCS 1						
5B-46C	(0)	Band 5	5B BCS 0						60
		Band 46	46C BCS 0						
5A-48A-66A-66A	(0)	Band 5			Yes	Yes			70
		Band 48			Yes	Yes	Yes	Yes	
		Band 66	66A-66A BCS 0						
5A-48C-66A	(0)	Band 5			Yes	Yes			70
		Band 48	48C BCS 0						
		Band 66	Yes	Yes	Yes	Yes	Yes	Yes	
5A-48D	(0)	Band 5			Yes	Yes			70
		Band 48	48D BCS 0						
5B-66A-66A	(0)	Band 5	5B BCS 0						60
		Band 66	66A-66A BCS 0						
5B-66B	(0)	Band 5	5B BCS 0						40
		Band 66	66B BCS 0						
5B-66C	(0)	Band 5	5B BCS 0						60
		Band 66	66C BCS 0						
12A-30A-66A-66A	(0)	Band 12			Yes	Yes			60
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
12A-46D	(0)	Band 12			Yes	Yes			70
		Band 46	46D BCS 0						
12A-48D	(0)	Band 12			Yes	Yes			70
		Band 48	48D BCS 0						
12B-66A-66A	(0)	Band 12	12B BCS 0						55
		Band 66	66A-66A BCS 0						
13A-46A-66A-66A	(0)	Band 13			Yes	Yes			70
		Band 46						Yes	
		Band 66	66A-66A BCS 0						
13A-46C-66A	(0)	Band 13			Yes	Yes			70
		Band 46	46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
13A-46D	(0)	Band 13			Yes	Yes			70
		Band 46	46D BCS 0						
13A-48A-48A-66A	(0)	Band 13			Yes	Yes			70
		Band 48	48A-48A BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
13A-48A-48C	(0)	Band 13			Yes	Yes			70
		Band 48	48A-48C BCS 0						
13A-48A-66B	(0)	Band 13			Yes	Yes			50
		Band 48			Yes	Yes	Yes	Yes	
		Band 66	66B BCS 0						
13A-48A-66C	(0)	Band 13			Yes	Yes			70
		Band 48			Yes	Yes	Yes	Yes	
		Band 66	66C BCS 0						
13A-48C-66A	(0)	Band 13			Yes	Yes			70
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	

4. DL Inter Band(5CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
2A-5A-5A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 5	5A-5A BCS 0						
		Band 66	66A-66A BCS 0						
2A-5B-66A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 66	48D BCS 0						
2A-5B-66B	(0)	Band 2			Yes	Yes	Yes	Yes	60
		Band 5	5B BCS 0						
		Band 66	66B BCS 0						
2A-5B-66C	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 5	5B BCS 0						
		Band 66	66C BCS 0						
2A-5A-48A-66A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	90
		Band 5			Yes	Yes			
		Band 48			Yes	Yes	Yes	Yes	
		Band 66	66A-66A BCS 0						
2A-12A-30A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 12			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-12B-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	75
		Band 12	12B BCS 0						
		Band 66	66A-66A BCS 0						
2A-13A-46A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 46						Yes	
		Band 66	66A-66A BCS 0						
2A-13A-46C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 46	46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-46D	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 46	46D BCS 0						
2A-13A-48A-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 48	48A-48A BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-48A-48C	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 48	48A-48C BCS 0						
2A-13A-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-48D	(0)	Band 2			Yes	Yes	Yes	Yes	90
		Band 13			Yes	Yes			
		Band 48	48D BCS 0						
2A-13A-66A-66B	(0)	Band 2			Yes	Yes	Yes	Yes	70
		Band 13			Yes	Yes			
		Band 66	66A-66B BCS 0						
2A-14A-30A-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	80
		Band 14			Yes	Yes			
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
2A-46A-46C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46A-46C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-46D	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46A-46D BCS 0						
2A-46A-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46						Yes	
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46C-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46C BCS 0						
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-48D	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46						Yes	
		Band 48	48D BCS 0						

LTE Downlink Carrier Aggregation configurations (Continued)

3. DL Inter Band(4CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
13A-48D	(0)	Band 13			Yes	Yes			70
		Band 48	48D BCS 0						
13A-66A-66B	(0)	Band 13			Yes	Yes			50
		Band 66	66A-66B BCS 0						
14A-30A-66A-66A	(0)	Band 14			Yes	Yes			60
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
25A-41D	(0)	Band 25			Yes	Yes	Yes	Yes	80
		Band 41	41D BCS 0						
29A-30A-66A-66A	(0)	Band 29			Yes	Yes			60
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
46A-46C-66A	(0)	Band 46	46A-46C BCS 0						80
		Band 66			Yes	Yes	Yes	Yes	
46A-48C-66A	(0)	Band 46						Yes	80
		Band 48	66C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46C-48A-66A	(0)	Band 46	66C BCS 0						80
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
46C-66A-66A	(0)	Band 46	46C BCS 0						80
		Band 66	66A-66A BCS 0						
46D-66A	(0)	Band 46	46D BCS 0						80
		Band 66			Yes	Yes	Yes	Yes	
48A-48A-66A-66A	(0)	Band 48	48A-48C BCS 0						80
		Band 66	66A-66A BCS 0						
48A-48A-66B	(0)	Band 48	48A-48A BCS 0						60
		Band 66	66B BCS 0						
48A-48A-66C	(0)	Band 48	48A-48A BCS 0						60
		Band 66	66B BCS 0						
48A-48C-66A	(0)	Band 48	48A-48C BCS 0						80
		Band 66			Yes	Yes	Yes	Yes	
48C-66A-66A	(0)	Band 48	48C BCS 0						80
		Band 66	66A-66A BCS 0						
48C-66B	(0)	Band 48	48C BCS 0						60
		Band 66	66B BCS 0						
48C-66C	(0)	Band 48	48C BCS 0						60
		Band 66	66C BCS 0						
48D-66A	(0)	Band 48	48D BCS 0						80
		Band 66			Yes	Yes	Yes	Yes	

4. DL Inter Band(5CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
2A-46C-48C	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46C BCS 0						
		Band 48	48C BCS 0						
2A-46D-48A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46D BCS 0						
		Band 48			Yes	Yes	Yes	Yes	
2A-46C-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46C BCS 0						
		Band 66	66A-66A BCS 0						
2A-46D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46E	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46E BCS 0						
2A-48A-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48A-48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-48A-48D	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48A-48D BCS 0						
2A-48C-48C	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48C-48C BCS 0						
2A-48D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-48E	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48E BCS 0						
2A-48C-66A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	100
		Band 48	48C BCS 0						
		Band 66	66B BCS 0						
4A-46A-46D	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 46	46A-46D BCS 0						
4A-48E	(0)	Band 2			Yes	Yes	Yes	Yes	100
		Band 48	48E BCS 0						
5B-30A-66A-66A	(0)	Band 5	5B BCS 0						70
		Band 30			Yes	Yes			
		Band 66	66A-66A BCS 0						
5A-46C-66A-66A	(0)	Band 5			Yes	Yes			90
		Band 46	46C BCS 0						
		Band 66	66A-66A BCS 0						
5A-46D-66A	(0)	Band 5			Yes	Yes			90
		Band 46	46D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
5A-46E	(0)	Band 5			Yes	Yes			90
		Band 46	46E BCS 0						
	(1)	Band 5			Yes	Yes			90
		Band 46	46E BCS 1						
5B-46D	(0)	Band 5	5B BCS 0						80
		Band 46	46D BCS 0						
5A-48D-66A	(0)	Band 5			Yes	Yes			90
		Band 48	48D BCS 0						
		Band 66	Yes	Yes	Yes	Yes	Yes	Yes	
5A-48C-66A-66A	(0)	Band 5			Yes	Yes			90
		Band 48	48D BCS 0						
		Band 66	66A-66A BCS 0						
12A-46E	(0)	Band 12			Yes	Yes			90
		Band 46	46E BCS 0						
13A-46C-66A-66A	(0)	Band 13			Yes	Yes			90
		Band 46	46C BCS 0						
		Band 66	66A-66A BCS 0						
13A-46D-66A	(0)	Band 13			Yes	Yes			90
		Band 46	46D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
13A-46E	(0)	Band 13			Yes	Yes			90
		Band 46	46E BCS 0						
13A-48A-48C-66A	(0)	Band 13			Yes	Yes			90
		Band 48	48A-48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	

5. DL Inter Band(6CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Bandwidth						Max Aggregated BW
			1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
2A-5A-46C-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	110
		Band 5			Yes	Yes			
		Band 46	46C BCS 0						
		Band 66	66A-66A BCS 0						
2A-5A-46D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	110
		Band 5			Yes	Yes			
		Band 46	46D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-5A-46E	(0)	Band 2			Yes	Yes	Yes	Yes	110
		Band 5			Yes	Yes			
		Band 46	46E BCS 0						
2A-5A-48C-66A-66A	(0)	Band 2	Yes	Yes	Yes	Yes	Yes	Yes	110
		Band 5			Yes	Yes			
		Band 48	48C BCS 0						
		Band 66	66A-66A BCS 0						
2A-13A-46D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	110
		Band 13			Yes	Yes			
		Band 46	46D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-46E	(0)	Band 2			Yes	Yes	Yes	Yes	110
		Band 13			Yes	Yes			
		Band 46	46E BCS 0						
2A-46A-48D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46						Yes	
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46C-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46C BCS 0						
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46D-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46D BCS 0						
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-46A-48E	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46						Yes	
		Band 48	48E BCS 0						
2A-46C-48D	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46C BCS 0						
		Band 48	48D BCS 0						
2A-46D-48C	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46D BCS 0						
		Band 48	48C BCS 0						
2A-46E-48A	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46E BCS 0						
		Band 48	48C BCS 0						
2A-46D-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46D BCS 0						
		Band 66	66A-66A BCS 0						
2A-46E-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 46	46E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-48E-66A	(0)	Band 2			Yes	Yes	Yes	Yes	120
		Band 48	48E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
5A-46D-66A-66A	(0)	Band 5			Yes	Yes			110
		Band 46	46D BCS 0						
		Band 66	66A-66A BCS 0						
5A-46E-66A	(0)	Band 5			Yes	Yes			110
		Band 46	46E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
5A-48D-66A-66A	(0)	Band 5			Yes	Yes			110
		Band 48	48D BCS 0						
		Band 66	66A-66A BCS 0						
13A-46D-66A-66A	(0)	Band 13			Yes	Yes			110
		Band 46	46D BCS 0						
		Band 66	66A-66A BCS 0						

LTE Downlink Carrier Aggregation configurations (Continued)

4. DL Inter Band(5CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
13A-48A-48D	(0)	Band 13			Yes	Yes			90
		Band 48	48A-48D BCS 0						
13A-48C-48C	(0)	Band 13			Yes	Yes			90
		Band 48	48C-48C BCS 0						
13A-48D-66A	(0)	Band 13			Yes	Yes			90
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
13A-48E	(0)	Band 13			Yes	Yes			90
		Band 48	48E BCS 0						
46A-46D-66A	(0)	Band 46	46A-46D BCS 0						100
		Band 66			Yes	Yes	Yes	Yes	
46A-48D-66A	(0)	Band 46						Yes	100
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46C-48C-66A	(0)	Band 46	46C BCS 0						100
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46D-48A-66A	(0)	Band 46	46D BCS 0						100
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
46D-66A-66A	(0)	Band 46	46D BCS 0						100
		Band 66	66A-66A BCS 0						
46E-66A	(0)	Band 46	46E BCS 0						100
		Band 66			Yes	Yes	Yes	Yes	
48A-48C-66B	(0)	Band 48	48A-48C BCS 0						80
		Band 66	66B BCS 0						
48A-48C-66C	(0)	Band 48	48A-48C BCS 0						100
		Band 66	66C BCS 0						
48A-48D-66A	(0)	Band 48	48A-48D BCS 0						100
		Band 66			Yes	Yes	Yes	Yes	
48C-48C-66A	(0)	Band 48	48C-48C BCS 0						100
		Band 66			Yes	Yes	Yes	Yes	
48E-66A	(0)	Band 48	48E BCS 0						100
		Band 66			Yes	Yes	Yes	Yes	

5. DL Inter Band(6CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
13A-46E-66A	(0)	Band 13			Yes	Yes			110
		Band 46	46E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
13A-48E-66A	(0)	Band 13			Yes	Yes			110
		Band 48	48E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46A-48E-66A	(0)	Band 46						Yes	120
		Band 48	48E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46C-48D-66A	(0)	Band 46	46C BCS 0						120
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46D-48C-66A	(0)	Band 46	46D BCS 0						120
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46E-48A-66A	(0)	Band 46	46E BCS 0						120
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
46E-66A-66A	(0)	Band 46	46E BCS 0						120
		Band 66	66A-66A BCS 0						

6. DL Inter Band(7CC)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20 MHz	Max Aggregated BW
2A-5A-46D-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	130
		Band 5			Yes	Yes			
		Band 46	46D BCS 0						
		Band 66	66A-66A BCS 0						
2A-5A-46E-66A	(0)	Band 2			Yes	Yes	Yes	Yes	130
		Band 5			Yes	Yes			
		Band 46	46E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-13A-46D-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	130
		Band 13			Yes	Yes			
		Band 46	46D BCS 0						
		Band 66	66A-66A BCS 0						
2A-46C-48D-66A	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46C BCS 0						
		Band 48	48D BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46D-48C-66A	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46D BCS 0						
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
2A-46E-48A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46E BCS 0						
		Band 48			Yes	Yes	Yes	Yes	
		Band 66			Yes	Yes	Yes	Yes	
2A-46C-48E	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46C BCS 0						
		Band 48	48E BCS 0						
2A-46E-48C	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46E BCS 0						
		Band 48	48C BCS 0						
2A-46E-66A-66A	(0)	Band 2			Yes	Yes	Yes	Yes	140
		Band 46	46E BCS 0						
		Band 66	66A-66A BCS 0						
5A-46E-66A-66A	(0)	Band 5			Yes	Yes			130
		Band 46	46E BCS 0						
		Band 66	66A-66A BCS 0						
46C-48E-66A	(0)	Band 46	46C BCS 0						140
		Band 48	48E BCS 0						
		Band 66			Yes	Yes	Yes	Yes	
46E-48C-66A	(0)	Band 46	46E BCS 0						140
		Band 48	48C BCS 0						
		Band 66			Yes	Yes	Yes	Yes	

LTE Downlink Carrier Aggregation configurations (Continued)

7. DL Intra Band(non-contiguous)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Allowed Channel BW Per Carrier (MHz)				Max Aggregated BW
			1st Carrier	2nd Carrier	3rd Carrier	4th Carrier	
4A-4A	(0)	Band 4	5, 10, 15, 20	5, 10, 15, 20			40
	(1)	Band 4	5, 10	5, 10			20
5A-5A	(0)	Band 5	5, 10	5, 10			20
	(1)	Band 5	3	5			8
7A-7A	(0)	Band 7	5	15			40
			10	10, 15			
			15	15, 20			
			20	20			
	(1)	Band 7	5, 10, 15, 20	5, 10, 15, 20			40
	(2)	Band 7	5, 10, 15, 20	5, 10			30
	(3)	Band 7	10. 15. 20	10. 15. 20			40
25A-25A	(0)	Band 25	5, 10	5, 10			20
	(1)	Band 25	5, 10, 15, 20	5, 10, 15, 20			40
41A-41A	(0)	Band 41	10, 15, 20	10, 15, 20			40
	(1)	Band 41	5, 10, 15, 20	5, 10, 15, 20			40
48A-48A	(0)	Band 48	5, 10, 15, 20	5, 10, 15, 20			40
66A-66A	(0)	Band 66	5, 10, 15, 20	5, 10, 15, 20			40
41A-41C	(0)	Band 41	5, 10, 15, 20	41C BCS 1			60
			41C BCS 1	5, 10, 15, 20			
48A-48C	(0)	Band 48	5, 10, 15, 20	48C BCS 0			60
			48C BCS 0	5, 10, 15, 20			
66A-66A	(0)	Band 66	5, 10, 15, 20	5, 10, 15, 20			40
66A-66B	(0)	Band 66	5, 10, 15, 20	66B BCS 0			40
			66B BCS 0	5, 10, 15, 20			40
66A-66C	(0)	Band 66	5, 10, 15, 20	66C BCS 0			60
			66C BCS 0	5, 10, 15, 20			60
48A-48D	(0)	Band 48	5, 10, 15, 20	48D BCS 0			80
			48D BCS 0	5, 10, 15, 20			
48C-48C	(0)	Band 48	48C BCS 0	48C BCS 0			80
48A-48E	(0)	Band 48	5, 10, 15, 20	48E BCS 0			100
			48E BCS 0	5, 10, 15, 20			
48C-48D	(0)	Band 48	48C BCS 0	48D BCS 0			100
			48D BCS 0	48C BCS 0			

8. DL Intra Band(contiguous)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Allowed Channel BW Per Carrier (MHz)					Max Aggregated BW
			1st Carrier	2nd Carrier	3rd Carrier	4th Carrier	5th Carrier	
2C	(0)	Band 2	5	20				40
			10	15,20				
			15	10,15,20				
			20	5,10,15,20				
5B	(0)	Band 5	5, 10	10				20
			10	5				
	(1)	Band 5	3	5				8
			5	3				
7C	(0)	Band 7	15	15				40
			20	20				
	(1)	Band 7	10	20				40
			15	15, 20				
			20	10, 15, 20				
	(2)	Band 7	15	10, 15				40
			20	15, 20				
12B	(0)	Band 12	5, 10	5				15
41C	(0)	Band 41	10	20				40
			15	15, 20				
			20	10, 15, 20				
	(1)	Band 41	5, 10	20				40
			15	15, 20				
			20	5, 10, 15, 20				
	(2)	Band 41	10	15, 20				40
			15	10, 15, 20				
			20	10, 15, 20				
	(3)	Band 41	10	20				40
			20	20				
48C	(0)	Band 48	5, 10, 15, 20	20				40
			20	5, 10, 15				
66B	(0)	Band 66	5	5, 10, 15				20
		Band 66	10	5, 10				
		Band 66	15	5				
66C	(0)	Band 66	5	20				40
		Band 66	10	15,20				
		Band 66	15	10,15,20				
		Band 66	20	5,10,15,20				
41D	(0)	Band 41	10	20	15			60
			10	15, 20	20			
			15	20	10, 15			
			15	10, 15, 20	20			
			20	15, 20	10			
			20	10, 15, 20	15, 20			
48D	(0)	Band 48	5, 10, 15, 20	20	20			60
			20	20	5,10,15			
48E	(0)	Band 48	5, 10, 15, 20	20	20	20		80
			20	20	20	5, 10, 15		
48F	(0)	Band 48	5, 10, 15, 20	20	20	20	20	100
			20	20	20	20	5, 10, 15, 20	

LTE Uplink / Downlink Carrier Aggregation Intra-band configurations

9.. DL Intra Band(contiguous)

E-UTRA CA configuration	Bandwidth Combination Set	E-UTRA Band	Allowed Channel BW Per Carrier (MHz)					Max Aggregated BW
			1st Carrier	2nd Carrier	3rd Carrier	4th Carrier	5th Carrier	
5B	(0)	Band 5	5, 10	10				20
			10	5				
	(1)	Band 5	3	5				8
			5	3				
7C	(0)	Band 7	15	15				40
			20	20				
	(1)	Band 7	10	20				40
			15	15, 20				
			20	10, 15, 20				
	(2)	Band 7	15	10, 15				40
			20	15, 20				
41C	(0)	Band 41	10	20				40
			15	15, 20				
			20	10, 15, 20				
	(1)	Band 41	5, 10	20				40
			15	15, 20				
			20	5, 10, 15, 20				
	(2)	Band 41	10	15, 20				40
			15	10, 15, 20				
			20	10, 15, 20				
	(3)	Band 41	10	20				40
			20	20				
48C	(0)	Band 48	5, 10, 15, 20	20				40
			20	5, 10, 15				
66B	(0)	Band 66	5	5, 10, 15				20
		Band 66	10	5, 10				
		Band 66	15	5				
66C	(0)	Band 66	5	20				40
		Band 66	10	15,20				
		Band 66	15	10,15,20				
		Band 66	20	5,10,15,20				

Note:

LTE CA_5B, 7C, 41C, 66B, 66C are supported in both Uplink and Downlink, other CA configurations are supported only Downlink

LTE Uplink Carrier Aggregation Combinations

Maximum Output Power (Tune-up Limit) for LTE UL Carrier Aggregation

UL CA shall be tested based on the worst-case SAR configuration determined from non-CA SAR testing result. The channel BW, channel number, RB Allocation, etc. would be selected to allow contiguous CA of PCC and SCC. Uplink output power for UL CA is the total power measured across the PCC and SCC.

UL CA power measurements were performed with QPSK modulation based on the worst-case standalone SAR. The tune-up limits are provided in table below. The UL CA mode power measurements represent the total power across both carriers. Measurements were made for all supported PCC bandwidths using the channel/RB combination resulting in the highest standalone output power at the least MPR (0 dB). SCCs were set to use configurations similar to the PCC to establish conservative or worst case equivalent SAR test conditions (highest maximum power with MPR of 0 dB).

The standalone power measurement is the power for the PCC in the non-CA mode (i.e. single carrier power). In all cases the UL CA power is less than or equal to the standalone power, which is in accordance with the tune-up limits in table below.

According to November 2017 TCB workshop, Uplink CA SAR Test Guidance as follows;

a) When the maximum output for UL CA is ≤ standalone LTE mode (without CA)
   - PCC is configured according to the highest standalone SAR configuration tested
   - SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.

b) When the Reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels (PCC based).

c) UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level.

SAR measurement is not required for the 16QAM and 64QAM. When the highest maximum output power for 16QAM and 64QAM is ≤ 0.25 dB higher than the QPSK or when the reported SAR for the QPSK configuration is ≤ 1.45 W/kg.

E-UTRA CA configurations	RF exposure conditions	Antenna	Bands		UL																
			PCC	SCC	PCC						SCC						MPR	PCC + SCC			
			1st	2nd	Mod	RB	Offset	BW	Freq	Ch	Mod	RB	Offset	BW	Freq	Ch		Aggregated BW	Tune-up Limit (dBm)	CA power (total PCC+SCC) (dBm)	3GPP Rel.#
CA_5B(0)(1)	Head	Ant. A/ A+B	5B	5B	QPSK	1	49	10	836.5	20525	QPSK	1	0	5	843.7	20597	0	15	25.5	23.99	16
CA_5B(0)(1)	Body	Ant. A/ A+B	5B	5B	QPSK	1	49	10	836.5	20525	QPSK	1	0	5	843.7	20597	0	15	25.5	23.99	16
CA_66B(0)	Head	Ant. B	66B	66B	QPSK	1	74	15	1717.5	132047	QPSK	1	0	5	1726.8	132140	0	20	25	23.78	16
CA_66B(0)	body (Closed)	Ant. B	66B	66B	QPSK	1	74	15	1717.5	132047	QPSK	1	0	5	1726.8	132140	0	20	20	19.03	16
	body (Opened)	Ant. B	66B	66B	QPSK	36	39	15	1717.5	132047	QPSK	12	0	5	1726.8	132140	0	20	20	19.01	16
CA_66C(0)	Head	Ant. B	66C	66C	QPSK	1	99	20	1720	132072	QPSK	1	0	20	1739.8	132270	0	40	25	23.94	16
CA_66C(0)	Body	Ant. B	66C	66C	QPSK	1	99	20	1720	132072	QPSK	1	0	20	1739.8	132270	0	40	20	18.91	16
CA_41C(0)(1)(2)(3)	Head	Ant. B	41C	41C	QPSK	50	0	20	2636.5	41055	QPSK	50	50	20	2616.7	40857	1	40	24	22.47	16
CA_41C(0)(1)(2)(3)	body (Closed)	Ant. B	41C	41C	QPSK	1	0	20	2636.5	41055	QPSK	1	99	20	2616.7	40857	0	40	20	19.28	16
CA_41C(0)(1)(2)(3)	body (Opened)	Ant. B	41C	41C	QPSK	50	0	20	2549.5	40185	QPSK	50	50	20	2529.7	39987	0	40	20	18.82	16
CA_48C(0)	Head	Ant. F	48C	48C	QPSK	1	99	20	3560	55340	QPSK	1	0	20	3579.8	55538	0	40	23	22.17	16
CA_48C(0)	body (Closed)	Ant. F	48C	48C	QPSK	50	50	20	3560	55340	QPSK	50	0	20	3579.8	55538	0	40	21	20.31	16
CA_48C(0)	body (Opened) 1-g	Ant. F	48C	48C	QPSK	50	50	20	3560	55340	QPSK	50	0	20	3579.8	55538	0	40	23	20.31	16
CA_48C(0)	body (Opened) 10-g	Ant. F	48C	48C	QPSK	1	99	20	3646.7	56207	QPSK	1	0	20	3666.5	56405	0	40	21	20.2	16
CA_66B(0)	Head	Ant. F	66B	66B	QPSK	1	74	15	1717.5	132047	QPSK	1	0	5	1726.8	132140	0	0	23.5	22.51	16
CA_66B(0)	Body	Ant. F	66B	66B	QPSK	36	0	15	1772.5	132597	QPSK	12	13	5	1763.2	132504	0	20	21	20.12	16
CA_66C(0)	Head	Ant. F	66C	66C	QPSK	1	99	20	1720	132072	QPSK	1	0	20	1739.8	132270	0	40	23.5	22.52	16
CA_66C(0)	Body	Ant. F	66C	66C	QPSK	50	0	20	1770	132572	QPSK	50	50	20	1750.2	132374	0	40	21	19.85	16

Maximum Output Power (Tune-up Limit) for LTE UL Carrier Aggregation(Continued)

E-UTRA CA configurations	RF exposure conditions	Antenna	Bands		UL																
			PCC	SCC	PCC						SCC						MPR	PCC + SCC			
			1st	2nd	Mod	RB	Offset	BW	Freq	Ch	Mod	RB	Offset	BW	Freq	Ch		Aggregated BW	Tune-up Limit (dBm)	CA power (total PCC+SCC) (dBm)	3GPP Rel.#
CA_41C(0)(1)(2)(3)	Head	Ant. F	41C	41C	QPSK	1	0	20	2593	40620	QPSK	1	99	20	2573.2	40422	0	40	25	23.7	16
CA_41C(0)(1)(2)(3)	body (Closed)	Ant. F	41C	41C	QPSK	50	0	20	2593	40620	QPSK	50	50	20	2573.2	40422	0	40	22	21.15	16
CA_41C(0)(1)(2)(3)	body (Opened) 1-g	Ant. F	41C	41C	QPSK	50	0	20	2593	40620	QPSK	50	50	20	2573.2	40422	0	40	22	20.87	16
CA_41C(0)(1)(2)(3)	body (Opened) 10-g	Ant. F	41C	41C	QPSK	50	0	20	2549.5	40185	QPSK	50	50	20	2529.7	39987	0	40	22	20.37	16

Note:

Standalone output power values are referenced from Sec.9.3 in the SAR Part.1 Test Report.

LTE Downlink Carrier Aggregation Combinations

The DL CA power measurement conditions for various CC's combinations were determined according LTE DL CA SAR Test Exclusion guidance in TCB workshop note (April 2018). Only yellow highlighted cells need power measurement. The following power measurements were performed with a single carrier uplink; CA for this particular project only supports one (1) uplink and up to four (4) downlinks.

LTE Release 10 Carrier Aggregation

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC#1	2A-2A		5CC#1
2CC#2	2A-4A		4CC#1
2CC#3	2A-5A		7CC#1
2CC#4	2A-7A		4CC#36
2CC#5	2A-12A		5CC#5
2CC#6	2A-13A		7CC#3
2CC#7	2A-14A		5CC#10
2CC#8	2A-29A	B29 SCC only	5CC#12
2CC#9	2A-30A		5CC#1
2CC#10	2A-46A	B46 SCC only	6CC#8
2CC#11	2A-48A	B48 SCC only	7CC#6
2CC#12	2A-66A		7CC#1
2CC#13	2A-71A		4CC#4
2CC#14	2C		4CC#73
2CC#15	4A-4A		4CC#1
2CC#16	4A-5A		4CC#2
2CC#17	4A-12A		4CC#3
2CC#18	4A-13A		3CC#14
2CC#19	4A-46A	B46 SCC only	5CC#53
2CC#20	4A-48A	B48 SCC only	
2CC#21	4A-71A		4CC#4
2CC#22	5A-5A		5CC#15
2CC#23	5A-25A		
2CC#24	5A-30A		5CC#1
2CC#25	5A-41A	B41 SCC only	
2CC#26	5A-46A	B46 SCC only	5CC#17
2CC#27	5A-48A	B48 SCC only	5CC#20
2CC#28	5A-66A		7CC#1
2CC#29	5B		5CC#23
2CC#30	7A-7A		4CC#36

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#1	2A-2A-4A		4CC#1
3CC#2	2A-2A-5A		5CC#1
3CC#3	2A-2A-12A		5CC#1
3CC#4	2A-2A-13A		5CC#8
3CC#5	2A-2A-14A		5CC#10
3CC#6	2A-2A-29A	B29 SCC only	5CC#12
3CC#7	2A-2A-30A		5CC#1
3CC#8	2A-2A-46A	B46 SCC only	
3CC#9	2A-2A-66A		5CC#1
3CC#10	2A-2A-71A		4CC#4
3CC#11	2A-4A-4A		4CC#1
3CC#12	2A-4A-5A		4CC#2
3CC#13	2A-4A-12A		4CC#3
3CC#14	2A-4A-13A		
3CC#15	2A-4A-71A		4CC#4
3CC#16	2A-5A-5A		5CC#15
3CC#17	2A-5A-30A		5CC#1
3CC#18	2A-5A-46A	B46 SCC only	5CC#17
3CC#19	2A-5A-48A	B48 SCC only	5CC#20
3CC#20	2A-5A-66A		7CC#1
3CC#21	2A-5B		5CC#23
3CC#22	2A-7A-7A		4CC#36
3CC#23	2A-7A-13A		4CC#36
3CC#24	2A-7A-66A		4CC#37
3CC#25	2A-7C		4CC#38
3CC#26	2A-12A-30A		5CC#5
3CC#27	2A-12A-66A		5CC#5
3CC#28	2A-12B		5CC#7
3CC#29	2A-13A-46A	B46 SCC only	5CC#28
3CC#30	2A-13A-48A	B48 SCC only	5CC#31

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#1	2A-2A-4A-4A		
4CC#2	2A-2A-4A-5A		
4CC#3	2A-2A-4A-12A		
4CC#4	2A-2A-4A-71A		
4CC#5	2A-2A-5A-30A		5CC#1
4CC#6	2A-2A-5A-66A		5CC#1
4CC#7	2A-2A-5B		
4CC#8	2A-2A-12A-30A		5CC#5
4CC#9	2A-2A-12A-66A		5CC#5
4CC#10	2A-2A-12B		5CC#7
4CC#11	2A-2A-13A-66A		5CC#8
4CC#12	2A-2A-14A-30A		5CC#10
4CC#13	2A-2A-14A-66A		5CC#10
4CC#14	2A-2A-29A-30A	B29 SCC only	5CC#12
4CC#15	2A-2A-29A-66A	B29 SCC only	5CC#12
4CC#16	2A-2A-30A-66A		5CC#1
4CC#17	2A-2A-46C	B46 SCC only	
4CC#18	2A-2A-66A-66A		5CC#2
4CC#19	2A-2A-66A-71A		
4CC#20	2A-2A-66B		5CC#3
4CC#21	2A-2A-66C		5CC#4
4CC#22	2A-4A-4A-5A		
4CC#23	2A-4A-4A-12A		
4CC#24	2A-4A-5B		
4CC#25	2A-4A-12B		
4CC#26	2A-5A-5A-66A		5CC#15
4CC#27	2A-5A-30A-66A		5CC#1
4CC#28	2A-5A-46A-66A	B46 SCC only	5CC#17
4CC#29	2A-5A-46C	B46 SCC only	6CC#1
4CC#30	2A-5A-48A-66A	B48 SCC only	5CC#20

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation (Continued)

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC#31	7A-13A		4CC#36
2CC#32	7A-66A		4CC#37
2CC#33	7C		4CC#38
2CC#34	12A-25A		
2CC#35	12A-30A		5CC#5
2CC#36	12A-46A	B46 SCC only	
2CC#37	12A-48A	B48 SCC only	
2CC#38	12A-66A		5CC#5
2CC#39	12B		5CC#7
2CC#40	13A-46A	B46 SCC only	5CC#28
2CC#41	13A-48A	B48 SCC only	5CC#31
2CC#42	13A-66A		7CC#3
2CC#43	14A-30A		5CC#10
2CC#44	14A-66A		5CC#10
2CC#45	25A-25A		
2CC#46	25A-41A	B41 SCC only	
2CC#47	29A-30A	B29 SCC only	5CC#12
2CC#48	29A-66A	B29 SCC only	5CC#12
2CC#49	30A-66A		5CC#1
2CC#50	41A-41A		
2CC#51	41C		3CC#90
2CC#52	46A-66A	B46 SCC only	6CC#8
2CC#53	48A-48A		
2CC#54	48A-66A	B48 SCC only	7CC#6
2CC#55	48A-71A	B48 SCC only	3CC#101
2CC#56	48C		5CC#81
2CC#57	66A-66A		7CC#1
2CC#58	66A-71A		4CC#19
2CC#59	66B		5CC#3
2CC#60	66C		5CC#4

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#31	2A-13A-66A		7CC#3
3CC#32	2A-14A-30A		5CC#10
3CC#33	2A-14A-66A		5CC#10
3CC#34	2A-29A-30A	B29 SCC only	5CC#12
3CC#35	2A-29A-66A	B29 SCC only	5CC#12
3CC#36	2A-30A-66A		5CC#1
3CC#37	2A-46A-46A	B46 SCC only	4CC#57
3CC#38	2A-46A-48A	B46 B48 SCC only	4CC#60
3CC#39	2A-46A-66A	B46 SCC only	6CC#8
3CC#40	2A-46C	B46 SCC only	7CC#4
3CC#41	2A-48A-48A	B48 SCC only	5CC#31
3CC#42	2A-48A-66A	B48 SCC only	7CC#6
3CC#43	2A-48C	B48 SCC only	7CC#5
3CC#44	2A-66A-66A		7CC#1
3CC#45	2A-66A-71A		4CC#19
3CC#46	2A-66B		5CC#3
3CC#47	2A-66C		5CC#4
3CC#48	2C-66A		4CC#73
3CC#49	4A-4A-5A		4CC#22
3CC#50	4A-4A-12A		4CC#23
3CC#51	4A-4A-13A		
3CC#52	4A-4A-71A		
3CC#53	4A-5B		4CC#24
3CC#54	4A-12B		4CC#25
3CC#55	4A-46A-46A	B46 SCC only	
3CC#56	4A-46C	B46 SCC only	4CC#77
3CC#57	4A-48C	B48 SCC only	
3CC#58	5A-5A-66A		5CC#15
3CC#59	5A-30A-66A		5CC#1
3CC#60	5A-46A-66A	B46 SCC only	5CC#17
3CC#61	5A-46C	B46 SCC only	6CC#1
3CC#62	5B-46A	B46 SCC only	
3CC#63	5A-48A-66A	B48 SCC only	5CC#20
3CC#64	5A-48C	B48 SCC only	6CC#4
3CC#65	5A-66A-66A		7CC#1
3CC#66	5A-66B		5CC#3
3CC#67	5A-66C		5CC#4
3CC#68	5B-66A		5CC#23
3CC#69	7A-7A-13A		4CC#36
3CC#70	7A-7A-66A		4CC#37

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#31	2A-5A-48C	B48 SCC only	6CC#4
4CC#32	2A-5A-66A-66A		7CC#1
4CC#33	2A-5A-66B		5CC#3
4CC#34	2A-5A-66C		5CC#4
4CC#35	2A-5B-66A		5CC#23
4CC#36	2A-7A-7A-13A		
4CC#37	2A-7A-7A-66A		
4CC#38	2A-7C-13A		
4CC#39	2A-7C-66A		
4CC#40	2A-12A-30A-66A		5CC#5
4CC#41	2A-12A-66A-66A		5CC#6
4CC#42	2A-12A-66C		
4CC#43	2A-12B-66A		5CC#7
4CC#44	2A-13A-46A-66A	B46 SCC only	5CC#28
4CC#45	2A-13A-46C	B46 SCC only	6CC#5
4CC#46	2A-13A-48A-48A	B48 SCC only	5CC#31
4CC#47	2A-13A-48A-66A	B48 SCC only	5CC#31
4CC#48	2A-13A-48C	B48 SCC only	5CC#32
4CC#49	2A-13A-66A-66A		7CC#3
4CC#50	2A-13A-66B		5CC#9
4CC#51	2A-13A-66C		
4CC#52	2A-14A-30A-66A		5CC#10
4CC#53	2A-14A-66A-66A		5CC#11
4CC#54	2A-29A-30A-66A	B29 SCC only	5CC#12
4CC#55	2A-29A-66A-66A	B29 SCC only	5CC#13
4CC#56	2A-30A-66A-66A		5CC#16
4CC#57	2A-46A-46A-66A	B46 SCC only	
4CC#58	2A-46A-46C	B46 B46 SCC only	5CC#37
4CC#59	2A-46A-48A-48A	B46 B48 SCC only	
4CC#60	2A-46A-48A-66A	B46 B48 SCC only	
4CC#61	2A-46A-48C	B46 B48 SCC only	5CC#39
4CC#62	2A-46C-48A	B46 SCC only	5CC#40
4CC#63	2A-46A-66A-66A	B46 SCC only	5CC#17
4CC#64	2A-46C-66A	B46 SCC only	7CC#4
4CC#65	2A-46D	B48 SCC only	7CC#1
4CC#66	2A-48A-48A-66A	B48 B48 SCC only	5CC#20
4CC#67	2A-48A-48C	B48 SCC only	5CC#32
4CC#68	2A-48A-66A-66A	B48 SCC only	5CC#20
4CC#69	2A-48C-66A	B48 SCC only	7CC#5
4CC#70	2A-48D		7CC#4

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#71	7C-13A		4CC#38
3CC#72	7C-66A		4CC#39
3CC#73	12A-30A-66A		5CC#5
3CC#74	12A-46C	B46 SCC only	
3CC#75	12A-48C	B48 SCC only	
3CC#76	12A-66A-66A		5CC#6
3CC#77	12A-66C		4CC#42
3CC#78	12B-66A		5CC#7
3CC#79	13A-46A-46A	B46 SCC only	
3CC#80	13A-46A-66A	B46 SCC only	5CC#28
3CC#81	13A-46C	B46 SCC only	6CC#5
3CC#82	13A-48A-48A	B48 SCC only	5CC#31
3CC#83	13A-48A-66A	B48 SCC only	5CC#31
3CC#84	13A-48C	B48 SCC only	5CC#32
3CC#85	13A-66A-66A		7CC#3
3CC#86	13A-66B		5CC#9
3CC#87	13A-66C		4CC#51
3CC#88	14A-30A-66A		5CC#10
3CC#89	14A-66A-66A		5CC#11
3CC#90	25A-41C	B41 SCC only	
3CC#91	29A-30A-66A	B29 SCC only	5CC#12
3CC#92	29A-66A-66A	B29 SCC only	5CC#13
3CC#93	30A-66A-66A		5CC#16
3CC#94	41A-41C		
3CC#95	41D		
3CC#96	46A-46A-66A	B46 SCC only	4CC#57
3CC#97	46A-48A-66A	B46 B48 SCC only	4CC#60
3CC#98	46A-66A-66A	B46 SCC only	5CC#17
3CC#99	46C-66A	B46 SCC only	7CC#4
3CC#100	48A-48A-66A	B48 SCC only	5CC#31
3CC#101	48A-48A-71A	B48 SCC only	
3CC#102	48A-48C		
3CC#103	48A-66A-66A	B48 SCC only	5CC#20
3CC#104	48A-66B	B48 SCC only	5CC#76
3CC#105	48A-66C	B48 SCC only	5CC#77
3CC#106	48C-66A	B48 SCC only	7CC#5
3CC#107	48C-71A	B48 SCC only	
3CC#108	48D		5CC#81
3CC#109	66A-66A-71A		4CC#71
3CC#110	66A-66B		5CC#35
3CC#111	66A-66C		
3CC#112	66C-71A		4CC#74

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#71	2A-66A-66A-71A		
4CC#72	2A-66A-66B		5CC#35
4CC#73	2C-66A-66A		
4CC#74	2A-66C-71A		
4CC#75	4A-4A-5B		
4CC#76	4A-4A-12B	B46 B46 SCC only	
4CC#77	4A-46A-46C	B46 SCC only	
4CC#78	4A-46D	B48 SCC only	5CC#53
4CC#79	4A-48D		
4CC#80	5A-5A-66A-66A		5CC#15
4CC#81	5A-5A-66B		
4CC#82	5A-5A-66C		
4CC#83	5A-30A-66A-66A	B46 SCC only	5CC#16
4CC#84	5A-46A-66A-66A	B46 SCC only	5CC#17
4CC#85	5A-46C-66A	B46 SCC only	6CC#1
4CC#86	5A-46D	B46 SCC only	7CC#1
4CC#87	5B-46C	B48 SCC only	
4CC#88	5A-48A-66A-66A	B48 SCC only	5CC#20
4CC#89	5A-48C-66A	B48 SCC only	6CC#4
4CC#90	5A-48D		6CC#20
4CC#91	5B-66A-66A		5CC#23
4CC#92	5B-66B		5CC#24
4CC#93	5B-66C		5CC#25
4CC#94	12A-30A-66A-66A	B46 SCC only	5CC#26
4CC#95	12A-46D	B48 SCC only	
4CC#96	12A-48D		
4CC#97	12B-66A-66A	B46 SCC only	5CC#27
4CC#98	13A-46A-66A-66A	B46 SCC only	5CC#28
4CC#99	13A-46C-66A	B46 SCC only	6CC#5
4CC#100	13A-46D	B48 SCC only	7CC#3
4CC#101	13A-48A-48A-66A	B48 B48 SCC only	5CC#31
4CC#102	13A-48A-48C	B48 SCC only	5CC#32
4CC#103	13A-48A-66B	B48 SCC only	
4CC#104	13A-48A-66C	B48 SCC only	
4CC#105	13A-48C-66A	B48 SCC only	5CC#33
4CC#106	13A-48D		5CC#34
4CC#107	13A-66A-66B		5CC#35
4CC#108	14A-30A-66A-66A	B41 SCC only	5CC#36
4CC#109	25A-41D	B29 SCC only	
4CC#110	29A-30A-66A-66A	B46 B46 SCC only	
4CC#111	46A-46C-66A	B46 B48 SCC only	5CC#37
4CC#112	46A-48C-66A	B46 B48 SCC only	5CC#39

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#1	2A-2A-5A-30A-66A		
5CC#2	2A-2A-5A-66A-66A		
5CC#3	2A-2A-5A-66B		
5CC#4	2A-2A-5A-66C		
5CC#5	2A-2A-12A-30A-66A		
5CC#6	2A-2A-12A-66A-66A		
5CC#7	2A-2A-12B-66A		
5CC#8	2A-2A-13A-66A-66A		
5CC#9	2A-2A-13A-66B		
5CC#10	2A-2A-14A-30A-66A		
5CC#11	2A-2A-14A-66A-66A		
5CC#12	2A-2A-29A-30A-66A	B29 SCC only	
5CC#13	2A-2A-29A-66A-66A	B29 SCC only	
5CC#14	2A-2A-46D	B46 SCC only	
5CC#15	2A-5A-5A-66A-66A		
5CC#16	2A-5A-30A-66A-66A		
5CC#17	2A-5A-46A-66A-66A	B46 SCC only	
5CC#18	2A-5A-46C-66A	B46 SCC only	6CC#1
5CC#19	2A-5A-46D	B46 SCC only	7CC#1
5CC#20	2A-5A-48A-66A-66A	B48 SCC only	
5CC#21	2A-5A-48C-66A	B48 SCC only	6CC#4
5CC#22	2A-5A-48D	B48 SCC only	
5CC#23	2A-5B-66A-66A		
5CC#24	2A-5B-66B		
5CC#25	2A-5B-66C		
5CC#26	2A-12A-30A-66A-66A		
5CC#27	2A-12B-66A-66A		
5CC#28	2A-13A-46A-66A-66A	B46 SCC only	
5CC#29	2A-13A-46C-66A	B46 SCC only	6CC#5
5CC#30	2A-13A-46D	B46 SCC only	7CC#3
5CC#31	2A-13A-48A-48A-66A	B48 SCC only	
5CC#32	2A-13A-48A-48C	B48 B48 SCC only	
5CC#33	2A-13A-48C-66A	B48 SCC only	
5CC#34	2A-13A-48D	B48 SCC only	
5CC#35	2A-13A-66A-66B		
5CC#36	2A-14A-30A-66A-66A		
5CC#37	2A-46A-46C-66A	B46 B46 SCC only	
5CC#38	2A-46A-46D	B46 B46 SCC only	
5CC#39	2A-46A-48C-66A	B46 B48 SCC only	
5CC#40	2A-46C-48A-66A	B46 B48 SCC only	
5CC#41	2A-46A-48D	B46 B48 SCC only	6CC#8
5CC#42	2A-46C-48C	B46 B48 SCC only	6CC#9

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#113	46C-48A-66A	B46 SCC only	5CC#40
4CC#114	46C-66A-66A	B46 SCC only	6CC#1
4CC#115	46D-66A	B48 SCC only	7CC#1
4CC#116	48A-48A-66A-66A	B48 SCC only	
4CC#117	48A-48A-66B	B48 SCC only	
4CC#118	48A-48A-66C	B48 B48 SCC only	
4CC#119	48A-48C-66A		5CC#47
4CC#120	48A-48D		
4CC#121	48C-48C	B48 SCC only	
4CC#122	48C-66A-66A	B48 SCC only	6CC#4
4CC#123	48C-66B	B48 SCC only	5CC#76
4CC#124	48C-66C	B48 SCC only	5CC#77
4CC#125	48D-66A		7CC#4
4CC#126	48E		5CC#80

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#43	2A-46D-48A	B46 B48 SCC only	6CC#10
5CC#44	2A-46C-66A-66A	B46 SCC only	6CC#1
5CC#45	2A-46D-66A	B46 SCC only	7CC#1
5CC#46	2A-46E	B46 SCC only	7CC#2
5CC#47	2A-48A-48C-66A	B48 B48 SCC only	
5CC#48	2A-48A-48D	B48 B48 SCC only	
5CC#49	2A-48C-48C	B48 SCC only	
5CC#50	2A-48C-66A-66A	B48 SCC only	6CC#4
5CC#51	2A-48D-66A	B48 SCC only	7CC#4
5CC#52	2A-48E	B48 SCC only	7CC#7
5CC#53	4A-46A-46D	B46 B46 SCC only	
5CC#54	4A-48E	B48 SCC only	
5CC#55	5A-46C-66A-66A	B46 SCC only	6CC#1
5CC#56	5A-46D-66A	B46 SCC only	7CC#1
5CC#57	5A-46E	B46 SCC only	7CC#2
5CC#58	5B-46D	B46 SCC only	
5CC#59	5A-48C-66A-66A	B48 SCC only	6CC#4
5CC#60	5A-48D-66A	B48 SCC only	6CC#20
5CC#61	12A-46E	B46 SCC only	
5CC#62	13A-46C-66A-66A	B46 SCC only	6CC#5
5CC#63	13A-46D-66A	B46 SCC only	7CC#3
5CC#64	13A-46E	B46 SCC only	6CC#7
5CC#65	13A-48A-48C-66A	B48 B48 SCC only	
5CC#66	13A-48A-48D	B48 B48 SCC only	
5CC#67	13A-48C-48C	B48 SCC only	
5CC#68	13A-48D-66A	B48 SCC only	
5CC#69	13A-48E	B48 SCC only	6CC#23
5CC#70	46A-46D-66A	B46 B46 SCC only	
5CC#71	46A-48D-66A	B46 B48 SCC only	6CC#8
5CC#72	46C-48C-66A	B46 B48 SCC only	6CC#9
5CC#73	46D-48A-66A	B46 B48 SCC only	6CC#10
5CC#74	46D-66A-66A	B46 SCC only	7CC#1
5CC#75	46E-66A	B46 SCC only	7CC#2
5CC#76	48A-48C-66B	B48 B48 SCC only	
5CC#77	48A-48C-66C	B48 B48 SCC only	
5CC#78	48A-48D-66A	B48 B48 SCC only	
5CC#79	48C-48C-66A	B48 SCC only	
5CC#80	48A-48E		
5CC#81	48C-48D		
5CC#82	48E-66A	B48 SCC only	7CC#11
5CC#83	48F		

Index	6CC	Restriction	Completely Covered by Measurement Superset
6CC#1	2A-5A-46C-66A-66A	B46 SCC only	
6CC#2	2A-5A-46D-66A	B46 SCC only	7CC#1
6CC#3	2A-5A-46E	B46 SCC only	7CC#2
6CC#4	2A-5A-48C-66A-66A	B48 SCC only	
6CC#5	2A-13A-46C-66A-66A	B46 SCC only	
6CC#6	2A-13A-46D-66A	B46 SCC only	7CC#3
6CC#7	2A-13A-46E	B46 SCC only	
6CC#8	2A-46A-48D-66A	B46 B48 SCC only	
6CC#9	2A-46C-48C-66A	B46 B48 SCC only	
6CC#10	2A-46D-48A-66A	B46 B48 SCC only	
6CC#11	2A-46A-48E	B46 B48 SCC only	
6CC#12	2A-46C-48D	B46 B48 SCC only	7CC#4
6CC#13	2A-46D-48C	B46 B48 SCC only	7CC#5
6CC#14	2A-46E-48A	B46 B48 SCC only	7CC#6
6CC#15	2A-46D-66A-66A	B46 SCC only	7CC#1
6CC#16	2A-46E-66A	B46 SCC only	7CC#2
6CC#17	2A-48E-66A	B48 SCC only	
6CC#18	5A-46D-66A-66A	B46 SCC only	7CC#1
6CC#19	5A-46E-66A	B46 SCC only	7CC#2
6CC#20	5A-48D-66A-66A	B48 SCC only	
6CC#21	13A-46D-66A-66A	B46 SCC only	7CC#3
6CC#22	13A-46E-66A	B46 SCC only	
6CC#23	13A-48E-66A	B48 SCC only	
6CC#24	46A-48E-66A	B46 B48 SCC only	
6CC#25	46C-48D-66A	B46 B48 SCC only	7CC#4
6CC#26	46D-48C-66A	B46 B48 SCC only	7CC#5
6CC#27	46E-48A-66A	B46 B48 SCC only	7CC#6
6CC#28	46E-66A-66A	B46 SCC only	7CC#9

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation (Continued)

Index	7CC	Restriction	Completely Covered by Measurement Superset
7CC#1	2A-5A-46D-66A-66A	B46 SCC only	
7CC#2	2A-5A-46E-66A	B46 SCC only	
7CC#3	2A-13A-46D-66A-66A	B46 SCC only	
7CC#4	2A-46C-48D-66A	B46 B48 SCC only	
7CC#5	2A-46D-48C-66A	B46 B48 SCC only	
7CC#6	2A-46E-48A-66A	B46 B48 SCC only	
7CC#7	2A-46C-48E	B46 B48 SCC only	
7CC#8	2A-46E-48C	B46 B48 SCC only	
7CC#9	2A-46E-66A-66A	B46 SCC only	
7CC#10	5A-46E-66A-66A	B46 SCC only	
7CC#11	46C-48E-66A	B46 B48 SCC only	
7CC#12	46E-48C-66A	B46 B48 SCC only	

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC#1	[2A]-2A		5CC#4
2CC#2	[2A]-[2A]		5CC#8
2CC#3	2A-[4A]		4CC#1
2CC#4	[2A]-4A		4CC#3
2CC#5	[2A]-[4A]		4CC#4
2CC#6	[2A]-5A		7CC#1
2CC#7	2A-[7A]		4CC#164
2CC#8	[2A]-7A		4CC#163
2CC#9	[2A]-[7A]		4CC#165
2CC#10	[2A]-12A		5CC#33
2CC#11	[2A]-13A		7CC#9
2CC#12	[2A]-14A		5CC#70
2CC#13	[2A]-29A	B29 SCC only	5CC#89
2CC#14	2A-[30A]		5CC#2
2CC#15	[2A]-30A		5CC#4
2CC#16	[2A]-[30A]		5CC#6
2CC#17	[2A]-46A	B46 SCC only	6CC#32
2CC#18	2A-[48A]	B48 SCC only	7CC#25
2CC#19	[2A]-48A	B48 SCC only	7CC#24
2CC#20	[2A]-[48A]	B48 SCC only	7CC#27
2CC#21	2A-[66A]		7CC#2
2CC#22	[2A]-66A		7CC#1
2CC#23	[2A]-[66A]		7CC#3
2CC#24	[2A]-71A		4CC#20
2CC#25	[2C]		4CC#356
2CC#26	[4A]-4A		4CC#1
2CC#27	[4A]-[4A]		4CC#2
2CC#28	[4A]-5A		4CC#9
2CC#29	[4A]-12A		4CC#14
2CC#30	[4A]-13A		3CC#41
2CC#31	[4A]-46A	B46 SCC only	5CC#319
2CC#32	4A-[48A]	B48 SCC only	
2CC#33	[4A]-48A	B48 SCC only	
2CC#34	[4A]-[48A]	B48 SCC only	
2CC#35	[4A]-71A		4CC#19
2CC#36	5A-[25A]		
2CC#37	5A-[30A]		5CC#2
2CC#38	5A-[41A]	B41 SCC only	
2CC#39	5A-[48A]	B48 SCC only	5CC#134
2CC#40	5A-[66A]		7CC#2

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#1	2A-2A-[4A]		4CC#1
3CC#2	[2A]-2A-4A		4CC#3
3CC#3	[2A]-2A-[4A]		4CC#4
3CC#4	[2A]-[2A]-4A		4CC#6
3CC#5	[2A]-[2A]-[4A]		4CC#7
3CC#6	[2A]-2A-5A		5CC#4
3CC#7	[2A]-[2A]-5A		5CC#8
3CC#8	[2A]-2A-12A		5CC#33
3CC#9	[2A]-[2A]-12A		5CC#37
3CC#10	[2A]-2A-13A		5CC#54
3CC#11	[2A]-[2A]-13A		5CC#56
3CC#12	[2A]-2A-14A		5CC#70
3CC#13	[2A]-[2A]-14A		5CC#74
3CC#14	[2A]-2A-29A	B29 SCC only	5CC#89
3CC#15	[2A]-[2A]-29A	B29 SCC only	5CC#93
3CC#16	2A-2A-[30A]		5CC#2
3CC#17	[2A]-2A-30A		5CC#4
3CC#18	[2A]-2A-[30A]		5CC#6
3CC#19	[2A]-[2A]-30A		5CC#8
3CC#20	[2A]-[2A]-[30A]		5CC#10
3CC#21	[2A]-2A-46A	B46 SCC only	
3CC#22	[2A]-[2A]-46A	B46 SCC only	
3CC#23	2A-2A-[66A]		5CC#1
3CC#24	[2A]-2A-66A		5CC#4
3CC#25	[2A]-2A-[66A]		5CC#5
3CC#26	[2A]-[2A]-66A		5CC#8
3CC#27	[2A]-[2A]-[66A]		5CC#9
3CC#28	[2A]-2A-71A		4CC#20
3CC#29	[2A]-[2A]-71A		4CC#22
3CC#30	2A-[4A]-4A		4CC#1
3CC#31	2A-[4A]-[4A]		4CC#2
3CC#32	[2A]-4A-4A		4CC#3
3CC#33	[2A]-[4A]-4A		4CC#4
3CC#34	[2A]-[4A]-[4A]		4CC#5
3CC#35	2A-[4A]-5A		4CC#9
3CC#36	[2A]-4A-5A		4CC#10
3CC#37	[2A]-[4A]-5A		4CC#11
3CC#38	2A-[4A]-12A		4CC#14
3CC#39	[2A]-4A-12A		4CC#15
3CC#40	[2A]-[4A]-12A		4CC#16

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#1	2A-2A-[4A]-4A		
4CC#2	2A-2A-[4A]-[4A]		
4CC#3	[2A]-2A-4A-4A		
4CC#4	[2A]-2A-[4A]-4A		
4CC#5	[2A]-2A-[4A]-[4A]		
4CC#6	[2A]-[2A]-4A-4A		
4CC#7	[2A]-[2A]-[4A]-4A		
4CC#8	[2A]-[2A]-[4A]-[4A]		
4CC#9	2A-2A-[4A]-5A		
4CC#10	[2A]-2A-4A-5A		
4CC#11	[2A]-2A-[4A]-5A		
4CC#12	[2A]-[2A]-4A-5A		
4CC#13	[2A]-[2A]-[4A]-5A		
4CC#14	2A-2A-[4A]-12A		
4CC#15	[2A]-2A-4A-12A		
4CC#16	[2A]-2A-[4A]-12A		
4CC#17	[2A]-[2A]-4A-12A		
4CC#18	[2A]-[2A]-[4A]-12A		
4CC#19	2A-2A-[4A]-71A		
4CC#20	[2A]-2A-4A-71A		
4CC#21	[2A]-2A-[4A]-71A		
4CC#22	[2A]-[2A]-4A-71A		
4CC#23	[2A]-[2A]-[4A]-71A		
4CC#24	2A-2A-5A-[30A]		5CC#2
4CC#25	[2A]-2A-5A-30A		5CC#4
4CC#26	[2A]-2A-5A-[30A]		5CC#6
4CC#27	[2A]-[2A]-5A-30A		5CC#8
4CC#28	[2A]-[2A]-5A-[30A]		5CC#10
4CC#29	2A-2A-5A-[66A]		5CC#1
4CC#30	[2A]-2A-5A-66A		5CC#4
4CC#31	[2A]-2A-5A-[66A]		5CC#5
4CC#32	[2A]-[2A]-5A-66A		5CC#8
4CC#33	[2A]-[2A]-5A-[66A]		5CC#9
4CC#34	[2A]-2A-5B		
4CC#35	[2A]-[2A]-5B		
4CC#36	2A-2A-12A-[30A]		5CC#31
4CC#37	[2A]-2A-12A-30A		5CC#33
4CC#38	[2A]-2A-12A-[30A]		5CC#35
4CC#39	[2A]-[2A]-12A-30A		5CC#37
4CC#40	[2A]-[2A]-12A-[30A]		5CC#39

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	2CC	Restriction	Completely Covered by Measurement Superset
2CC#41	[7A]-7A		4CC#164
2CC#42	[7A]-[7A]		4CC#166
2CC#43	[7A]-13A		4CC#164
2CC#44	7A-[66A]		4CC#170
2CC#45	[7A]-66A		4CC#169
2CC#46	[7A]-[66A]		4CC#174
2CC#47	[7C]		4CC#179
2CC#48	12A-[25A]		
2CC#49	12A-[30A]		5CC#31
2CC#50	12A-[48A]	B48 SCC only	
2CC#51	12A-[66A]		5CC#30
2CC#52	13A-[48A]	B48 SCC only	5CC#190
2CC#53	13A-[66A]		7CC#10
2CC#54	14A-[30A]		5CC#68
2CC#55	14A-[66A]		5CC#67
2CC#56	[25A]-25A		
2CC#57	[25A]-[25A]		
2CC#58	25A-[41A]	B41 SCC only	
2CC#59	[25A]-41A	B41 SCC only	
2CC#60	[25A]-[41A]	B41 SCC only	
2CC#61	29A-[30A]	B29 SCC only	5CC#87
2CC#62	29A-[66A]	B29 SCC only	5CC#86
2CC#63	30A-[66A]		5CC#1
2CC#64	[30A]-66A		5CC#2
2CC#65	[30A]-[66A]		5CC#3
2CC#66	[41A]-41A		
2CC#67	[41A]-[41A]		
2CC#68	[41C]		3CC#227
2CC#69	46A-[66A]	B46 SCC only	6CC#29
2CC#70	[48A]-48A		5CC#190
2CC#71	[48A]-[48A]		5CC#194
2CC#72	48A-[66A]	B48 SCC only	7CC#26
2CC#73	[48A]-66A	B48 SCC only	7CC#25
2CC#74	[48A]-[66A]	B48 SCC only	7CC#29
2CC#75	[48A]-71A	B48 SCC only	3CC#243
2CC#76	[48C]		5CC#396
2CC#77	[66A]-66A		7CC#2
2CC#78	[66A]-[66A]		7CC#4
2CC#79	[66A]-71A		4CC#94
2CC#80	[66B]		5CC#20
2CC#81	[66C]		5CC#25

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#41	2A-[4A]-13A		
3CC#42	[2A]-4A-13A		
3CC#43	[2A]-[4A]-13A		
3CC#44	2A-[4A]-71A		4CC#19
3CC#45	[2A]-4A-71A		4CC#20
3CC#46	[2A]-[4A]-71A		4CC#21
3CC#47	[2A]-5A-5A		5CC#107
3CC#48	2A-5A-[30A]		5CC#2
3CC#49	[2A]-5A-30A		5CC#4
3CC#50	[2A]-5A-[30A]		5CC#6
3CC#51	[2A]-5A-46A	B46 SCC only	5CC#123
3CC#52	2A-5A-[48A]	B48 SCC only	5CC#134
3CC#53	[2A]-5A-48A	B48 SCC only	5CC#137
3CC#54	[2A]-5A-[48A]	B48 SCC only	5CC#140
3CC#55	2A-5A-[66A]		7CC#2
3CC#56	[2A]-5A-66A		7CC#1
3CC#57	[2A]-5A-[66A]		7CC#3
3CC#58	[2A]-5B		5CC#155
3CC#59	2A-[7A]-7A		4CC#164
3CC#60	2A-[7A]-[7A]		4CC#166
3CC#61	[2A]-7A-7A		4CC#163
3CC#62	[2A]-[7A]-7A		4CC#165
3CC#63	[2A]-[7A]-[7A]		4CC#167
3CC#64	2A-[7A]-13A		4CC#164
3CC#65	[2A]-7A-13A		4CC#163
3CC#66	[2A]-[7A]-13A		4CC#165
3CC#67	2A-7A-[66A]		4CC#170
3CC#68	2A-[7A]-66A		4CC#169
3CC#69	2A-[7A]-[66A]		4CC#174
3CC#70	[2A]-7A-66A		4CC#168
3CC#71	[2A]-7A-[66A]		4CC#172
3CC#72	[2A]-[7A]-66A		4CC#171
3CC#73	[2A]-[7A]-[66A]		4CC#176
3CC#74	2A-[7C]		4CC#179
3CC#75	[2A]-7C		4CC#180
3CC#76	[2A]-[7C]		4CC#181
3CC#77	2A-12A-[30A]		5CC#31
3CC#78	[2A]-12A-30A		5CC#33
3CC#79	[2A]-12A-[30A]		5CC#35
3CC#80	2A-12A-[66A]		5CC#30
3CC#81	[2A]-12A-66A		5CC#33

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#41	2A-2A-12A-[66A]		5CC#30
4CC#42	[2A]-2A-12A-66A		5CC#33
4CC#43	[2A]-2A-12A-[66A]		5CC#34
4CC#44	[2A]-[2A]-12A-66A		5CC#37
4CC#45	[2A]-[2A]-12A-[66A]		5CC#38
4CC#46	[2A]-2A-12B		5CC#50
4CC#47	[2A]-[2A]-12B		5CC#52
4CC#48	2A-2A-13A-[66A]		5CC#55
4CC#49	[2A]-2A-13A-66A		5CC#54
4CC#50	[2A]-2A-13A-[66A]		5CC#57
4CC#51	[2A]-[2A]-13A-66A		5CC#56
4CC#52	[2A]-[2A]-13A-[66A]		5CC#59
4CC#53	2A-2A-14A-[30A]		5CC#68
4CC#54	[2A]-2A-14A-30A		5CC#70
4CC#55	[2A]-2A-14A-[30A]		5CC#72
4CC#56	[2A]-[2A]-14A-30A		5CC#74
4CC#57	[2A]-[2A]-14A-[30A]		5CC#76
4CC#58	2A-2A-14A-[66A]		5CC#67
4CC#59	[2A]-2A-14A-66A		5CC#70
4CC#60	[2A]-2A-14A-[66A]		5CC#71
4CC#61	[2A]-[2A]-14A-66A		5CC#74
4CC#62	[2A]-[2A]-14A-[66A]		5CC#75
4CC#63	2A-2A-29A-[30A]	B29 SCC only	5CC#87
4CC#64	[2A]-2A-29A-30A	B29 SCC only	5CC#89
4CC#65	[2A]-2A-29A-[30A]	B29 SCC only	5CC#91
4CC#66	[2A]-[2A]-29A-30A	B29 SCC only	5CC#93
4CC#67	[2A]-[2A]-29A-[30A]	B29 SCC only	W95
4CC#68	2A-2A-29A-[66A]	B29 SCC only	5CC#86
4CC#69	[2A]-2A-29A-66A	B29 SCC only	5CC#89
4CC#70	[2A]-2A-29A-[66A]	B29 SCC only	5CC#90
4CC#71	[2A]-[2A]-29A-66A	B29 SCC only	5CC#93
4CC#72	[2A]-[2A]-29A-[66A]	B29 SCC only	5CC#94
4CC#73	2A-2A-30A-[66A]		5CC#1
4CC#74	2A-2A-[30A]-66A		5CC#2
4CC#75	2A-2A-[30A]-[66A]		5CC#3
4CC#76	[2A]-2A-30A-66A		5CC#4
4CC#77	[2A]-2A-30A-[66A]		5CC#5
4CC#78	[2A]-2A-[30A]-66A		5CC#6
4CC#79	[2A]-2A-[30A]-[66A]		5CC#7
4CC#80	[2A]-[2A]-30A-66A		5CC#8
4CC#81	[2A]-[2A]-30A-[66A]		5CC#9

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#82	[2A]-12A-[66A]		5CC#34
3CC#83	[2A]-12B		5CC#50
3CC#84	[2A]-13A-46A	B46 SCC only	5CC#180
3CC#85	2A-13A-[48A]	B48 SCC only	5CC#190
3CC#86	[2A]-13A-48A	B48 SCC only	5CC#189
3CC#87	[2A]-13A-[48A]	B48 SCC only	5CC#192
3CC#88	2A-13A-[66A]		7CC#10
3CC#89	[2A]-13A-66A		7CC#9
3CC#90	[2A]-13A-[66A]		7CC#11
3CC#91	2A-14A-[30A]		5CC#68
3CC#92	[2A]-14A-30A		5CC#70
3CC#93	[2A]-14A-[30A]		5CC#72
3CC#94	2A-14A-[66A]		5CC#67
3CC#95	[2A]-14A-66A		5CC#70
3CC#96	[2A]-14A-[66A]		5CC#71
3CC#97	2A-29A-[30A]	B29 SCC only	5CC#87
3CC#98	[2A]-29A-30A	B29 SCC only	5CC#89
3CC#99	[2A]-29A-[30A]	B29 SCC only	5CC#91
3CC#100	2A-29A-[66A]	B29 SCC only	5CC#86
3CC#101	[2A]-29A-66A	B29 SCC only	5CC#89
3CC#102	[2A]-29A-[66A]	B29 SCC only	5CC#90
3CC#103	2A-30A-[66A]		5CC#1
3CC#104	2A-[30A]-66A		5CC#2
3CC#105	2A-[30A]-[66A]		5CC#3
3CC#106	[2A]-30A-66A		5CC#4
3CC#107	[2A]-30A-[66A]		5CC#5
3CC#108	[2A]-[30A]-66A		5CC#6
3CC#109	[2A]-[30A]-[66A]		5CC#7
3CC#110	[2A]-46A-46A	B46 SCC only	4CC#273
3CC#111	2A-46A-[48A]	B46 B48 SCC only	4CC#276
3CC#112	[2A]-46A-48A	B46 B48 SCC only	4CC#278
3CC#113	[2A]-46A-[48A]	B46 B48 SCC only	4CC#279
3CC#114	2A-46A-[66A]	B46 SCC only	6CC#29
3CC#115	[2A]-46A-66A	B46 SCC only	6CC#32
3CC#116	[2A]-46A-[66A]	B46 SCC only	6CC#33
3CC#117	[2A]-46C	B46 SCC only	7CC#31
3CC#118	2A-[48A]-48A	B48 SCC only	5CC#190
3CC#119	2A-[48A]-[48A]	B48 SCC only	5CC#194
3CC#120	[2A]-48A-48A	B48 SCC only	5CC#189
3CC#121	[2A]-[48A]-48A	B48 SCC only	5CC#192

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#82	[2A]-[2A]-[30A]-66A		5CC#10
4CC#83	[2A]-[2A]-[30A]-[66A]		5CC#11
4CC#84	[2A]-2A-46C	B46 SCC only	
4CC#85	[2A]-[2A]-46C	B46 SCC only	
4CC#86	2A-2A-[66A]-66A		5CC#13
4CC#87	2A-2A-[66A]-[66A]		5CC#16
4CC#88	[2A]-2A-66A-66A		5CC#12
4CC#89	[2A]-2A-[66A]-66A		5CC#15
4CC#90	[2A]-2A-[66A]-[66A]		5CC#18
4CC#91	[2A]-[2A]-66A-66A		5CC#14
4CC#92	[2A]-[2A]-[66A]-66A		5CC#17
4CC#93	[2A]-[2A]-[66A]-[66A]		5CC#19
4CC#94	2A-2A-[66A]-71A		
4CC#95	[2A]-2A-66A-71A		
4CC#96	[2A]-2A-[66A]-71A		
4CC#97	[2A]-[2A]-66A-71A		
4CC#98	[2A]-[2A]-[66A]-71A		
4CC#99	2A-2A-[66B]		5CC#20
4CC#100	[2A]-2A-66B		5CC#21
4CC#101	[2A]-2A-[66B]		5CC#22
4CC#102	[2A]-[2A]-66B		5CC#23
4CC#103	[2A]-[2A]-[66B]		5CC#24
4CC#104	2A-2A-[66C]		5CC#25
4CC#105	[2A]-2A-66C		5CC#26
4CC#106	[2A]-2A-[66C]		5CC#27
4CC#107	[2A]-[2A]-66C		5CC#28
4CC#108	[2A]-[2A]-[66C]		5CC#29
4CC#109	2A-[4A]-4A-5A		
4CC#110	2A-[4A]-[4A]-5A		
4CC#111	[2A]-4A-4A-5A		
4CC#112	[2A]-[4A]-4A-5A		
4CC#113	[2A]-[4A]-[4A]-5A		
4CC#114	2A-[4A]-4A-12A		
4CC#115	2A-[4A]-[4A]-12A		
4CC#116	[2A]-4A-4A-12A		
4CC#117	[2A]-[4A]-4A-12A		
4CC#118	[2A]-[4A]-[4A]-12A		
4CC#119	2A-[4A]-5B		
4CC#120	[2A]-4A-5B		
4CC#121	[2A]-[4A]-5B		

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#1	2A-2A-5A-30A-[66A]		
5CC#2	2A-2A-5A-[30A]-66A		
5CC#3	2A-2A-5A-[30A]-[66A]		
5CC#4	[2A]-2A-5A-30A-66A		
5CC#5	[2A]-2A-5A-30A-[66A]		
5CC#6	[2A]-2A-5A-[30A]-66A		
5CC#7	[2A]-2A-5A-[30A]-[66A]		
5CC#8	[2A]-[2A]-5A-30A-66A		
5CC#9	[2A]-[2A]-5A-30A-[66A]		
5CC#10	[2A]-[2A]-5A-[30A]-66A		
5CC#11	[2A]-[2A]-5A-[30A]-[66A]		
5CC#12	[2A]-2A-5A-66A-66A		
5CC#13	2A-2A-5A-[66A]-66A		
5CC#14	[2A]-[2A]-5A-66A-66A		
5CC#15	[2A]-2A-5A-[66A]-66A		
5CC#16	2A-2A-5A-[66A]-[66A]		
5CC#17	[2A]-[2A]-5A-[66A]-66A		
5CC#18	[2A]-2A-5A-[66A]-[66A]		
5CC#19	[2A]-[2A]-5A-[66A]-[66A]		
5CC#20	2A-2A-5A-[66B]		
5CC#21	[2A]-2A-5A-66B		
5CC#22	[2A]-2A-5A-[66B]		
5CC#23	[2A]-[2A]-5A-66B		
5CC#24	[2A]-[2A]-5A-[66B]		
5CC#25	2A-2A-5A-[66C]		
5CC#26	[2A]-2A-5A-66C		
5CC#27	[2A]-2A-5A-[66C]		
5CC#28	[2A]-[2A]-5A-66C		
5CC#29	[2A]-[2A]-5A-[66C]		
5CC#30	2A-2A-12A-30A-[66A]		
5CC#31	2A-2A-12A-[30A]-66A		
5CC#32	2A-2A-12A-[30A]-[66A]		
5CC#33	[2A]-2A-12A-30A-66A		
5CC#34	[2A]-2A-12A-30A-[66A]		
5CC#35	[2A]-2A-12A-[30A]-66A		
5CC#36	[2A]-2A-12A-[30A]-[66A]		
5CC#37	[2A]-[2A]-12A-30A-66A		
5CC#38	[2A]-[2A]-12A-30A-[66A]		
5CC#39	[2A]-[2A]-12A-[30A]-66A		
5CC#40	[2A]-[2A]-12A-[30A]-[66A]		

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#122	[2A]-[48A]-[48A]	B48 SCC only	5CC#196
3CC#123	2A-48A-[66A]	B48 SCC only	7CC#26
3CC#124	2A-[48A]-66A	B48 SCC only	7CC#25
3CC#125	2A-[48A]-[66A]	B48 SCC only	7CC#29
3CC#126	[2A]-48A-66A	B48 SCC only	7CC#24
3CC#127	[2A]-48A-[66A]	B48 SCC only	7CC#28
3CC#128	[2A]-[48A]-66A	B48 SCC only	7CC#27
3CC#129	[2A]-[48A]-[66A]	B48 SCC only	7CC#30
3CC#130	2A-[48C]	B48 SCC only	7CC#19
3CC#131	[2A]-48C	B48 SCC only	7CC#21
3CC#132	[2A]-[48C]	B48 SCC only	7CC#23
3CC#133	2A-[66A]-66A		7CC#2
3CC#134	2A-[66A]-[66A]		7CC#4
3CC#135	[2A]-66A-66A		7CC#1
3CC#136	[2A]-[66A]-66A		7CC#3
3CC#137	[2A]-[66A]-[66A]		7CC#5
3CC#138	2A-[66A]-71A		4CC#94
3CC#139	[2A]-66A-71A		4CC#95
3CC#140	[2A]-[66A]-71A		4CC#96
3CC#141	2A-[66B]		5CC#20
3CC#142	[2A]-66B		5CC#21
3CC#143	[2A]-[66B]		5CC#22
3CC#144	2A-[66C]		5CC#25
3CC#145	[2A]-66C		5CC#26
3CC#146	[2A]-[66C]		5CC#27
3CC#147	2C-[66A]		4CC#354
3CC#148	[2C]-66A		4CC#356
3CC#149	[2C]-[66A]		4CC#357
3CC#150	[4A]-4A-5A		4CC#109
3CC#151	[4A]-[4A]-5A		4CC#110
3CC#152	[4A]-4A-12A		4CC#114
3CC#153	[4A]-[4A]-12A		4CC#115
3CC#154	[4A]-4A-13A		
3CC#155	[4A]-[4A]-13A		
3CC#156	[4A]-4A-71A		
3CC#157	[4A]-[4A]-71A		
3CC#158	[4A]-5B		4CC#119
3CC#159	[4A]-12B		4CC#122
3CC#160	[4A]-46A-46A	B46 SCC only	
3CC#161	[4A]-46C	B46 SCC only	4CC#366

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#122	2A-[4A]-12B		
4CC#123	[2A]-4A-12B		
4CC#124	[2A]-[4A]-12B		
4CC#125	2A-5A-5A-[66A]		5CC#108
4CC#126	[2A]-5A-5A-66A		5CC#107
4CC#127	[2A]-5A-5A-[66A]		5CC#109
4CC#128	2A-5A-30A-[66A]		5CC#1
4CC#129	2A-5A-[30A]-66A		5CC#2
4CC#130	2A-5A-[30A]-[66A]		5CC#3
4CC#131	[2A]-5A-30A-66A		5CC#4
4CC#132	[2A]-5A-30A-[66A]		5CC#5
4CC#133	[2A]-5A-[30A]-66A		5CC#6
4CC#134	[2A]-5A-[30A]-[66A]		5CC#7
4CC#135	2A-5A-46A-[66A]	B46 SCC only	5CC#124
4CC#136	[2A]-5A-46A-66A	B46 SCC only	5CC#123
4CC#137	[2A]-5A-46A-[66A]	B46 SCC only	5CC#125
4CC#138	[2A]-5A-46C	B46 SCC only	6CC#1
4CC#139	2A-5A-48A-[66A]	B48 SCC only	5CC#132
4CC#140	2A-5A-[48A]-66A	B48 SCC only	5CC#134
4CC#141	2A-5A-[48A]-[66A]	B48 SCC only	5CC#135
4CC#142	[2A]-5A-48A-66A	B48 SCC only	5CC#137
4CC#143	[2A]-5A-48A-[66A]	B48 SCC only	5CC#138
4CC#144	[2A]-5A-[48A]-66A	B48 SCC only	5CC#140
4CC#145	[2A]-5A-[48A]-[66A]	B48 SCC only	5CC#141
4CC#146	2A-5A-[48C]	B48 SCC only	6CC#12
4CC#147	[2A]-5A-48C	B48 SCC only	6CC#15
4CC#148	[2A]-5A-[48C]	B48 SCC only	6CC#18
4CC#149	2A-5A-[66A]-66A		7CC#2
4CC#150	2A-5A-[66A]-[66A]		7CC#4
4CC#151	[2A]-5A-66A-66A		7CC#1
4CC#152	[2A]-5A-[66A]-66A		7CC#3
4CC#153	[2A]-5A-[66A]-[66A]		7CC#5
4CC#154	2A-5A-[66B]		5CC#20
4CC#155	[2A]-5A-66B		5CC#21
4CC#156	[2A]-5A-[66B]		5CC#22
4CC#157	2A-5A-[66C]		5CC#25
4CC#158	[2A]-5A-66C		5CC#26
4CC#159	[2A]-5A-[66C]		5CC#27
4CC#160	2A-5B-[66A]		5CC#153
4CC#161	[2A]-5B-66A		5CC#155

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#41	2A-2A-12A-[66A]-66A		
5CC#42	2A-2A-12A-[66A]-[66A]		
5CC#43	[2A]-2A-12A-66A-66A		
5CC#44	[2A]-2A-12A-[66A]-66A		
5CC#45	[2A]-2A-12A-[66A]-[66A]		
5CC#46	[2A]-[2A]-12A-66A-66A		
5CC#47	[2A]-[2A]-12A-[66A]-66A		
5CC#48	[2A]-[2A]-12A-[66A]-[66A]		
5CC#49	2A-2A-12B-[66A]		
5CC#50	[2A]-2A-12B-66A		
5CC#51	[2A]-2A-12B-[66A]		
5CC#52	[2A]-[2A]-12B-66A		
5CC#53	[2A]-[2A]-12B-[66A]		
5CC#54	[2A]-2A-13A-66A-66A		
5CC#55	2A-2A-13A-[66A]-66A		
5CC#56	[2A]-[2A]-13A-66A-66A		
5CC#57	[2A]-2A-13A-[66A]-66A		
5CC#58	2A-2A-13A-[66A]-[66A]		
5CC#59	[2A]-[2A]-13A-[66A]-66A		
5CC#60	[2A]-2A-13A-[66A]-[66A]		
5CC#61	[2A]-[2A]-13A-[66A]-[66A]		
5CC#62	2A-2A-13A-[66B]		
5CC#63	[2A]-2A-13A-66B		
5CC#64	[2A]-2A-13A-[66B]		
5CC#65	[2A]-[2A]-13A-66B		
5CC#66	[2A]-[2A]-13A-[66B]		
5CC#67	2A-2A-14A-30A-[66A]		
5CC#68	2A-2A-14A-[30A]-66A		
5CC#69	2A-2A-14A-[30A]-[66A]		
5CC#70	[2A]-2A-14A-30A-66A		
5CC#71	[2A]-2A-14A-30A-[66A]		
5CC#72	[2A]-2A-14A-[30A]-66A		
5CC#73	[2A]-2A-14A-[30A]-[66A]		
5CC#74	[2A]-[2A]-14A-30A-66A		
5CC#75	[2A]-[2A]-14A-30A-[66A]		
5CC#76	[2A]-[2A]-14A-[30A]-66A		
5CC#77	[2A]-[2A]-14A-[30A]-[66A]		
5CC#78	2A-2A-14A-[66A]-66A		
5CC#79	2A-2A-14A-[66A]-[66A]		
5CC#80	[2A]-2A-14A-66A-66A		

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#162	4A-[48C]	B48 SCC only	
3CC#163	[4A]-48C	B48 SCC only	
3CC#164	[4A]-[48C]	B48 SCC only	
3CC#165	5A-5A-[66A]		5CC#108
3CC#166	5A-30A-[66A]		5CC#1
3CC#167	5A-[30A]-66A		5CC#2
3CC#168	5A-[30A]-[66A]		5CC#3
3CC#169	5A-46A-[66A]	B46 SCC only	5CC#124
3CC#170	5A-48A-[66A]	B48 SCC only	5CC#132
3CC#171	5A-[48A]-66A	B48 SCC only	5CC#134
3CC#172	5A-[48A]-[66A]	B48 SCC only	5CC#135
3CC#173	5A-[48C]	B48 SCC only	6CC#12
3CC#174	5A-[66A]-66A		7CC#2
3CC#175	5A-[66A]-[66A]		7CC#4
3CC#176	5A-[66B]		5CC#20
3CC#177	5A-[66C]		5CC#25
3CC#178	5B-[66A]		5CC#153
3CC#179	[7A]-7A-13A		4CC#164
3CC#180	[7A]-[7A]-13A		4CC#166
3CC#181	7A-7A-[66A]		4CC#170
3CC#182	[7A]-7A-66A		4CC#169
3CC#183	[7A]-7A-[66A]		4CC#174
3CC#184	[7A]-[7A]-66A		4CC#173
3CC#185	[7A]-[7A]-[66A]		4CC#177
3CC#186	[7C]-13A		4CC#179
3CC#187	7C-[66A]		4CC#182
3CC#188	[7C]-66A		4CC#183
3CC#189	[7C]-[66A]		4CC#184
3CC#190	12A-30A-[66A]		5CC#30
3CC#191	12A-[30A]-66A		5CC#31
3CC#192	12A-[30A]-[66A]		5CC#32
3CC#193	12A-[48C]	B48 SCC only	
3CC#194	12A-[66A]-66A		5CC#41
3CC#195	12A-[66A]-[66A]		5CC#42
3CC#196	12A-[66C]		4CC#201
3CC#197	12B-[66A]		5CC#49
3CC#198	13A-46A-[66A]	B46 SCC only	5CC#181
3CC#199	13A-[48A]-48A	B48 SCC only	5CC#190
3CC#200	13A-[48A]-[48A]	B48 SCC only	5CC#194
3CC#201	13A-48A-[66A]	B48 SCC only	5CC#191

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#162	[2A]-5B-[66A]		5CC#156
4CC#163	[2A]-7A-7A-13A		
4CC#164	2A-[7A]-7A-13A		
4CC#165	[2A]-[7A]-7A-13A		
4CC#166	2A-[7A]-[7A]-13A		
4CC#167	[2A]-[7A]-[7A]-13A		
4CC#168	[2A]-7A-7A-66A		
4CC#169	2A-[7A]-7A-66A		
4CC#170	2A-7A-7A-[66A]		
4CC#171	[2A]-[7A]-7A-66A		
4CC#172	[2A]-7A-7A-[66A]		
4CC#173	2A-[7A]-[7A]-66A		
4CC#174	2A-[7A]-7A-[66A]		
4CC#175	[2A]-[7A]-[7A]-66A		
4CC#176	[2A]-[7A]-7A-[66A]		
4CC#177	2A-[7A]-[7A]-[66A]		
4CC#178	[2A]-[7A]-[7A]-[66A]		
4CC#179	2A-[7C]-13A		
4CC#180	[2A]-7C-13A		
4CC#181	[2A]-[7C]-13A		
4CC#182	2A-7C-[66A]		
4CC#183	2A-[7C]-66A		
4CC#184	2A-[7C]-[66A]		
4CC#185	[2A]-7C-66A		
4CC#186	[2A]-7C-[66A]		
4CC#187	[2A]-[7C]-66A		
4CC#188	[2A]-[7C]-[66A]		
4CC#189	2A-12A-30A-[66A]		5CC#30
4CC#190	2A-12A-[30A]-66A		5CC#31
4CC#191	2A-12A-[30A]-[66A]		5CC#32
4CC#192	[2A]-12A-30A-66A		5CC#33
4CC#193	[2A]-12A-30A-[66A]		5CC#34
4CC#194	[2A]-12A-[30A]-66A		5CC#35
4CC#195	[2A]-12A-[30A]-[66A]		5CC#36
4CC#196	2A-12A-[66A]-66A		5CC#41
4CC#197	2A-12A-[66A]-[66A]		5CC#42
4CC#198	[2A]-12A-66A-66A		5CC#43
4CC#199	[2A]-12A-[66A]-66A		5CC#44
4CC#200	[2A]-12A-[66A]-[66A]		5CC#45
4CC#201	2A-12A-[66C]		

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#81	[2A]-2A-14A-[66A]-66A		
5CC#82	[2A]-2A-14A-[66A]-[66A]		
5CC#83	[2A]-[2A]-14A-66A-66A		
5CC#84	[2A]-[2A]-14A-[66A]-66A		
5CC#85	[2A]-[2A]-14A-[66A]-[66A]		
5CC#86	2A-2A-29A-30A-[66A]	B29 SCC only	
5CC#87	2A-2A-29A-[30A]-66A	B29 SCC only	
5CC#88	2A-2A-29A-[30A]-[66A]	B29 SCC only	
5CC#89	[2A]-2A-29A-30A-66A	B29 SCC only	
5CC#90	[2A]-2A-29A-30A-[66A]	B29 SCC only	
5CC#91	[2A]-2A-29A-[30A]-66A	B29 SCC only	
5CC#92	[2A]-2A-29A-[30A]-[66A]	B29 SCC only	
5CC#93	[2A]-[2A]-29A-30A-66A	B29 SCC only	
5CC#94	[2A]-[2A]-29A-30A-[66A]	B29 SCC only	
5CC#95	[2A]-[2A]-29A-[30A]-66A	B29 SCC only	
5CC#96	[2A]-[2A]-29A-[30A]-[66A]	B29 SCC only	
5CC#97	2A-2A-29A-[66A]-66A	B29 SCC only	
5CC#98	2A-2A-29A-[66A]-[66A]	B29 SCC only	
5CC#99	[2A]-2A-29A-66A-66A	B29 SCC only	
5CC#100	[2A]-2A-29A-[66A]-66A	B29 SCC only	
5CC#101	[2A]-2A-29A-[66A]-[66A]	B29 SCC only	
5CC#102	[2A]-[2A]-29A-66A-66A	B29 SCC only	
5CC#103	[2A]-[2A]-29A-[66A]-66A	B29 SCC only	
5CC#104	[2A]-[2A]-29A-[66A]-[66A]	B29 SCC only	
5CC#105	[2A]-2A-46D	B46 SCC only	
5CC#106	[2A]-[2A]-46D	B46 SCC only	
5CC#107	[2A]-5A-5A-66A-66A		
5CC#108	2A-5A-5A-[66A]-66A		
5CC#109	[2A]-5A-5A-[66A]-66A		
5CC#110	2A-5A-5A-[66A]-[66A]		
5CC#111	[2A]-5A-5A-[66A]-[66A]		
5CC#112	2A-5A-30A-[66A]-66A		
5CC#113	2A-5A-30A-[66A]-[66A]		
5CC#114	2A-5A-[30A]-66A-66A		
5CC#115	2A-5A-[30A]-[66A]-66A		
5CC#116	2A-5A-[30A]-[66A]-[66A]		
5CC#117	[2A]-5A-30A-66A-66A		
5CC#118	[2A]-5A-30A-[66A]-66A		
5CC#119	[2A]-5A-30A-[66A]-[66A]		
5CC#120	[2A]-5A-[30A]-66A-66A		

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#202	13A-[48A]-66A	B48 SCC only	5CC#190
3CC#203	13A-[48A]-[66A]	B48 SCC only	5CC#195
3CC#204	13A-[48C]	B48 SCC only	5CC#200
3CC#205	13A-[66A]-66A		7CC#10
3CC#206	13A-[66A]-[66A]		7CC#12
3CC#207	13A-[66B]		5CC#62
3CC#208	13A-[66C]		4CC#234
3CC#209	14A-30A-[66A]		5CC#67
3CC#210	14A-[30A]-66A		5CC#68
3CC#211	14A-[30A]-[66A]		5CC#69
3CC#212	14A-[66A]-66A		5CC#78
3CC#213	14A-[66A]-[66A]		5CC#79
3CC#214	25A-[41C]	B41 SCC only	
3CC#215	[25A]-41C	B41 SCC only	
3CC#216	[25A]-[41C]	B41 SCC only	
3CC#217	29A-30A-[66A]	B29 SCC only	5CC#86
3CC#218	29A-[30A]-66A	B29 SCC only	5CC#87
3CC#219	29A-[30A]-[66A]	B29 SCC only	5CC#88
3CC#220	29A-[66A]-66A	B29 SCC only	5CC#97
3CC#221	29A-[66A]-[66A]	B29 SCC only	5CC#98
3CC#222	30A-[66A]-66A		5CC#112
3CC#223	30A-[66A]-[66A]		5CC#113
3CC#224	[30A]-66A-66A		5CC#114
3CC#225	[30A]-[66A]-66A		5CC#115
3CC#226	[30A]-[66A]-[66A]		5CC#116
3CC#227	41A-[41C]		
3CC#228	[41A]-41C		
3CC#229	[41A]-[41C]		
3CC#230	[41D]		
3CC#231	46A-46A-[66A]	B46 SCC only	4CC#272
3CC#232	46A-48A-[66A]	B46 B48 SCC only	4CC#281
3CC#233	46A-[48A]-66A	B46 B48 SCC only	4CC#282
3CC#234	46A-[48A]-[66A]	B46 B48 SCC only	4CC#283
3CC#235	46A-[66A]-66A	B46 SCC only	5CC#124
3CC#236	46A-[66A]-[66A]	B46 SCC only	5CC#126
3CC#237	46C-[66A]	B46 SCC only	7CC#14
3CC#238	48A-48A-[66A]	B48 SCC only	5CC#191
3CC#239	[48A]-48A-66A	B48 SCC only	5CC#190
3CC#240	[48A]-48A-[66A]	B48 SCC only	5CC#195
3CC#241	[48A]-[48A]-66A	B48 SCC only	5CC#194

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#202	[2A]-12A-66C		
4CC#203	[2A]-12A-[66C]		
4CC#204	2A-12B-[66A]		5CC#49
4CC#205	[2A]-12B-66A		5CC#50
4CC#206	[2A]-12B-[66A]		5CC#51
4CC#207	2A-13A-46A-[66A]	B46 SCC only	5CC#181
4CC#208	[2A]-13A-46A-66A	B46 SCC only	5CC#180
4CC#209	[2A]-13A-46A-[66A]	B46 SCC only	5CC#182
4CC#210	[2A]-13A-46C	B46 SCC only	6CC#20
4CC#211	2A-13A-[48A]-48A	B48 SCC only	5CC#190
4CC#212	2A-13A-[48A]-[48A]	B48 SCC only	5CC#194
4CC#213	[2A]-13A-48A-48A	B48 SCC only	5CC#189
4CC#214	[2A]-13A-[48A]-48A	B48 SCC only	5CC#192
4CC#215	[2A]-13A-[48A]-[48A]	B48 SCC only	5CC#196
4CC#216	2A-13A-48A-[66A]	B48 SCC only	5CC#191
4CC#217	2A-13A-[48A]-66A	B48 SCC only	5CC#190
4CC#218	2A-13A-[48A]-[66A]	B48 SCC only	5CC#195
4CC#219	[2A]-13A-48A-66A	B48 SCC only	5CC#189
4CC#220	[2A]-13A-48A-[66A]	B48 SCC only	5CC#193
4CC#221	[2A]-13A-[48A]-66A	B48 SCC only	5CC#192
4CC#222	[2A]-13A-[48A]-[66A]	B48 SCC only	5CC#197
4CC#223	2A-13A-[48C]	B48 SCC only	5CC#200
4CC#224	[2A]-13A-48C	B48 SCC only	5CC#203
4CC#225	[2A]-13A-[48C]	B48 SCC only	5CC#204
4CC#226	2A-13A-[66A]-66A		7CC#10
4CC#227	2A-13A-[66A]-[66A]		7CC#12
4CC#228	[2A]-13A-66A-66A		7CC#9
4CC#229	[2A]-13A-[66A]-66A		7CC#11
4CC#230	[2A]-13A-[66A]-[66A]		7CC#13
4CC#231	2A-13A-[66B]		5CC#62
4CC#232	[2A]-13A-66B		5CC#63
4CC#233	[2A]-13A-[66B]		5CC#64
4CC#234	2A-13A-[66C]		
4CC#235	[2A]-13A-66C		
4CC#236	[2A]-13A-[66C]		
4CC#237	2A-14A-30A-[66A]		5CC#67
4CC#238	2A-14A-[30A]-66A		5CC#68
4CC#239	2A-14A-[30A]-[66A]		5CC#69
4CC#240	[2A]-14A-30A-66A		5CC#70
4CC#241	[2A]-14A-30A-[66A]		5CC#71

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#121	[2A]-5A-[30A]-[66A]-66A		
5CC#122	[2A]-5A-[30A]-[66A]-[66A]		
5CC#123	[2A]-5A-46A-66A-66A	B46 SCC only	
5CC#124	2A-5A-46A-[66A]-66A	B46 SCC only	
5CC#125	[2A]-5A-46A-[66A]-66A	B46 SCC only	
5CC#126	2A-5A-46A-[66A]-[66A]	B46 SCC only	
5CC#127	[2A]-5A-46A-[66A]-[66A]	B46 SCC only	
5CC#128	2A-5A-46C-[66A]	B46 SCC only	6CC#2
5CC#129	[2A]-5A-46C-66A	B46 SCC only	6CC#1
5CC#130	[2A]-5A-46C-[66A]	B46 SCC only	6CC#3
5CC#131	[2A]-5A-46D	B46 SCC only	7CC#1
5CC#132	2A-5A-48A-[66A]-66A	B48 SCC only	
5CC#133	2A-5A-48A-[66A]-[66A]	B48 SCC only	
5CC#134	2A-5A-[48A]-66A-66A	B48 SCC only	
5CC#135	2A-5A-[48A]-[66A]-66A	B48 SCC only	
5CC#136	2A-5A-[48A]-[66A]-[66A]	B48 SCC only	
5CC#137	[2A]-5A-48A-66A-66A	B48 SCC only	
5CC#138	[2A]-5A-48A-[66A]-66A	B48 SCC only	
5CC#139	[2A]-5A-48A-[66A]-[66A]	B48 SCC only	
5CC#140	[2A]-5A-[48A]-66A-66A	B48 SCC only	
5CC#141	[2A]-5A-[48A]-[66A]-66A	B48 SCC only	
5CC#142	[2A]-5A-[48A]-[66A]-[66A]	B48 SCC only	
5CC#143	2A-5A-48C-[66A]	B48 SCC only	6CC#10
5CC#144	2A-5A-[48C]-66A	B48 SCC only	6CC#12
5CC#145	2A-5A-[48C]-[66A]	B48 SCC only	6CC#13
5CC#146	[2A]-5A-48C-66A	B48 SCC only	6CC#15
5CC#147	[2A]-5A-48C-[66A]	B48 SCC only	6CC#16
5CC#148	[2A]-5A-[48C]-66A	B48 SCC only	6CC#18
5CC#149	[2A]-5A-[48C]-[66A]	B48 SCC only	6CC#19
5CC#150	2A-5A-[48D]	B48 SCC only	
5CC#151	[2A]-5A-48D	B48 SCC only	
5CC#152	[2A]-5A-[48D]	B48 SCC only	
5CC#153	2A-5B-[66A]-66A		
5CC#154	2A-5B-[66A]-[66A]		
5CC#155	[2A]-5B-66A-66A		
5CC#156	[2A]-5B-[66A]-66A		
5CC#157	[2A]-5B-[66A]-[66A]		
5CC#158	2A-5B-[66B]		
5CC#159	[2A]-5B-66B		
5CC#160	[2A]-5B-[66B]		

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	3CC	Restriction	Completely Covered by Measurement Superset
3CC#242	[48A]-[48A]-[66A]	B48 SCC only	5CC#198
3CC#243	[48A]-48A-71A	B48 SCC only	
3CC#244	[48A]-[48A]-71A	B48 SCC only	
3CC#245	48A-[48C]		
3CC#246	[48A]-48C		
3CC#247	[48A]-[48C]		
3CC#248	48A-[66A]-66A	B48 SCC only	5CC#132
3CC#249	48A-[66A]-[66A]	B48 SCC only	5CC#133
3CC#250	[48A]-66A-66A	B48 SCC only	5CC#134
3CC#251	[48A]-[66A]-66A	B48 SCC only	5CC#135
3CC#252	[48A]-[66A]-[66A]	B48 SCC only	5CC#136
3CC#253	48A-[66B]	B48 SCC only	5CC#366
3CC#254	[48A]-66B	B48 SCC only	5CC#369
3CC#255	[48A]-[66B]	B48 SCC only	5CC#370
3CC#256	48A-[66C]	B48 SCC only	5CC#373
3CC#257	[48A]-66C	B48 SCC only	5CC#376
3CC#258	[48A]-[66C]	B48 SCC only	5CC#377
3CC#259	48C-[66A]	B48 SCC only	7CC#18
3CC#260	[48C]-66A	B48 SCC only	7CC#19
3CC#261	[48C]-[66A]	B48 SCC only	7CC#20
3CC#262	[48C]-71A	B48 SCC only	
3CC#263	[48D]		4CC#476
3CC#264	[66A]-66A-71A		4CC#342
3CC#265	[66A]-[66A]-71A		4CC#343
3CC#266	66A-[66B]		5CC#217
3CC#267	[66A]-66B		5CC#218
3CC#268	[66A]-[66B]		5CC#219
3CC#269	66A-[66C]		
3CC#270	[66A]-66C		
3CC#271	[66A]-[66C]		
3CC#272	[66C]-71A		4CC#359

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#242	[2A]-14A-[30A]-66A		5CC#72
4CC#243	[2A]-14A-[30A]-[66A]		5CC#73
4CC#244	2A-14A-[66A]-66A		5CC#78
4CC#245	2A-14A-[66A]-[66A]		5CC#79
4CC#246	[2A]-14A-66A-66A		5CC#80
4CC#247	[2A]-14A-[66A]-66A		5CC#81
4CC#248	[2A]-14A-[66A]-[66A]		5CC#82
4CC#249	2A-29A-30A-[66A]	B29 SCC only	5CC#86
4CC#250	2A-29A-[30A]-66A	B29 SCC only	5CC#87
4CC#251	2A-29A-[30A]-[66A]	B29 SCC only	5CC#88
4CC#252	[2A]-29A-30A-66A	B29 SCC only	5CC#89
4CC#253	[2A]-29A-30A-[66A]	B29 SCC only	5CC#90
4CC#254	[2A]-29A-[30A]-66A	B29 SCC only	5CC#91
4CC#255	[2A]-29A-[30A]-[66A]	B29 SCC only	5CC#92
4CC#256	2A-29A-[66A]-66A	B29 SCC only	5CC#97
4CC#257	2A-29A-[66A]-[66A]	B29 SCC only	5CC#98
4CC#258	[2A]-29A-66A-66A	B29 SCC only	5CC#99
4CC#259	[2A]-29A-[66A]-66A	B29 SCC only	5CC#100
4CC#260	[2A]-29A-[66A]-[66A]	B29 SCC only	5CC#101
4CC#261	2A-30A-[66A]-66A		5CC#112
4CC#262	2A-30A-[66A]-[66A]		5CC#113
4CC#263	2A-[30A]-66A-66A		5CC#114
4CC#264	2A-[30A]-[66A]-66A		5CC#115
4CC#265	2A-[30A]-[66A]-[66A]		5CC#116
4CC#266	[2A]-30A-66A-66A		5CC#117
4CC#267	[2A]-30A-[66A]-66A		5CC#118
4CC#268	[2A]-30A-[66A]-[66A]		5CC#119
4CC#269	[2A]-[30A]-66A-66A		5CC#120
4CC#270	[2A]-[30A]-[66A]-66A		5CC#121
4CC#271	[2A]-[30A]-[66A]-[66A]		5CC#122
4CC#272	2A-46A-46A-[66A]	B46 SCC only	
4CC#273	[2A]-46A-46A-66A	B46 SCC only	
4CC#274	[2A]-46A-46A-[66A]	B46 SCC only	
4CC#275	[2A]-46A-46C	B46 B46 SCC only	5CC#236
4CC#276	2A-46A-[48A]-48A	B46 B48 SCC only	
4CC#277	2A-46A-[48A]-[48A]	B46 B48 SCC only	
4CC#278	[2A]-46A-48A-48A	B46 B48 SCC only	
4CC#279	[2A]-46A-[48A]-48A	B46 B48 SCC only	
4CC#280	[2A]-46A-[48A]-[48A]	B46 B48 SCC only	
4CC#281	2A-46A-48A-[66A]	B46 B48 SCC only	

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#161	2A-5B-[66C]		
5CC#162	[2A]-5B-66C		
5CC#163	[2A]-5B-[66C]		
5CC#164	2A-12A-30A-[66A]-66A		
5CC#165	2A-12A-30A-[66A]-[66A]		
5CC#166	2A-12A-[30A]-66A-66A		
5CC#167	2A-12A-[30A]-[66A]-66A		
5CC#168	2A-12A-[30A]-[66A]-[66A]		
5CC#169	[2A]-12A-30A-66A-66A		
5CC#170	[2A]-12A-30A-[66A]-66A		
5CC#171	[2A]-12A-30A-[66A]-[66A]		
5CC#172	[2A]-12A-[30A]-66A-66A		
5CC#173	[2A]-12A-[30A]-[66A]-66A		
5CC#174	[2A]-12A-[30A]-[66A]-[66A]		
5CC#175	2A-12B-[66A]-66A		
5CC#176	2A-12B-[66A]-[66A]		
5CC#177	[2A]-12B-66A-66A		
5CC#178	[2A]-12B-[66A]-66A		
5CC#179	[2A]-12B-[66A]-[66A]		
5CC#180	[2A]-13A-46A-66A-66A	B46 SCC only	
5CC#181	2A-13A-46A-[66A]-66A	B46 SCC only	
5CC#182	[2A]-13A-46A-[66A]-66A	B46 SCC only	
5CC#183	2A-13A-46A-[66A]-[66A]	B46 SCC only	
5CC#184	[2A]-13A-46A-[66A]-[66A]	B46 SCC only	
5CC#185	2A-13A-46C-[66A]	B46 SCC only	
5CC#186	[2A]-13A-46C-66A	B46 SCC only	
5CC#187	[2A]-13A-46C-[66A]	B46 SCC only	
5CC#188	[2A]-13A-46D	B46 SCC only	7CC#9
5CC#189	[2A]-13A-48A-48A-66A	B48 SCC only	
5CC#190	2A-13A-[48A]-48A-66A	B48 SCC only	
5CC#191	2A-13A-48A-48A-[66A]	B48 SCC only	
5CC#192	[2A]-13A-[48A]-48A-66A	B48 SCC only	
5CC#193	[2A]-13A-48A-48A-[66A]	B48 SCC only	
5CC#194	2A-13A-[48A]-[48A]-66A	B48 SCC only	
5CC#195	2A-13A-[48A]-48A-[66A]	B48 SCC only	
5CC#196	[2A]-13A-[48A]-[48A]-66A	B48 SCC only	
5CC#197	[2A]-13A-[48A]-48A-[66A]	B48 SCC only	
5CC#198	2A-13A-[48A]-[48A]-[66A]	B48 SCC only	
5CC#199	[2A]-13A-[48A]-[48A]-[66A]	B48 SCC only	
5CC#200	2A-13A-48A-[48C]	B48 B48 SCC only	

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#282	2A-46A-[48A]-66A	B46 B48 SCC only	
4CC#283	2A-46A-[48A]-[66A]	B46 B48 SCC only	
4CC#284	[2A]-46A-48A-66A	B46 B48 SCC only	
4CC#285	[2A]-46A-48A-[66A]	B46 B48 SCC only	
4CC#286	[2A]-46A-[48A]-66A	B46 B48 SCC only	
4CC#287	[2A]-46A-[48A]-[66A]	B46 B48 SCC only	
4CC#288	2A-46A-[48C]	B46 B48 SCC only	5CC#240
4CC#289	[2A]-46A-48C	B46 B48 SCC only	5CC#242
4CC#290	[2A]-46A-[48C]	B46 B48 SCC only	5CC#244
4CC#291	2A-46C-[48A]	B46 B48 SCC only	5CC#247
4CC#292	[2A]-46C-48A	B46 B48 SCC only	5CC#249
4CC#293	[2A]-46C-[48A]	B46 B48 SCC only	5CC#251
4CC#294	2A-46A-[66A]-66A	B46 SCC only	5CC#124
4CC#295	2A-46A-[66A]-[66A]	B46 SCC only	5CC#126
4CC#296	[2A]-46A-66A-66A	B46 SCC only	5CC#123
4CC#297	[2A]-46A-[66A]-66A	B46 SCC only	5CC#125
4CC#298	[2A]-46A-[66A]-[66A]	B46 SCC only	5CC#127
4CC#299	2A-46C-[66A]	B46 SCC only	7CC#14
4CC#300	[2A]-46C-66A	B46 SCC only	7CC#16
4CC#301	[2A]-46C-[66A]	B46 SCC only	7CC#17
4CC#302	[2A]-46D	B46 SCC only	7CC#1
4CC#303	[2A]-48A-48A-66A	B48 SCC only	5CC#189
4CC#304	2A-[48A]-48A-66A	B48 SCC only	5CC#190
4CC#305	2A-48A-48A-[66A]	B48 SCC only	5CC#191
4CC#306	[2A]-[48A]-48A-66A	B48 SCC only	5CC#192
4CC#307	[2A]-48A-48A-[66A]	B48 SCC only	5CC#193
4CC#308	2A-[48A]-[48A]-66A	B48 SCC only	5CC#194
4CC#309	2A-[48A]-48A-[66A]	B48 SCC only	5CC#195
4CC#310	[2A]-[48A]-[48A]-66A	B48 SCC only	5CC#196
4CC#311	[2A]-[48A]-48A-[66A]	B48 SCC only	5CC#197
4CC#312	2A-[48A]-[48A]-[66A]	B48 SCC only	5CC#198
4CC#313	[2A]-[48A]-[48A]-[66A]	B48 SCC only	5CC#199
4CC#314	2A-48A-[48C]	B48 B48 SCC only	5CC#200
4CC#315	2A-[48A]-48C	B48 B48 SCC only	5CC#201
4CC#316	2A-[48A]-[48C]	B48 B48 SCC only	5CC#202
4CC#317	[2A]-48A-48C	B48 B48 SCC only	5CC#203
4CC#318	[2A]-48A-[48C]	B48 B48 SCC only	5CC#204
4CC#319	[2A]-[48A]-48C	B48 B48 SCC only	5CC#205
4CC#320	[2A]-[48A]-[48C]	B48 B48 SCC only	5CC#206
4CC#321	2A-48A-[66A]-66A	B48 SCC only	5CC#132

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#201	2A-13A-[48A]-48C	B48 B48 SCC only	
5CC#202	2A-13A-[48A]-[48C]	B48 B48 SCC only	
5CC#203	[2A]-13A-48A-48C	B48 B48 SCC only	
5CC#204	[2A]-13A-48A-[48C]	B48 B48 SCC only	
5CC#205	[2A]-13A-[48A]-48C	B48 B48 SCC only	
5CC#206	[2A]-13A-[48A]-[48C]	B48 B48 SCC only	
5CC#207	2A-13A-48C-[66A]	B48 SCC only	
5CC#208	2A-13A-[48C]-66A	B48 SCC only	
5CC#209	2A-13A-[48C]-[66A]	B48 SCC only	
5CC#210	[2A]-13A-48C-66A	B48 SCC only	
5CC#211	[2A]-13A-48C-[66A]	B48 SCC only	
5CC#212	[2A]-13A-[48C]-66A	B48 SCC only	
5CC#213	[2A]-13A-[48C]-[66A]	B48 SCC only	
5CC#214	2A-13A-[48D]	B48 SCC only	
5CC#215	[2A]-13A-48D	B48 SCC only	
5CC#216	[2A]-13A-[48D]	B48 SCC only	
5CC#217	2A-13A-66A-[66B]		
5CC#218	2A-13A-[66A]-66B		
5CC#219	2A-13A-[66A]-[66B]		
5CC#220	[2A]-13A-66A-66B		
5CC#221	[2A]-13A-66A-[66B]		
5CC#222	[2A]-13A-[66A]-66B		
5CC#223	[2A]-13A-[66A]-[66B]		
5CC#224	2A-14A-30A-[66A]-66A		
5CC#225	2A-14A-30A-[66A]-[66A]		
5CC#226	2A-14A-[30A]-66A-66A		
5CC#227	2A-14A-[30A]-[66A]-66A		
5CC#228	2A-14A-[30A]-[66A]-[66A]		
5CC#229	[2A]-14A-30A-66A-66A		
5CC#230	[2A]-14A-30A-[66A]-66A		
5CC#231	[2A]-14A-30A-[66A]-[66A]		
5CC#232	[2A]-14A-[30A]-66A-66A		
5CC#233	[2A]-14A-[30A]-[66A]-66A		
5CC#234	[2A]-14A-[30A]-[66A]-[66A]		
5CC#235	2A-46A-46C-[66A]	B46 B46 SCC only	
5CC#236	[2A]-46A-46C-66A	B46 B46 SCC only	
5CC#237	[2A]-46A-46C-[66A]	B46 B46 SCC only	
5CC#238	[2A]-46A-46D	B46 B46 SCC only	
5CC#239	2A-46A-48C-[66A]	B46 B48 SCC only	
5CC#240	2A-46A-[48C]-66A	B46 B48 SCC only	

Index	6CC	Restriction	Completely Covered by Measurement Superset
6CC#1	[2A]-5A-46C-66A-66A	B46 SCC only	
6CC#2	2A-5A-46C-[66A]-66A	B46 SCC only	
6CC#3	[2A]-5A-46C-[66A]-66A	B46 SCC only	
6CC#4	2A-5A-46C-[66A]-[66A]	B46 SCC only	
6CC#5	[2A]-5A-46C-[66A]-[66A]	B46 SCC only	
6CC#6	2A-5A-46D-[66A]	B46 SCC only	7CC#2
6CC#7	[2A]-5A-46D-66A	B46 SCC only	7CC#1
6CC#8	[2A]-5A-46D-[66A]	B46 SCC only	7CC#3
6CC#9	[2A]-5A-46E	B46 SCC only	7CC#7
6CC#10	2A-5A-48C-[66A]-66A	B48 SCC only	
6CC#11	2A-5A-48C-[66A]-[66A]	B48 SCC only	
6CC#12	2A-5A-[48C]-66A-66A	B48 SCC only	
6CC#13	2A-5A-[48C]-[66A]-66A	B48 SCC only	
6CC#14	2A-5A-[48C]-[66A]-[66A]	B48 SCC only	
6CC#15	[2A]-5A-48C-66A-66A	B48 SCC only	
6CC#16	[2A]-5A-48C-[66A]-66A	B48 SCC only	
6CC#17	[2A]-5A-48C-[66A]-[66A]	B48 SCC only	
6CC#18	[2A]-5A-[48C]-66A-66A	B48 SCC only	
6CC#19	[2A]-5A-[48C]-[66A]-66A	B48 SCC only	
6CC#20	[2A]-13A-46C-66A-66A	B46 SCC only	
6CC#21	2A-13A-46C-[66A]-66A	B46 SCC only	
6CC#22	[2A]-13A-46C-[66A]-66A	B46 SCC only	
6CC#23	2A-13A-46C-[66A]-[66A]	B46 SCC only	
6CC#24	[2A]-13A-46C-[66A]-[66A]	B46 SCC only	
6CC#25	2A-13A-46D-[66A]	B46 SCC only	7CC#10
6CC#26	[2A]-13A-46D-66A	B46 SCC only	7CC#9
6CC#27	[2A]-13A-46D-[66A]	B46 SCC only	7CC#11
6CC#28	[2A]-13A-46E	B46 SCC only	
6CC#29	2A-46A-48D-[66A]	B46 B48 SCC only	
6CC#30	2A-46A-[48D]-66A	B46 B48 SCC only	
6CC#31	2A-46A-[48D]-[66A]	B46 B48 SCC only	
6CC#32	[2A]-46A-48D-66A	B46 B48 SCC only	
6CC#33	[2A]-46A-48D-[66A]	B46 B48 SCC only	
6CC#34	[2A]-46A-[48D]-66A	B46 B48 SCC only	
6CC#35	2A-46C-48C-[66A]	B46 B48 SCC only	
6CC#36	2A-46C-[48C]-66A	B46 B48 SCC only	
6CC#37	2A-46C-[48C]-[66A]	B46 B48 SCC only	
6CC#38	[2A]-46C-48C-66A	B46 B48 SCC only	
6CC#39	[2A]-46C-48C-[66A]	B46 B48 SCC only	
6CC#40	[2A]-46C-[48C]-66A	B46 B48 SCC only	

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#322	2A-48A-[66A]-[66A]	B48 SCC only	5CC#133
4CC#323	2A-[48A]-66A-66A	B48 SCC only	5CC#134
4CC#324	2A-[48A]-[66A]-66A	B48 SCC only	5CC#135
4CC#325	2A-[48A]-[66A]-[66A]	B48 SCC only	5CC#136
4CC#326	[2A]-48A-66A-66A	B48 SCC only	5CC#137
4CC#327	[2A]-48A-[66A]-66A	B48 SCC only	5CC#138
4CC#328	[2A]-48A-[66A]-[66A]	B48 SCC only	5CC#139
4CC#329	[2A]-[48A]-66A-66A	B48 SCC only	5CC#140
4CC#330	[2A]-[48A]-[66A]-66A	B48 SCC only	5CC#141
4CC#331	[2A]-[48A]-[66A]-[66A]	B48 SCC only	5CC#142
4CC#332	2A-48C-[66A]	B48 SCC only	7CC#18
4CC#333	2A-[48C]-66A	B48 SCC only	7CC#19
4CC#334	2A-[48C]-[66A]	B48 SCC only	5CC#21
4CC#335	[2A]-48C-66A	B48 SCC only	7CC#21
4CC#336	[2A]-48C-[66A]	B48 SCC only	7CC#22
4CC#337	[2A]-[48C]-66A	B48 SCC only	7CC#23
4CC#338	[2A]-[48C]-[66A]	B48 SCC only	6CC#19
4CC#339	2A-[48D]	B48 SCC only	7CC#15
4CC#340	[2A]-48D	B48 SCC only	7CC#16
4CC#341	[2A]-[48D]	B48 SCC only	5CC#315
4CC#342	2A-[66A]-66A-71A		
4CC#343	2A-[66A]-[66A]-71A		
4CC#344	[2A]-66A-66A-71A		
4CC#345	[2A]-[66A]-66A-71A		
4CC#346	[2A]-[66A]-[66A]-71A		
4CC#347	2A-66A-[66B]		5CC#217
4CC#348	2A-[66A]-66B		5CC#218
4CC#349	2A-[66A]-[66B]		5CC#219
4CC#350	[2A]-66A-66B		5CC#220
4CC#351	[2A]-66A-[66B]		5CC#221
4CC#352	[2A]-[66A]-66B		5CC#222
4CC#353	[2A]-[66A]-[66B]		5CC#223
4CC#354	2C-[66A]-66A		
4CC#355	2C-[66A]-[66A]		
4CC#356	[2C]-66A-66A		
4CC#357	[2C]-[66A]-66A		
4CC#358	[2C]-[66A]-[66A]		
4CC#359	2A-[66C]-71A		
4CC#360	[2A]-66C-71A		
4CC#361	[2A]-[66C]-71A		

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#241	2A-46A-[48C]-[66A]	B46 B48 SCC only	
5CC#242	[2A]-46A-48C-66A	B46 B48 SCC only	
5CC#243	[2A]-46A-48C-[66A]	B46 B48 SCC only	
5CC#244	[2A]-46A-[48C]-66A	B46 B48 SCC only	
5CC#245	[2A]-46A-[48C]-[66A]	B46 B48 SCC only	
5CC#246	2A-46C-48A-[66A]	B46 B48 SCC only	
5CC#247	2A-46C-[48A]-66A	B46 B48 SCC only	
5CC#248	2A-46C-[48A]-[66A]	B46 B48 SCC only	
5CC#249	[2A]-46C-48A-66A	B46 B48 SCC only	
5CC#250	[2A]-46C-48A-[66A]	B46 B48 SCC only	
5CC#251	[2A]-46C-[48A]-66A	B46 B48 SCC only	
5CC#252	[2A]-46C-[48A]-[66A]	B46 B48 SCC only	
5CC#253	2A-46A-[48D]	B46 B48 SCC only	6CC#30
5CC#254	[2A]-46A-48D	B46 B48 SCC only	6CC#32
5CC#255	[2A]-46A-[48D]	B46 B48 SCC only	6CC#34
5CC#256	2A-46C-[48C]	B46 B48 SCC only	6CC#36
5CC#257	[2A]-46C-48C	B46 B48 SCC only	6CC#38
5CC#258	[2A]-46C-[48C]	B46 B48 SCC only	6CC#40
5CC#259	2A-46D-[48A]	B46 B48 SCC only	6CC#43
5CC#260	[2A]-46D-48A	B46 B48 SCC only	6CC#45
5CC#261	[2A]-46D-[48A]	B46 B48 SCC only	6CC#47
5CC#262	2A-46C-[66A]-66A	B46 SCC only	6CC#2
5CC#263	2A-46C-[66A]-[66A]	B46 SCC only	6CC#4
5CC#264	[2A]-46C-66A-66A	B46 SCC only	6CC#1
5CC#265	[2A]-46C-[66A]-66A	B46 SCC only	6CC#3
5CC#266	[2A]-46C-[66A]-[66A]	B46 SCC only	6CC#5
5CC#267	2A-46D-[66A]	B46 SCC only	7CC#2
5CC#268	[2A]-46D-66A	B46 SCC only	7CC#1
5CC#269	[2A]-46D-[66A]	B46 SCC only	7CC#3
5CC#270	[2A]-46E	B46 SCC only	7CC#7
5CC#271	2A-48A-48C-[66A]	B48 B48 SCC only	
5CC#272	2A-48A-[48C]-66A	B48 B48 SCC only	
5CC#273	2A-48A-[48C]-[66A]	B48 B48 SCC only	
5CC#274	2A-[48A]-48C-66A	B48 B48 SCC only	
5CC#275	2A-[48A]-48C-[66A]	B48 B48 SCC only	
5CC#276	2A-[48A]-[48C]-66A	B48 B48 SCC only	
5CC#277	2A-[48A]-[48C]-[66A]	B48 B48 SCC only	
5CC#278	[2A]-48A-48C-66A	B48 B48 SCC only	
5CC#279	[2A]-48A-48C-[66A]	B48 B48 SCC only	
5CC#280	[2A]-48A-[48C]-66A	B48 B48 SCC only	

Index	6CC	Restriction	Completely Covered by Measurement Superset
6CC#41	[2A]-46C-[48C]-[66A]	B46 B48 SCC only	
6CC#42	2A-46D-48A-[66A]	B46 B48 SCC only	
6CC#43	2A-46D-[48A]-66A	B46 B48 SCC only	
6CC#44	2A-46D-[48A]-[66A]	B46 B48 SCC only	
6CC#45	[2A]-46D-48A-66A	B46 B48 SCC only	
6CC#46	[2A]-46D-48A-[66A]	B46 B48 SCC only	
6CC#47	[2A]-46D-[48A]-66A	B46 B48 SCC only	
6CC#48	[2A]-46D-[48A]-[66A]	B46 B48 SCC only	
6CC#49	2A-46A-[48E]	B46 B48 SCC only	
6CC#50	[2A]-46A-48E	B46 B48 SCC only	
6CC#51	2A-46C-[48D]	B46 B48 SCC only	7CC#15
6CC#52	[2A]-46C-48D	B46 B48 SCC only	7CC#16
6CC#53	[2A]-46C-[48D]	B46 B48 SCC only	
6CC#54	2A-46D-[48C]	B46 B48 SCC only	7CC#19
6CC#55	[2A]-46D-48C	B46 B48 SCC only	7CC#21
6CC#56	[2A]-46D-[48C]	B46 B48 SCC only	7CC#23
6CC#57	2A-46E-[48A]	B46 B48 SCC only	7CC#25
6CC#58	[2A]-46E-48A	B46 B48 SCC only	7CC#24
6CC#59	[2A]-46E-[48A]	B46 B48 SCC only	7CC#27
6CC#60	2A-46D-[66A]-66A	B46 SCC only	7CC#2
6CC#61	2A-46D-[66A]-[66A]	B46 SCC only	7CC#4
6CC#62	[2A]-46D-66A-66A	B46 SCC only	7CC#1
6CC#63	[2A]-46D-[66A]-66A	B46 SCC only	7CC#3
6CC#64	[2A]-46D-[66A]-[66A]	B46 SCC only	7CC#5
6CC#65	2A-46E-[66A]	B46 SCC only	7CC#6
6CC#66	[2A]-46E-66A	B46 SCC only	7CC#7
6CC#67	[2A]-46E-[66A]	B46 SCC only	7CC#8
6CC#68	2A-48E-[66A]	B48 SCC only	
6CC#69	2A-[48E]-66A	B48 SCC only	
6CC#70	[2A]-48E-66A	B48 SCC only	
6CC#71	[2A]-48E-[66A]	B48 SCC only	
6CC#72	5A-46D-[66A]-66A	B46 SCC only	7CC#2
6CC#73	5A-46D-[66A]-[66A]	B46 SCC only	7CC#5
6CC#74	5A-46E-[66A]	B46 SCC only	7CC#6
6CC#75	5A-[48D]-66A-66A	B48 SCC only	
6CC#76	5A-48D-[66A]-66A	B48 SCC only	
6CC#77	5A-[48D]-[66A]-66A	B48 SCC only	
6CC#78	5A-48D-[66A]-[66A]	B48 SCC only	
6CC#79	13A-46D-[66A]-66A	B46 SCC only	7CC#10
6CC#80	13A-46D-[66A]-[66A]	B46 SCC only	7CC#12

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#362	[4A]-4A-5B		
4CC#363	[4A]-[4A]-5B		
4CC#364	[4A]-4A-12B		
4CC#365	[4A]-[4A]-12B		
4CC#366	[4A]-46A-46C	B46 B46 SCC only	
4CC#367	[4A]-46D	B46 SCC only	5CC#319
4CC#368	4A-[48D]	B48 SCC only	
4CC#369	[4A]-48D	B48 SCC only	
4CC#370	[4A]-[48D]	B48 SCC only	
4CC#371	5A-5A-[66A]-66A		5CC#108
4CC#372	5A-5A-[66A]-[66A]		5CC#110
4CC#373	5A-5A-[66B]		
4CC#374	5A-5A-[66C]		
4CC#375	5A-30A-[66A]-66A		5CC#112
4CC#376	5A-30A-[66A]-[66A]		5CC#113
4CC#377	5A-[30A]-66A-66A		5CC#114
4CC#378	5A-[30A]-[66A]-66A		5CC#115
4CC#379	5A-[30A]-[66A]-[66A]		5CC#116
4CC#380	5A-46A-[66A]-66A	B46 SCC only	5CC#124
4CC#381	5A-46A-[66A]-[66A]	B46 SCC only	5CC#126
4CC#382	5A-46C-[66A]	B46 SCC only	6CC#2
4CC#383	5A-48A-[66A]-66A	B48 SCC only	5CC#132
4CC#384	5A-48A-[66A]-[66A]	B48 SCC only	5CC#133
4CC#385	5A-[48A]-66A-66A	B48 SCC only	5CC#134
4CC#386	5A-[48A]-[66A]-66A	B48 SCC only	5CC#135
4CC#387	5A-[48A]-[66A]-[66A]	B48 SCC only	5CC#136
4CC#388	5A-48C-[66A]	B48 SCC only	6CC#10
4CC#389	5A-[48C]-66A	B48 SCC only	6CC#12
4CC#390	5A-[48C]-[66A]	B48 SCC only	6CC#13
4CC#391	5A-[48D]	B48 SCC only	6CC#75
4CC#392	5B-[66A]-66A		5CC#153
4CC#393	5B-[66A]-[66A]		5CC#154
4CC#394	5B-[66B]		5CC#158
4CC#395	5B-[66C]		5CC#161
4CC#396	12A-30A-[66A]-66A		5CC#164
4CC#397	12A-30A-[66A]-[66A]		5CC#165
4CC#398	12A-[30A]-66A-66A		5CC#166
4CC#399	12A-[30A]-[66A]-66A		5CC#167
4CC#400	12A-[30A]-[66A]-[66A]		5CC#168
4CC#401	12A-[48D]	B48 SCC only	

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#281	[2A]-48A-[48C]-[66A]	B48 B48 SCC only	
5CC#282	[2A]-[48A]-48C-66A	B48 B48 SCC only	
5CC#283	[2A]-[48A]-48C-[66A]	B48 B48 SCC only	
5CC#284	[2A]-[48A]-[48C]-66A	B48 B48 SCC only	
5CC#285	[2A]-[48A]-[48C]-[66A]	B48 B48 SCC only	
5CC#286	2A-48A-[48D]	B48 B48 SCC only	
5CC#287	2A-[48A]-48D	B48 B48 SCC only	
5CC#288	2A-[48A]-[48D]	B48 B48 SCC only	
5CC#289	[2A]-48A-48D	B48 B48 SCC only	
5CC#290	[2A]-48A-[48D]	B48 B48 SCC only	
5CC#291	[2A]-[48A]-48D	B48 B48 SCC only	
5CC#292	[2A]-[48A]-[48D]	B48 B48 SCC only	
5CC#293	2A-[48C]-48C	B48 SCC only	
5CC#294	2A-[48C]-[48C]	B48 SCC only	
5CC#295	[2A]-48C-48C	B48 SCC only	
5CC#296	[2A]-[48C]-48C	B48 SCC only	
5CC#297	[2A]-[48C]-[48C]	B48 SCC only	
5CC#298	2A-48C-[66A]-66A	B48 SCC only	6CC#10
5CC#299	2A-48C-[66A]-[66A]	B48 SCC only	6CC#11
5CC#300	2A-[48C]-66A-66A	B48 SCC only	6CC#12
5CC#301	2A-[48C]-[66A]-66A	B48 SCC only	6CC#13
5CC#302	2A-[48C]-[66A]-[66A]	B48 SCC only	6CC#14
5CC#303	[2A]-48C-66A-66A	B48 SCC only	6CC#15
5CC#304	[2A]-48C-[66A]-66A	B48 SCC only	6CC#16
5CC#305	[2A]-48C-[66A]-[66A]	B48 SCC only	6CC#17
5CC#306	[2A]-[48C]-66A-66A	B48 SCC only	6CC#18
5CC#307	[2A]-[48C]-[66A]-66A	B48 SCC only	6CC#19
5CC#308	[2A]-[48C]-[66A]-[66A]	B48 SCC only	
5CC#309	2A-48D-[66A]	B48 SCC only	7CC#14
5CC#310	2A-[48D]-66A	B48 SCC only	7CC#15
5CC#311	2A-[48D]-[66A]	B48 SCC only	6CC#31
5CC#312	[2A]-48D-66A	B48 SCC only	7CC#16
5CC#313	[2A]-48D-[66A]	B48 SCC only	7CC#17
5CC#314	[2A]-[48D]-66A	B48 SCC only	#REF!
5CC#315	[2A]-[48D]-[66A]	B48 SCC only	
5CC#316	2A-[48E]	B48 SCC only	6CC#49
5CC#317	[2A]-48E	B48 SCC only	7CC#31
5CC#318	[2A]-[48E]	B48 SCC only	
5CC#319	[4A]-46A-46D	B46 B46 SCC only	
5CC#320	4A-[48E]	B48 SCC only	

Index	6CC	Restriction	Completely Covered by Measurement Superset
6CC#81	13A-46E-[66A]	B46 SCC only	
6CC#82	13A-48E-[66A]	B48 SCC only	
6CC#83	13A-[48E]-66A	B48 SCC only	
6CC#84	46A-48E-[66A]	B46 B48 SCC only	
6CC#85	46A-[48E]-66A	B46 B48 SCC only	
6CC#86	46C-48D-[66A]	B46 B48 SCC only	7CC#14
6CC#87	46C-[48D]-66A	B46 B48 SCC only	7CC#15
6CC#88	46C-[48D]-[66A]	B46 B48 SCC only	
6CC#89	46D-48C-[66A]	B46 B48 SCC only	7CC#18
6CC#90	46D-[48C]-66A	B46 B48 SCC only	7CC#19
6CC#91	46D-[48C]-[66A]	B46 B48 SCC only	7CC#20
6CC#92	46E-48A-[66A]	B46 B48 SCC only	7CC#26
6CC#93	46E-[48A]-66A	B46 B48 SCC only	7CC#25
6CC#94	46E-[48A]-[66A]	B46 B48 SCC only	7CC#29
6CC#95	46E-[66A]-66A	B46 SCC only	7CC#36
6CC#96	46E-[66A]-[66A]	B46 SCC only	7CC#38

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#402	12B-[66A]-66A		5CC#175
4CC#403	12B-[66A]-[66A]		5CC#176
4CC#404	13A-46A-[66A]-66A	B46 SCC only	5CC#181
4CC#405	13A-46A-[66A]-[66A]	B46 SCC only	5CC#183
4CC#406	13A-46C-[66A]	B46 SCC only	6CC#20
4CC#407	13A-48A-48A-[66A]	B48 SCC only	5CC#191
4CC#408	13A-[48A]-48A-66A	B48 SCC only	5CC#190
4CC#409	13A-[48A]-48A-[66A]	B48 SCC only	5CC#195
4CC#410	13A-[48A]-[48A]-66A	B48 SCC only	5CC#194
4CC#411	13A-[48A]-[48A]-[66A]	B48 SCC only	5CC#198
4CC#412	13A-48A-[48C]	B48 B48 SCC only	5CC#200
4CC#413	13A-[48A]-48C	B48 B48 SCC only	5CC#201
4CC#414	13A-[48A]-[48C]	B48 B48 SCC only	5CC#202
4CC#415	13A-48A-[66B]	B48 SCC only	
4CC#416	13A-[48A]-66B	B48 SCC only	
4CC#417	13A-[48A]-[66B]	B48 SCC only	
4CC#418	13A-48A-[66C]	B48 SCC only	
4CC#419	13A-[48A]-66C	B48 SCC only	
4CC#420	13A-[48A]-[66C]	B48 SCC only	
4CC#421	13A-48C-[66A]	B48 SCC only	5CC#207
4CC#422	13A-[48C]-66A	B48 SCC only	5CC#208
4CC#423	13A-[48C]-[66A]	B48 SCC only	5CC#209
4CC#424	13A-[48D]	B48 SCC only	5CC#214
4CC#425	13A-66A-[66B]		5CC#217
4CC#426	13A-[66A]-66B		5CC#218
4CC#427	13A-[66A]-[66B]		5CC#219
4CC#428	14A-30A-[66A]-66A		5CC#224
4CC#429	14A-30A-[66A]-[66A]		5CC#225
4CC#430	14A-[30A]-66A-66A		5CC#226
4CC#431	14A-[30A]-[66A]-66A		5CC#227
4CC#432	14A-[30A]-[66A]-[66A]		5CC#228
4CC#433	25A-[41D]	B41 SCC only	
4CC#434	[25A]-41D	B41 SCC only	
4CC#435	[25A]-[41D]	B41 SCC only	
4CC#436	29A-30A-[66A]-66A	B29 SCC only	
4CC#437	29A-30A-[66A]-[66A]	B29 SCC only	
4CC#438	29A-[30A]-66A-66A	B29 SCC only	
4CC#439	29A-[30A]-[66A]-66A	B29 SCC only	
4CC#440	29A-[30A]-[66A]-[66A]	B29 SCC only	
4CC#441	46A-46C-[66A]	B46 B46 SCC only	5CC#235
4CC#442	46A-48C-[66A]	B46 B48 SCC only	5CC#239
4CC#443	46A-[48C]-66A	B46 B48 SCC only	5CC#240
4CC#444	46A-[48C]-[66A]	B46 B48 SCC only	5CC#241
4CC#445	46C-48A-[66A]	B46 B48 SCC only	5CC#246
4CC#446	46C-[48A]-66A	B46 B48 SCC only	5CC#247

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#321	[4A]-48E	B48 SCC only	
5CC#322	[4A]-[48E]	B48 SCC only	
5CC#323	5A-46C-[66A]-66A	B46 SCC only	6CC#2
5CC#324	5A-46C-[66A]-[66A]	B46 SCC only	6CC#4
5CC#325	5A-46D-[66A]	B46 SCC only	7CC#2
5CC#326	5A-[48C]-66A-66A	B48 SCC only	6CC#12
5CC#327	5A-48C-[66A]-66A	B48 SCC only	6CC#10
5CC#328	5A-[48C]-[66A]-66A	B48 SCC only	6CC#13
5CC#329	5A-48C-[66A]-[66A]	B48 SCC only	6CC#11
5CC#330	5A-[48C]-[66A]-[66A]	B48 SCC only	6CC#14
5CC#331	5A-48D-[66A]	B48 SCC only	6CC#76
5CC#332	5A-[48D]-66A	B48 SCC only	6CC#75
5CC#333	5A-[48D]-[66A]	B48 SCC only	6CC#77
5CC#334	13A-46C-[66A]-66A	B46 SCC only	6CC#21
5CC#335	13A-46C-[66A]-[66A]	B46 SCC only	6CC#23
5CC#336	13A-46D-[66A]	B46 SCC only	7CC#10
5CC#337	13A-48A-48C-[66A]	B48 B48 SCC only	
5CC#338	13A-48A-[48C]-66A	B48 B48 SCC only	
5CC#339	13A-48A-[48C]-[66A]	B48 B48 SCC only	
5CC#340	13A-[48A]-48C-66A	B48 B48 SCC only	
5CC#341	13A-[48A]-48C-[66A]	B48 B48 SCC only	
5CC#342	13A-[48A]-[48C]-66A	B48 B48 SCC only	
5CC#343	13A-[48A]-[48C]-[66A]	B48 B48 SCC only	
5CC#344	13A-48A-[48D]	B48 B48 SCC only	
5CC#345	13A-[48A]-48D	B48 B48 SCC only	
5CC#346	13A-[48A]-[48D]	B48 B48 SCC only	
5CC#347	13A-[48C]-48C	B48 SCC only	
5CC#348	13A-[48C]-[48C]	B48 SCC only	
5CC#349	13A-48D-[66A]	B48 SCC only	
5CC#350	13A-[48D]-66A	B48 SCC only	
5CC#351	13A-[48D]-[66A]	B48 SCC only	
5CC#352	13A-[48E]	B48 SCC only	6CC#83
5CC#353	46A-46D-[66A]	B46 B46 SCC only	
5CC#354	46A-48D-[66A]	B46 B48 SCC only	6CC#29
5CC#355	46A-[48D]-66A	B46 B48 SCC only	6CC#30
5CC#356	46A-[48D]-[66A]	B46 B48 SCC only	6CC#31
5CC#357	46C-48C-[66A]	B46 B48 SCC only	6CC#35
5CC#358	46C-[48C]-66A	B46 B48 SCC only	6CC#36
5CC#359	46C-[48C]-[66A]	B46 B48 SCC only	6CC#37
5CC#360	46D-48A-[66A]	B46 B48 SCC only	6CC#42
5CC#361	46D-[48A]-66A	B46 B48 SCC only	6CC#43
5CC#362	46D-[48A]-[66A]	B46 B48 SCC only	6CC#44
5CC#363	46D-[66A]-66A	B46 SCC only	7CC#2
5CC#364	46D-[66A]-[66A]	B46 SCC only	7CC#4
5CC#365	46E-[66A]	B46 SCC only	7CC#6

Index	7CC	Restriction	Completely Covered by Measurement Superset
7CC#1	[2A]-5A-46D-66A-66A	B46 SCC only	
7CC#2	2A-5A-46D-[66A]-66A	B46 SCC only	
7CC#3	[2A]-5A-46D-[66A]-66A	B46 SCC only	
7CC#4	2A-5A-46D-[66A]-[66A]	B46 SCC only	
7CC#5	[2A]-5A-46D-[66A]-[66A]	B46 SCC only	
7CC#6	2A-5A-46E-[66A]	B46 SCC only	
7CC#7	[2A]-5A-46E-66A	B46 SCC only	
7CC#8	[2A]-5A-46E-[66A]	B46 SCC only	
7CC#9	[2A]-13A-46D-66A-66A	B46 SCC only	
7CC#10	2A-13A-46D-[66A]-66A	B46 SCC only	
7CC#11	[2A]-13A-46D-[66A]-66A	B46 SCC only	
7CC#12	2A-13A-46D-[66A]-[66A]	B46 SCC only	
7CC#13	[2A]-13A-46D-[66A]-[66A]	B46 SCC only	
7CC#14	2A-46C-48D-[66A]	B46 B48 SCC only	
7CC#15	2A-46C-[48D]-66A	B46 B48 SCC only	
7CC#16	[2A]-46C-48D-66A	B46 B48 SCC only	
7CC#17	[2A]-46C-48D-[66A]	B46 B48 SCC only	
7CC#18	2A-46D-48C-[66A]	B46 B48 SCC only	
7CC#19	2A-46D-[48C]-66A	B46 B48 SCC only	
7CC#20	2A-46D-[48C]-[66A]	B46 B48 SCC only	
7CC#21	[2A]-46D-48C-66A	B46 B48 SCC only	
7CC#22	[2A]-46D-48C-[66A]	B46 B48 SCC only	
7CC#23	[2A]-46D-[48C]-66A	B46 B48 SCC only	
7CC#24	[2A]-46E-48A-66A	B46 B48 SCC only	
7CC#25	2A-46E-[48A]-66A	B46 B48 SCC only	
7CC#26	2A-46E-48A-[66A]	B46 B48 SCC only	
7CC#27	[2A]-46E-[48A]-66A	B46 B48 SCC only	
7CC#28	[2A]-46E-48A-[66A]	B46 B48 SCC only	
7CC#29	2A-46E-[48A]-[66A]	B46 B48 SCC only	
7CC#30	[2A]-46E-[48A]-[66A]	B46 B48 SCC only	
7CC#31	[2A]-46C-48E	B46 B48 SCC only	
7CC#32	2A-46E-[48C]	B46 B48 SCC only	
7CC#33	[2A]-46E-48C	B46 B48 SCC only	
7CC#34	[2A]-46E-[48C]	B46 B48 SCC only	
7CC#35	[2A]-46E-66A-66A	B46 SCC only	
7CC#36	2A-46E-[66A]-66A	B46 SCC only	
7CC#37	[2A]-46E-[66A]-66A	B46 SCC only	
7CC#38	2A-46E-[66A]-[66A]	B46 SCC only	
7CC#39	[2A]-46E-[66A]-[66A]	B46 SCC only	
7CC#40	5A-46E-[66A]-66A	B46 SCC only	
7CC#41	5A-46E-[66A]-[66A]	B46 SCC only	
7CC#42	46C-48E-[66A]	B46 B48 SCC only	
7CC#43	46E-48C-[66A]	B46 B48 SCC only	
7CC#44	46E-[48C]-66A	B46 B48 SCC only	
7CC#45	46E-[48C]-[66A]	B46 B48 SCC only	

Note:
Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

LTE Release 10 Carrier Aggregation with 4x4 MIMO (Continued)

Index	4CC	Restriction	Completely Covered by Measurement Superset
4CC#447	46C-[48A]-[66A]	B46 B48 SCC only	5CC#248
4CC#448	46C-[66A]-66A	B46 SCC only	6CC#2
4CC#449	46C-[66A]-[66A]	B46 SCC only	6CC#4
4CC#450	46D-[66A]	B46 SCC only	7CC#2
4CC#451	[48A]-48A-66A-66A	B48 SCC only	
4CC#452	48A-48A-[66A]-66A	B48 SCC only	
4CC#453	[48A]-[48A]-66A-66A	B48 SCC only	
4CC#454	[48A]-48A-[66A]-66A	B48 SCC only	
4CC#455	48A-48A-[66A]-[66A]	B48 SCC only	
4CC#456	[48A]-[48A]-[66A]-66A	B48 SCC only	
4CC#457	[48A]-48A-[66A]-[66A]	B48 SCC only	
4CC#458	[48A]-[48A]-[66A]-[66A]	B48 SCC only	
4CC#459	48A-48A-[66B]	B48 SCC only	
4CC#460	[48A]-48A-66B	B48 SCC only	
4CC#461	[48A]-48A-[66B]	B48 SCC only	
4CC#462	[48A]-[48A]-66B	B48 SCC only	
4CC#463	[48A]-[48A]-[66B]	B48 SCC only	
4CC#464	48A-48A-[66C]	B48 SCC only	
4CC#465	[48A]-48A-66C	B48 SCC only	
4CC#466	[48A]-48A-[66C]	B48 SCC only	
4CC#467	[48A]-[48A]-66C	B48 SCC only	
4CC#468	[48A]-[48A]-[66C]	B48 SCC only	
4CC#469	48A-48C-[66A]	B48 B48 SCC only	5CC#271
4CC#470	48A-[48C]-66A	B48 B48 SCC only	5CC#272
4CC#471	48A-[48C]-[66A]	B48 B48 SCC only	5CC#273
4CC#472	[48A]-48C-66A	B48 B48 SCC only	5CC#274
4CC#473	[48A]-48C-[66A]	B48 B48 SCC only	5CC#275
4CC#474	[48A]-[48C]-66A	B48 B48 SCC only	5CC#276
4CC#475	[48A]-[48C]-[66A]	B48 B48 SCC only	5CC#277
4CC#476	48A-[48D]		
4CC#477	[48A]-48D		
4CC#478	[48A]-[48D]		
4CC#479	[48C]-48C		
4CC#480	[48C]-[48C]		
4CC#481	48C-[66A]-66A	B48 SCC only	6CC#10
4CC#482	48C-[66A]-[66A]	B48 SCC only	6CC#11
4CC#483	[48C]-66A-66A	B48 SCC only	6CC#12
4CC#484	[48C]-[66A]-66A	B48 SCC only	6CC#13
4CC#485	[48C]-[66A]-[66A]	B48 SCC only	6CC#14
4CC#486	48C-[66B]	B48 SCC only	5CC#366
4CC#487	[48C]-66B	B48 SCC only	5CC#367
4CC#488	[48C]-[66B]	B48 SCC only	5CC#368
4CC#489	48C-[66C]	B48 SCC only	5CC#373
4CC#490	[48C]-66C	B48 SCC only	5CC#374
4CC#491	[48C]-[66C]	B48 SCC only	5CC#375
4CC#492	48D-[66A]	B48 SCC only	7CC#14
4CC#493	[48D]-66A	B48 SCC only	7CC#15
4CC#494	[48D]-[66A]	B48 SCC only	7CC#16
4CC#495	[48E]		5CC#392

Index	5CC	Restriction	Completely Covered by Measurement Superset
5CC#366	48A-48C-[66B]	B48 B48 SCC only	
5CC#367	48A-[48C]-66B	B48 B48 SCC only	
5CC#368	48A-[48C]-[66B]	B48 B48 SCC only	
5CC#369	[48A]-48C-66B	B48 B48 SCC only	
5CC#370	[48A]-48C-[66B]	B48 B48 SCC only	
5CC#371	[48A]-[48C]-66B	B48 B48 SCC only	
5CC#372	[48A]-[48C]-[66B]	B48 B48 SCC only	
5CC#373	48A-48C-[66C]	B48 B48 SCC only	
5CC#374	48A-[48C]-66C	B48 B48 SCC only	
5CC#375	48A-[48C]-[66C]	B48 B48 SCC only	
5CC#376	[48A]-48C-66C	B48 B48 SCC only	
5CC#377	[48A]-48C-[66C]	B48 B48 SCC only	
5CC#378	[48A]-[48C]-66C	B48 B48 SCC only	
5CC#379	[48A]-[48C]-[66C]	B48 B48 SCC only	
5CC#380	48A-48D-[66A]	B48 B48 SCC only	
5CC#381	48A-[48D]-66A	B48 B48 SCC only	
5CC#382	48A-[48D]-[66A]	B48 B48 SCC only	
5CC#383	[48A]-48D-66A	B48 B48 SCC only	
5CC#384	[48A]-48D-[66A]	B48 B48 SCC only	
5CC#385	[48A]-[48D]-66A	B48 B48 SCC only	
5CC#386	[48A]-[48D]-[66A]	B48 B48 SCC only	
5CC#387	48C-48C-[66A]	B48 SCC only	
5CC#388	[48C]-48C-66A	B48 SCC only	
5CC#389	[48C]-48C-[66A]	B48 SCC only	
5CC#390	[48C]-[48C]-66A	B48 SCC only	
5CC#391	[48C]-[48C]-[66A]	B48 SCC only	
5CC#392	48A-[48E]		
5CC#393	[48A]-48E		
5CC#394	[48A]-[48E]		
5CC#395	48C-[48D]		
5CC#396	[48C]-48D		
5CC#397	[48C]-[48D]		
5CC#398	48E-[66A]	B48 SCC only	7CC#42
5CC#399	[48E]-66A	B48 SCC only	6CC#69
5CC#400	[48E]-[66A]	B48 SCC only	
5CC#401	[48F]		

Note:

Only yellow highlight cells need power measurement according to LTE DL CA SAR test Exclusion in TCB workshop (April.2018).

Single Carrier Downlink 4x4 MIMO output power results

LTE Bands	Modulation	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	LTE Rel 8 Tx. Power [dBm]	DL 4x4 MIMO Tx. Power [dBm]	Delta
2	QPSK	20	18900	1880	1	0	23.5	23.4	-0.06
4	QPSK	20	20175	1732.5	1	0	23.5	23.4	-0.13
7	QPSK	20	20850	2510	1	99	23.6	23.6	-0.09
25	QPSK	20	26140	1860	1	0	23.6	23.6	-0.05
30	QPSK	10	27710	2310	1	0	23.3	23.2	-0.06
38	QPSK	20	38000	2595	1	99	23.3	23.2	-0.10
41	QPSK	20	41055	2636.5	1	0	23.4	23.4	-0.03
48	QPSK	20	55340	3560	1	49	23.9	23.8	-0.05
66	QPSK	20	132072	1720	1	99	23.6	23.6	-0.01

Note:

According to LTE Test Conditions in TCB workshop (May, 2017), SAR is excluded for LTE downlink 4x4 MIMO operation when uplink output with DL MIMO does not exceed highest uplink output power configuration without DL MIMO by more than 1/4 dB. And for DL MIMO with carrier aggregation, the same SAR test exclusion procedure is considered.

DL CA output power results

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
4A-48A	4A	48A						QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560																23.52	23.43	-0.09
5A-25A	5A	25A						QPSK	10	20525	836.5	1	49	10	2525	881.5	20	8140	1940																24.07	24.13	0.06
	25A	5A						QPSK	20	26140	1860	1	0	20	8140	1940	10	2525	881.5																23.62	23.75	0.13
5A-41A	5A	41A						QPSK	10	20525	836.5	1	49	10	2525	881.5	20	41055	2637																24.07	24.17	0.10
12A-25A	12A	25A						QPSK	10	23095	707.5	1	49	10	5095	737.5	20	8140	1940																23.81	23.68	-0.13
	25A	12A						QPSK	20	26140	1860	1	0	20	8140	1940	10	5095	737.5																23.62	23.48	-0.14
12A-46A	12A	46A						QPSK	10	23095	707.5	1	49	10	5095	737.5	20	50665	5538																23.81	23.68	-0.13
12A-48A	12A	48A						QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560																23.81	23.91	0.10
25A-25A	25A	25A						QPSK	20	26140	1860	1	0	20	8140	1940	20	8590	1985																23.62	23.77	0.15
25A-41A	25A	41A						QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637																23.62	23.66	0.04
41A-41A	41A	41A						QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506																23.44	23.32	-0.12
48A-48A	48A	48A						QPSK	20	55340	3560	1	49	20	55340	3560	20	56640	3690																23.85	23.79	-0.06
2A-2A-46A	2A	2A	46A					QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538													23.64	23.65	0.01
2A-4A-13A	2A	4A	13A					QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	5230	751													23.64	23.63	-0.01
	4A	2A	13A					QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	5230	751													23.52	23.58	0.06
	13A	2A	4A					QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2175	2133													23.89	24.02	0.13
4A-4A-13A	4A	4A	13A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	10	5230	751													23.52	23.63	0.11
	13A	4A	4A					QPSK	10	23230	782	1	0	10	5230	751	20	2050	2120	20	2300	2145													23.89	23.89	0.00
4A-4A-71A	4A	4A	71A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	20	68761	634.5													23.52	23.52	0.00
	71A	4A	4A					QPSK	20	133297	680.5	1	49	20	68761	634.5	20	2050	2120	20	2300	2145													24.08	24.06	-0.02
4A-46A-46A	4A	46A	46A					QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915													23.52	23.65	0.13
4A-48C	4A	48C	48C					QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580													23.52	23.58	0.06
5B-46A	5B	5B	46A					QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	50665	5538													24.07	24.01	-0.06
12A-46C	12A	46C	46C					QPSK	10	23095	707.5	1	49	10	5095	737.5	20	50665	5538	20	50863	5557													23.81	23.83	0.02
12A-48C	12A	48C	48C					QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560	20	55538	3580													23.81	23.74	-0.07
13A-46A-46A	13A	46A	46A					QPSK	10	23230	782	1	0	10	5230	751	20	50665	5538	20	54440	5915													23.89	23.85	-0.04
25A-41C	25A	41C	41C					QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656													23.62	23.47	-0.15
41A-41C	41A	41C	41C					QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506	20	39948	2526													23.44	23.53	0.09
	41C	41C	41A					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	39750	2506													23.44	23.56	0.12
41D	41D	41D	41D					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	41450	2676													23.44	23.55	0.11
48A-48A-71A	71A	48A	48A					QPSK	20	133297	680.5	1	49	20	68761	634.5	20	55340	3560	20	56640	3690													24.08	24.14	0.06
48A-48C	48A	48C	48C					QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667													23.85	23.95	0.10
	48C	48C	48A					QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56640	3690													23.85	23.81	-0.04
48C-71A	71A	48C	48C					QPSK	20	133297	680.5	1	49	20	68761	634.5	20	55340	3560	20	55538	3580													24.08	24.05	-0.03
66A-66A-71A	66A	66A	71A					QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	68761	634.5													23.61	23.63	0.02
	71A	66A	66A					QPSK	20	133297	680.5	1	49	20	68761	634.5	20	66536	2120	20	67036	2170													24.08	24.22	0.14
66A-66C	66A	66C	66C					QPSK	20	132072	1720	1	99	20	66536	2120	20	66786	2145	20	66984	2165													23.61	23.64	0.03
	66C	66C	66A					QPSK	20	132072	1720	1	99	20	66536	2120	20	66734	2140	20	67036	2170													23.61	23.60	-0.01
2A-2A-4A-4A	2A	2A	4A	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.60	-0.04
	4A	4A	2A	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	20	700	1940	20	1100	1980										23.52	23.61	0.09
2A-2A-4A-5A	2A	2A	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.54	-0.10
	4A	2A	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.42	-0.10
	5A	2A	2A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2133										24.07	23.93	-0.14
2A-2A-4A-12A	2A	2A	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.66	0.02
	4A	2A	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.50	-0.02
	12A	2A	2A	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.72	-0.09
2A-2A-4A-71A	2A	2A	4A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.53	-0.11
	4A	2A	2A	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.65	0.13
	71A	2A	2A	4A				QPSK	20	133297	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	24.01	-0.07
2A-2A-5B	2A	2A	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	5	2453	874.3										23.64	23.51	-0.13
	5B	5B	2A	2A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	700	1940	20	1100	1980										24.07	24.03	-0.04
2A-2A-46C	2A	2A	46C	46C				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557										23.64	23.56	-0.08
2A-2A-66A-71A	2A	2A	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.68	0.04
	66A	2A	2A	71A				QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.53	-0.08
	71A	2A	2A	66A				QPSK	20	133297	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	24.18	0.10
2A-4A-4A-5A	2A	4A	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.56	-0.08
	4A	4A	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	20	900	1960	10	2525	881.5										23.52	23.43	-0.09
	5A	2A	4A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	23.97	-0.10
2A-4A-4A-12A	2A	4A	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.78	0.14
	4A	4A	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	20	900	1960	10	5095	737.5										23.52	23.56	0.04
	12A	2A	4A	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.68	-0.13
2A-4A-5B	2A	4A	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	2525	881.5	5	2453	874.3										23.64	23.62	-0.02
	4A	2A	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	2525	881.5	5	2453	874.3										23.52	23.45	-0.07
	5B	5B	2A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	2175	2133										24.07	24.19	0.12
2A-4A-12B	2A	4A	12B	12B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	5	5095	737.5	5	5047	732.7										23.64	23.72	0.08
	4A	2A	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	5	5095	737.5	5	5047	732.7										23.52	23.61	0.09
	12B	12B	2A	4A				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	2175	2133										23.57	23.58	0.01

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-12A-66C	2A	12A	66C	66C				QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	20	66536	2120	20	66734	2140										23.64	23.70	0.06
	12A	2A	66C	66C				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	66536	2120	20	66734	2140										23.81	23.73	-0.08
	66C	66C	2A	12A				QPSK	20	132072	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5095	737.5										23.61	23.73	0.12
2A-13A-66C	2A	13A	66C	66C				QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	20	66734	2140										23.64	23.68	0.04
	13A	2A	66C	66C				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	20	66734	2140										23.89	23.85	-0.04
	66C	66C	2A	13A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	900	1960	10	5230	751										23.61	23.59	-0.02
2A-46A-46A-66A	2A	46A	46A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	66536	2120										23.64	23.63	-0.01
	66A	2A	46A	46A				QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915										23.61	23.70	0.09
2A-46A-48A-66A	2A	46A	48A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.60	-0.04
	66A	2A	46A	48A				QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.59	-0.02
2A-66A-66A-71A	2A	66A	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.63	-0.01
	66A	66A	2A	71A				QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.65	0.04
	71A	2A	66A	66A				QPSK	20	133297	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24.18	0.10
2C-66A-66A	2C	2C	66A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	898	1960	20	66536	2120	20	67036	2170										23.64	23.54	-0.10
	66A	66A	2C	2C				QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.58	-0.03
2A-66C-71A	2A	66C	66C	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	66734	2140	20	68761	634.5										23.64	23.57	-0.07
	66C	66C	2A	71A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	900	1960	20	68761	634.5										23.61	23.58	-0.03
	71A	2A	66C	66C				QPSK	20	133297	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	66734	2140										24.08	24.14	0.06
4A-4A-5B	4A	4A	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	10	2525	881.5	5	2453	874.3										23.52	23.46	-0.06
	5B	5B	4A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	2050	2120	20	2300	2145										24.07	24.12	0.05
4A-4A-12B	4A	4A	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2000	2115	5	5095	737.5	5	5047	732.7										23.52	23.57	0.05
	12B	12B	4A	4A				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	2050	2120	20	2300	2145										23.57	23.63	0.06
4A-46A-46C	4A	46A	46C	46C				QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915	20	54242	5895										23.52	23.41	-0.11
4A-48D	4A	48D	48D	48D				QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600										23.52	23.43	-0.09
5A-5A-66B	5A	5A	66B	66B				QPSK	10	20525	836.5	1	49	10	2525	881.5	10	2600	889	10	66486	2115	10	66585	2125										24.07	24.15	0.08
	66B	66B	5A	5A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	10	2450	874	10	2600	889										23.61	23.73	0.12
5A-5A-66C	5A	5A	66C	66C				QPSK	10	20525	836.5	1	49	10	2525	881.5	10	2600	889	20	66536	2120	20	66734	2140										24.07	23.99	-0.08
	66C	66C	5A	5A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	10	2450	874	10	2600	889										23.61	23.47	-0.14
5B-46C	5B	5B	46C	46C				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	50665	5538	20	50863	5557										24.07	24.16	0.09
12A-46D	12A	46D	46D	46D				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	50665	5538	20	50863	5557	20	51061	5577										23.81	23.74	-0.07
12A-48D	12A	48D	48D	48D				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560	20	55538	3580	20	55736	3600										23.81	23.72	-0.09
13A-48A-66B	13A	48A	66B	66B				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	10	66486	2115	10	66585	2125										23.89	23.79	-0.10
	66B	66B	13A	48A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	10	5230	751	20	55340	3560										23.61	23.48	-0.13
13A-48A-66C	13A	48A	66C	66C				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	66536	2120	20	66734	2140										23.89	23.87	-0.02
	66C	66C	13A	48A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	10	5230	751	20	55340	3560										23.61	23.59	-0.02
25A-41D	25A	41D	41D	41D				QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656	20	41450	2676										23.62	23.73	0.11
29A-30A-66A-66A	30A	29A	66A	66A				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.17	-0.09
	66A	66A	29A	30A				QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.59	-0.02
48A-48A-66A-66A	66A	66A	48A	48A				QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.59	-0.02
48A-48A-66B	66B	66B	48A	48A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	55340	3560	20	56640	3690										23.61	23.67	0.06
48A-48A-66C	66C	66C	48A	48A				QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	55340	3560	20	56640	3690										23.61	23.68	0.07
48A-48D	48A	48D	48D	48D				QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686										23.85	23.89	0.04
	48D	48D	48D	48A				QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686										23.85	23.70	-0.15
48C-48C	48C	48C	48C	48C				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667										23.85	23.70	-0.15
2A-7A-7A-13A	2A	7A	7A	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.75	0.11
	7A	7A	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.58	-0.06
	13A	2A	7A	7A				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	24.02	0.13
2A-7A-7A-66A	2A	7A	7A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.51	-0.13
	7A	7A	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.79	0.15
	66A	2A	7A	7A				QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.66	0.05
2A-7C-13A	2A	7C	7C	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	10	5230	751										23.64	23.68	0.04
	7C	7C	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	10	5230	751										23.64	23.70	0.06
	13A	2A	7C	7C				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3048	2650										23.89	23.98	0.09
2A-7C-66A	2A	7C	7C	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.53	-0.11
	7C	7C	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.50	-0.14
	66A	2A	7C	7C				QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.72	0.11
2A-46A-48A-48A	2A	46A	48A	48A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.60	-0.04
2A-2A-5A-30A-66A	2A	2A	5A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	5A	2A	2A	30A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	23.95	-0.12
	30A	2A	2A	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.35	0.09
	66A	2A	2A	5A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.73	0.12
2A-2A-5A-66A-66A	2A	2A	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.54	-0.10
	5A	2A	2A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.04	-0.03
	66A	66A	2A	2A	5A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.50	-0.11

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-2A-5A-66B	2A	2A	5A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.55	-0.09
	5A	2A	2A	66B	66B			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	23.97	-0.10
	66B	66B	2A	2A	5A			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.55	-0.06
2A-2A-5A-66C	2A	2A	5A	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.55	-0.09
	5A	2A	2A	66C	66C			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	23.98	-0.09
	66C	66C	2A	2A	5A			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.69	0.08
2A-2A-12A-30A-66A	2A	2A	12A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.65	0.01
	12A	2A	2A	30A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.71	-0.10
	30A	2A	2A	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.30	0.04
	66A	2A	2A	12A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.55	-0.06
2A-2A-12A-66A-66A	2A	2A	12A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.59	-0.05
	12A	2A	2A	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.77	-0.04
	66A	66A	2A	2A	12A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.68	0.07
2A-2A-12B-66A	2A	2A	12B	12B	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.61	-0.03
	12B	12B	2A	2A	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.65	0.08
	66A	2A	2A	12B	12B			QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.65	0.04
2A-2A-13A-66A-66A	2A	2A	13A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	13A	2A	2A	66A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.84	-0.05
	66A	66A	2A	2A	13A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.64	0.03
2A-2A-13A-66B	2A	2A	13A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.61	-0.03
	13A	2A	2A	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.92	0.03
	66B	66B	2A	2A	13A			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	700	1940	20	1100	1980	10	5230	751							23.61	23.59	-0.02
2A-2A-14A-30A-66A	2A	2A	14A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.60	-0.04
	14A	2A	2A	30A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.68	-0.15
	30A	2A	2A	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.30	0.04
	66A	2A	2A	14A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.63	0.02
2A-2A-14A-66A-66A	2A	2A	14A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.75	0.11
	14A	2A	2A	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.68	-0.15
	66A	66A	2A	2A	14A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.49	-0.12
2A-2A-46D	2A	2A	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557	20	51061	5577							23.64	23.63	-0.01
2A-5A-30A-66A-66A	2A	5A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.64	0.00
	5A	2A	30A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.09	0.02
	30A	2A	5A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.20	-0.06
	66A	66A	2A	5A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.62	0.01
2A-5A-46A-66A-66A	2A	5A	46A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.60	-0.04
	5A	2A	46A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	24.20	0.13
	66A	66A	2A	5A	46A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.52	-0.09
2A-5A-48D	2A	5A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.54	-0.10
	5A	2A	48D	48D	48D			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							24.07	23.96	-0.11
2A-5B-66A-66A	2A	5B	5B	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.62	-0.02
	5B	5B	2A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.04	-0.03
	66A	66A	2A	5B	5B			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.75	0.14
2A-5B-66B	2A	5B	5B	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	10	66486	2115	10	66585	2125							23.64	23.70	0.06
	5B	5B	2A	66B	66B			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	10	66486	2115	10	66585	2125							24.07	24.07	0.00
	66B	66B	2A	5B	5B			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.67	0.06
2A-5B-66C	2A	5B	5B	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	66734	2140							23.64	23.51	-0.13
	5B	5B	2A	66C	66C			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	66734	2140							24.07	24.08	0.01
	66C	66C	2A	5B	5B			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.61	0.00
2A-12A-30A-66A-66A	2A	12A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.62	-0.02
	12A	2A	30A	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.87	0.06
	30A	2A	12A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.25	-0.01
	66A	66A	2A	12A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.58	-0.03
2A-12B-66A-66A	2A	12B	12B	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	12B	12B	2A	66A	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.51	-0.06
	66A	66A	2A	12B	12B			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.64	0.03
2A-13A-46A-66A-66A	2A	13A	46A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.60	-0.04
	13A	2A	46A	66A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	24.00	0.11
	66A	66A	2A	13A	46A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.67	0.06
2A-13A-48A-48A-66A	2A	13A	48A	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.68	0.04
	13A	2A	48A	48A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.74	-0.15
	66A	2A	13A	48A	48A			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.46	-0.15

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-13A-48A-48C	2A	13A	48A	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.68	0.04
	13A	2A	48A	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	23.89	0.00
2A-13A-48C-66A	2A	13A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.71	0.07
	13A	2A	48C	48C	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.87	-0.02
	66A	2A	13A	48C	48C			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.72	0.11
2A-13A-48D	2A	13A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.77	0.13
	13A	2A	48D	48D	48D			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							23.89	23.84	-0.05
2A-13A-66A-66B	2A	13A	66A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.57	-0.07
	13A	2A	66A	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	23.77	-0.12
	66A	66B	66B	2A	13A			QPSK	20	132072	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.49	-0.12
	66B	66B	66A	2A	13A			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	67036	2170	20	900	1960	10	5230	751							23.61	23.50	-0.11
2A-14A-30A-66A-66A	2A	14A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.58	-0.06
	14A	2A	30A	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.85	0.02
	30A	2A	14A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.18	-0.08
	66A	66A	2A	14A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.71	0.10
2A-46A-46C-66A	2A	46A	46C	46C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	66536	2120							23.64	23.66	0.02
	66A	2A	46A	46C	46C			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915	20	54242	5895							23.61	23.73	0.12
2A-46A-46D	2A	46A	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.64	23.66	0.02
2A-46A-48C-66A	2A	46A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.59	-0.05
	66A	2A	46A	48C	48C			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.55	-0.06
2A-46C-48A-66A	2A	46C	46C	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.68	0.04
	66A	2A	46C	46C	48A			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.48	-0.13
2A-48A-48C-66A	2A	48A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.49	-0.15
	66A	2A	48A	48C	48C			QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.53	-0.08
2A-48A-48D	2A	48A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.62	-0.02
2A-48C-48C	2A	48C	48C	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.77	0.13
4A-46A-46D	4A	46A	46D	46D	46D			QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.52	23.45	-0.07
4A-48E	4A	48E	48E	48E	48E			QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.52	23.38	-0.14
5B-46D	5B	5B	46D	46D	46D			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	50665	5538	20	50863	5557	20	51061	5577							24.07	24.11	0.04
12A-46E	12A	46E	46E	46E	46E			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597							23.81	23.92	0.11
13A-48A-48C-66A	13A	48A	48C	48C	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.74	-0.15
	66A	13A	48A	48C	48C			QPSK	20	132072	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.46	-0.15
13A-48A-48D	13A	48A	48D	48D	48D			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.89	23.95	0.06
13A-48C-48C	13A	48C	48C	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.89	23.96	0.07
13A-48D-66A	13A	48D	48D	48D	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120							23.89	23.89	0.00
	66A	13A	48D	48D	48D			QPSK	20	132072	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.71	0.10
46A-46D-66A	66A	46A	46D	46D	46D			QPSK	20	132072	1720	1	99	20	66536	2120	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.61	23.75	0.14
48A-48C-66B	66B	66B	48A	48C	48C			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.49	-0.12
48A-48C-66C	66C	66C	48A	48C	48C			QPSK	10	132022	1715	1	99	10	66486	2115	10	66585	2125	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.62	0.01
48A-48D-66A	66A	48A	48D	48D	48D			QPSK	20	132072	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.75	0.14
48C-48C-66A	66A	48C	48C	48C	48C			QPSK	20	132072	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.68	0.07
48A-48E	48A	48E	48E	48E	48E			QPSK	20	55340	3560	1	49	20	55340	3560	20	3627	56009	20	56207	3647	20	56405	3667	20	56603	3686							23.85	23.82	-0.03
	48E	48E	48E	48E	48A			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56640	3690							23.85	23.98	0.13
48C-48D	48C	48C	48D	48D	48D			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667	20	56603	3686							23.85	23.77	-0.08
	48D	48D	48D	48C	48C			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56207	3647	20	56405	3667							23.85	24.00	0.15
48F	48F	48F	48F	48F	48F			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56132	3639							23.85	23.93	0.08
2A-2A-29A-30A-66A	2A	2A	29A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.56	-0.08
	30A	2A	2A	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.14	-0.12
	66A	2A	2A	29A	30A			QPSK	20	132072	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.72	0.11
2A-2A-29A-66A-66A	2A	2A	29A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120	20	67036	2170							23.64	23.67	0.03
	66A	66A	2A	2A	29A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.59	-0.02
2A-5A-5A-66A-66A	2A	5A	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2450	874	10	2600	889	20	66536	2120	20	67036	2170							23.64	23.55	-0.09
	5A	5A	2A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	10	2600	889	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.11	0.04
	66A	66A	2A	5A	5A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.58	-0.03
2A-5A-48A-66A-66A	2A	5A	48A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.73	0.09
	5A	2A	48A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.08	0.01
	66A	66A	2A	5A	48A			QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.62	0.01
2A-5A-46C-66A-66A	2A	5A	46C	46C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.62	-0.02
	5A	2A	46C	46C	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	24.02	-0.05
	66A	66A	2A	5A	46C	46C		QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.47	-0.14

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-5A-48C-66A-66A	2A	5A	48C	48C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.52	-0.12
	5A	2A	48C	48C	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.13	0.06
	66A	66A	2A	5A	48C	48C		QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.68	0.07
2A-13A-46C-66A-66A	2A	13A	46C	46C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.69	0.05
	13A	2A	46C	46C	66A	66A		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	23.80	-0.09
	66A	66A	2A	13A	46C	46C		QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.66	0.05
2A-13A-46E	2A	13A	46E	46E	46E	46E		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.64	23.53	-0.11
	13A	2A	46E	46E	46E	46E		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.89	23.87	-0.02
2A-46A-48D-66A	2A	46A	48D	48D	48D	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.57	-0.07
	66A	2A	46A	48D	48D	48D		QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.61	0.00
2A-46C-48C-66A	2A	46C	46C	48C	48C	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.65	0.01
	66A	2A	46C	46C	48C	48C		QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.74	0.13
2A-46D-48A-66A	2A	46D	46D	46D	48A	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.73	0.09
	66A	2A	46D	46D	46D	48A		QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.75	0.14
2A-46A-48E	2A	46A	48E	48E	48E	48E		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.64	23.69	0.05
2A-48E-66A	2A	48E	48E	48E	48E	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.64	23.51	-0.13
	66A	2A	48E	48E	48E	48E		QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.64	0.03
5A-48D-66A-66A	5A	48D	48D	48D	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	20	67036	2170				24.07	24.17	0.10
	66A	66A	5A	48D	48D	48D		QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.65	0.04
13A-46E-66A	13A	46E	46E	46E	46E	66A		QPSK	10	23230	782	1	0	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120				23.89	24.00	0.11
	66A	13A	46E	46E	46E	46E		QPSK	20	132072	1720	1	99	20	66536	2120	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.61	23.64	0.03
13A-48E-66A	13A	48E	48E	48E	48E	66A		QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.89	23.81	-0.08
	66A	13A	48E	48E	48E	48E		QPSK	20	132072	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.75	0.14
46A-48E-66A	66A	46A	48E	48E	48E	48E		QPSK	20	132072	1720	1	99	20	66536	2120	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.65	0.04
2A-5A-46D-66A-66A	2A	5A	46D	46D	46D	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.63	-0.01
	5A	2A	46D	46D	46D	66A	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	24.14	0.07
	66A	66A	2A	5A	46D	46D	46D	QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.67	0.06
2A-5A-46E-66A	2A	5A	46E	46E	46E	46E	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	23.64	23.62	-0.02
	5A	2A	46E	46E	46E	46E	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	24.07	24.14	0.07
	66A	2A	5A	46E	46E	46E	46E	QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.69	0.08
2A-13A-46D-66A-66A	2A	13A	46D	46D	46D	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.59	-0.05
	13A	2A	46D	46D	46D	66A	66A	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	23.93	0.04
	66A	66A	2A	13A	46D	46D	46D	QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.58	-0.03
2A-46C-48D-66A	2A	46C	46C	48D	48D	48D	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	23.64	23.51	-0.13
	66A	2A	46C	46C	48D	48D	48D	QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	23.61	23.68	0.07
2A-46D-48C-66A	2A	46D	46D	46D	48C	48C	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.73	0.09
	66A	2A	46D	46D	46D	48C	48C	QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.55	-0.06
2A-46E-48A-66A	2A	46E	46E	46E	46E	48A	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.64	0.00
	66A	2A	46E	46E	46E	46E	48A	QPSK	20	132072	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.49	-0.12
2A-46C-48E	2A	46C	46C	48E	48E	48E	48E	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	23.64	23.66	0.02
2A-46E-48C	2A	46E	46E	46E	46E	48C	48C	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.64	23.58	-0.06
2A-46E-66A-66A	2A	46E	46E	46E	46E	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.70	0.06
	66A	66A	2A	46E	46E	46E	46E	QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.70	0.09
5A-46E-66A-66A	5A	46E	46E	46E	46E	66A	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	24.07	23.92	-0.15
	66A	66A	5A	46E	46E	46E	46E	QPSK	20	132072	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.46	-0.15
46C-48E-66A	66A	46C	46C	48E	48E	48E	48E	QPSK	20	132072	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	23.61	23.62	0.01
46E-48C-66A	66A	46E	46E	46E	46E	48C	48C	QPSK	20	132072	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.61	23.48	-0.13

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
4A-[48A]	4A	[48A]						QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560																23.52	23.51	-0.01
[4A]-48A	[4A]	48A						QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560																23.52	23.56	0.04
[4A]-[48A]	[4A]	[48A]						QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560																23.52	23.53	0.01
5A-[25A]	5A	[25A]						QPSK	10	20525	836.5	1	49	10	2525	881.5	20	8140	1940																24.07	23.94	-0.13
	[25A]	5A						QPSK	20	26140	1860	1	0	20	8140	1940	10	2525	881.5																23.62	23.58	-0.04
5A-[41A]	5A	[41A]						QPSK	10	20525	836.5	1	49	10	2525	881.5	20	41055	2637																24.07	24.2	0.13
12A-[25A]	12A	[25A]						QPSK	10	23095	707.5	1	49	10	5095	737.5	20	8140	1940																23.81	23.77	-0.04
	[25A]	12A						QPSK	20	26140	1860	1	0	20	8140	1940	10	5095	737.5																23.62	23.67	0.05
12A-[48A]	12A	[48A]						QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560																23.81	23.92	0.11
[25A]-25A	[25A]	25A						QPSK	20	26140	1860	1	0	20	8140	1940	20	8590	1985																23.62	23.56	-0.06
	25A	[25A]						QPSK	20	26140	1860	1	0	20	8140	1940	20	8590	1985																23.62	23.74	0.12
[25A]-[25A]	[25A]	[25A]						QPSK	20	26140	1860	1	0	20	8140	1940	20	8590	1985																23.62	23.72	0.1
25A-[41A]	25A	[41A]						QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637																23.62	23.5	-0.12
[25A]-41A	[25A]	41A						QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637																23.62	23.5	-0.12
[25A]-[41A]	[25A]	[41A]						QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637																23.62	23.64	0.02
[41A]-41A	[41A]	41A						QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506																23.44	23.35	-0.09
	41A	[41A]						QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506																23.44	23.44	0
[41A]-[41A]	[41A]	[41A]						QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506																23.44	23.59	0.15
[2A]-2A-46A	[2A]	2A	46A					QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538													23.64	23.73	0.09
	2A	[2A]	46A					QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538													23.64	23.78	0.14
[2A]-[2A]-46A	[2A]	[2A]	46A					QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538													23.64	23.76	0.12
2A-[4A]-13A	2A	[4A]	13A					QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	5230	751													23.64	23.75	0.11
	[4A]	2A	13A					QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	5230	751													23.52	23.49	-0.03
	13A	2A	[4A]					QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2175	2133													23.89	24.03	0.14
[2A]-4A-13A	[2A]	4A	13A					QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	5230	751													23.64	23.67	0.03
	4A	[2A]	13A					QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	5230	751													23.52	23.63	0.11
	13A	[2A]	4A					QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2175	2133													23.89	23.85	-0.04
[2A]-[4A]-13A	[2A]	[4A]	13A					QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	5230	751													23.64	23.64	0
	[4A]	[2A]	13A					QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	5230	751													23.52	23.65	0.13
	13A	[2A]	[4A]					QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2175	2133													23.89	23.88	-0.01
[4A]-4A-13A	[4A]	4A	13A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	5230	751													23.52	23.46	-0.06
	4A	[4A]	13A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	5230	751													23.52	23.57	0.05
	13A	[4A]	4A					QPSK	10	23230	782	1	0	10	5230	751	20	2050	2120	20	2300	2145													23.89	24.01	0.12
[4A]-[4A]-13A	[4A]	[4A]	13A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	5230	751													23.52	23.57	0.05
	13A	[4A]	[4A]					QPSK	10	23230	782	1	0	10	5230	751	20	2050	2120	20	2300	2145													23.89	23.99	0.1
[4A]-4A-71A	[4A]	4A	71A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	68761	634.5													23.52	23.54	0.02
	4A	[4A]	71A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	68761	634.5													23.52	23.54	0.02
	71A	[4A]	4A					QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	2050	2120	20	2300	2145													24.08	24.08	0
[4A]-[4A]-71A	[4A]	[4A]	71A					QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	68761	634.5													23.52	23.42	-0.1
	71A	[4A]	[4A]					QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	2050	2120	20	2300	2145													24.08	24.15	0.07
[4A]-46A-46A	[4A]	46A	46A					QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915													23.52	23.42	-0.1
4A-[48C]	4A	[48C]	[48C]					QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580													23.52	23.62	0.1
[4A]-48C	[4A]	48C	48C					QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580													23.52	23.41	-0.11
[4A]-[48C]	[4A]	[48C]	[48C]					QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580													23.52	23.5	-0.02
12A-[48C]	12A	[48C]	[48C]					QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560	20	55538	3580													23.81	23.69	-0.12
25A-[41C]	25A	[41C]	[41C]					QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656													23.62	23.55	-0.07
[25A]-41C	[25A]	41C	41C					QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656													23.62	23.62	0
[25A]-[41C]	[25A]	[41C]	[41C]					QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656													23.62	23.71	0.09
41A-[41C]	41A	[41C]	[41C]					QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506	20	39948	2526													23.44	23.44	0
	[41C]	[41C]	41A					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	39750	2506													23.44	23.36	-0.08
[41A]-41C	[41A]	41C	41C					QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506	20	39948	2526													23.44	23.3	-0.14
	41C	41C	[41A]					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	39750	2506													23.44	23.42	-0.02
[41A]-[41C]	[41A]	[41C]	[41C]					QPSK	20	41055	2637	1	0	20	41055	2637	20	39750	2506	20	39948	2526													23.44	23.41	-0.03
	[41C]	[41C]	[41A]					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	39750	2506													23.44	23.35	-0.09
[41D]	[41D]	[41D]	[41D]					QPSK	20	41055	2637	1	0	20	41055	2637	20	41253	2656	20	41451	2676													23.44	23.55	0.11
[48A]-48A-71A	71A	[48A]	48A					QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	55340	3560	20	56640	3690													24.08	24.07	-0.01
[48A]-[48A]-71A	71A	[48A]	[48A]					QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	55340	3560	20	56640	3690													24.08	24.08	0
48A-[48C]	48A	[48C]	[48C]					QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667													23.85	23.81	-0.04
	[48C]	[48C]	48A					QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56640	3690													23.85	23.7	-0.15
[48A]-48C	[48A]	48C	48C					QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667													23.85	23.78	-0.07
	48C	48C	[48A]					QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56640	3690													23.85	23.92	0.07
[48A]-[48C]	[48A]	[48C]	[48C]					QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667													23.85	23.77	-0.08
	[48C]	[48C]	[48A]					QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56640	3690													23.85	23.75	-0.1
[48C]-71A	71A	[48C]	[48C]					QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	55340	3560	20	55538	3580													24.08	24.11	0.03
66A-[66C]	66A	[66C]	[66C]					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66786	2145	20	66984	2165													23.61	23.67	0.06
	[66C]	[66C]	66A					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	67036	2170													23.61	23.75	0.14

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands PCC 1st	SCC1 2nd	SCC2 3rd	SCC3 4th	SCC4 5th	SCC5 6th	SCC6 7th	UL PCC Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	DL PCC BW (MHz)	Channel	Freq. (MHz)	SCC1 BW (MHz)	Channel	Freq. (MHz)	SCC2 BW (MHz)	Channel	Freq. (MHz)	SCC3 BW (MHz)	Channel	Freq. (MHz)	SCC4 BW (MHz)	Channel	Freq. (MHz)	SCC5 BW (MHz)	Channel	Freq. (MHz)	SCC6 BW (MHz)	Channel	Freq. (MHz)	LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
[66A]-66C	[66A]	66C	66C					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66786	2145	20	66984	2165													23.61	23.64	0.03
	66C	66C	[66A]					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	67036	2170													23.61	23.47	-0.14
[66A]-[66C]	[66A]	[66C]	[66C]					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66786	2145	20	66984	2165													23.61	23.53	-0.08
	[66C]	[66C]	[66A]					QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	67036	2170													23.61	23.71	0.1
2A-2A-[4A]-4A	2A	2A	[4A]	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.68	0.04
	[4A]	4A	2A	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.46	-0.06
	4A	[4A]	2A	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.37	-0.15
2A-2A-[4A]-[4A]	2A	2A	[4A]	[4A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.57	-0.07
	[4A]	[4A]	2A	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.5	-0.02
[2A]-2A-4A-4A	[2A]	2A	4A	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.58	-0.06
	2A	[2A]	4A	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.53	-0.11
	4A	4A	[2A]	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.57	0.05
[2A]-2A-[4A]-4A	[2A]	2A	[4A]	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.77	0.13
	2A	[2A]	[4A]	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.72	0.08
	[4A]	4A	[2A]	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.45	-0.07
	4A	[4A]	[2A]	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.61	0.09
[2A]-2A-[4A]-[4A]	[2A]	2A	[4A]	[4A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.62	-0.02
	2A	[2A]	[4A]	[4A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.67	0.03
	[4A]	[4A]	[2A]	2A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.44	-0.08
[2A]-[2A]-4A-4A	[2A]	[2A]	4A	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.68	0.04
	4A	4A	[2A]	[2A]				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.62	0.1
[2A]-[2A]-[4A]-4A	[2A]	[2A]	[4A]	4A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.69	0.05
	[4A]	4A	[2A]	[2A]				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.53	0.01
	4A	[4A]	[2A]	[2A]				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.48	-0.04
[2A]-[2A]-[4A]-[4A]	[2A]	[2A]	[4A]	[4A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2050	2120	20	2300	2145										23.64	23.52	-0.12
	[4A]	[4A]	[2A]	[2A]				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	700	1940	20	1100	1980										23.52	23.39	-0.13
2A-2A-[4A]-5A	2A	2A	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.71	0.07
	[4A]	2A	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.65	0.13
	5A	2A	2A	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2133										24.07	24.16	0.09
[2A]-2A-4A-5A	[2A]	2A	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.57	-0.07
	2A	[2A]	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.54	-0.1
	4A	[2A]	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.58	0.06
	5A	[2A]	2A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2133										24.07	23.95	-0.12
[2A]-2A-[4A]-5A	[2A]	2A	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.68	0.04
	2A	[2A]	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.5	-0.14
	[4A]	[2A]	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.41	-0.11
	5A	[2A]	2A	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2133										24.07	24.2	0.13
[2A]-[2A]-4A-5A	[2A]	[2A]	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.79	0.15
	4A	[2A]	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.47	-0.05
	5A	[2A]	[2A]	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2132.5										24.07	24.18	0.11
[2A]-[2A]-[4A]-5A	[2A]	[2A]	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	2525	881.5										23.64	23.65	0.01
	[4A]	[2A]	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	2525	881.5										23.52	23.64	0.12
	5A	[2A]	[2A]	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	2175	2133										24.07	24.16	0.09
2A-2A-[4A]-12A	2A	2A	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.55	-0.09
	[4A]	2A	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.43	-0.09
	12A	2A	2A	[4A]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.72	-0.09
[2A]-2A-4A-12A	[2A]	2A	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.55	-0.09
	2A	[2A]	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.71	0.07
	4A	[2A]	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.54	0.02
	12A	[2A]	2A	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.83	0.02
[2A]-2A-[4A]-12A	[2A]	2A	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.6	-0.04
	2A	[2A]	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.79	0.15
	[4A]	[2A]	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.61	0.09
	12A	[2A]	2A	[4A]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.75	-0.06
[2A]-[2A]-4A-12A	[2A]	[2A]	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.64	0
	4A	[2A]	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.46	-0.06
	12A	[2A]	[2A]	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.7	-0.11
[2A]-[2A]-[4A]-12A	[2A]	[2A]	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	10	5095	737.5										23.64	23.68	0.04
	[4A]	[2A]	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	10	5095	737.5										23.52	23.45	-0.07
	12A	[2A]	[2A]	[4A]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	2175	2133										23.81	23.81	0
2A-2A-[4A]-71A	2A	2A	[4A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.5	-0.14
	[4A]	2A	2A	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.41	-0.11
	71A	2A	2A	[4A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	24.17	0.09
[2A]-2A-4A-71A	[2A]	2A	4A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.49	-0.15
	2A	[2A]	4A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.72	0.08
	4A	[2A]	2A	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.52	0
	71A	[2A]	2A	4A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	23.93	-0.15
[2A]-2A-[4A]-71A	[2A]	2A	[4A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.64	0
	2A	[2A]	[4A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.78	0.14
	[4A]	[2A]	2A	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.59	0.07
	71A	[2A]	2A	[4A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	24.01	-0.07

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																						LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6						
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)				
[2A]-[2A]-4A-71A	[2A]	[2A]	4A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.69	0.05
	4A	[2A]	[2A]	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.54	0.02
	71A	[2A]	[2A]	4A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	24.18	0.1
[2A]-[2A]-[4A]-71A	[2A]	[2A]	[4A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	2175	2133	20	68761	634.5										23.64	23.58	-0.06
	[4A]	[2A]	[2A]	71A				QPSK	20	20175	1733	1	0	20	2175	2133	20	700	1940	20	1100	1980	20	68761	634.5										23.52	23.6	0.08
	71A	[2A]	[2A]	[4A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	2175	2133										24.08	24.03	-0.05
[2A]-2A-5B	[2A]	2A	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	5	2453	874.3										23.64	23.78	0.14
	2A	[2A]	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	5	2453	874.3										23.64	23.64	0
	5B	5B	[2A]	2A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	700	1940	20	1100	1980										24.07	24.1	0.03
[2A]-[2A]-5B	[2A]	[2A]	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	5	2453	874.3										23.64	23.64	0
	5B	5B	[2A]	[2A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	700	1940	20	1100	1980										24.07	24.09	0.02
[2A]-2A-46C	[2A]	2A	46C	46C				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557										23.64	23.79	0.15
	2A	[2A]	46C	46C				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557										23.64	23.79	0.15
[2A]-[2A]-46C	[2A]	[2A]	46C	46C				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557										23.64	23.53	-0.11
2A-2A-[66A]-71A	2A	2A	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.65	0.01
	[66A]	2A	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.6	-0.01
	71A	2A	2A	[66A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	24.14	0.06
[2A]-2A-66A-71A	[2A]	2A	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.7	0.06
	2A	[2A]	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.61	-0.03
	66A	[2A]	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.75	0.14
	71A	[2A]	2A	66A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	23.94	-0.14
[2A]-2A-[66A]-71A	[2A]	2A	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.57	-0.07
	2A	[2A]	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.54	-0.1
	[66A]	[2A]	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.74	0.13
	71A	[2A]	2A	[66A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	24.21	0.13
[2A]-[2A]-66A-71A	[2A]	[2A]	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.79	0.15
	66A	[2A]	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.65	0.04
	71A	[2A]	[2A]	66A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	23.97	-0.11
[2A]-[2A]-[66A]-71A	[2A]	[2A]	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	66536	2120	20	68761	634.5										23.64	23.69	0.05
	[66A]	[2A]	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	20	68761	634.5										23.61	23.71	0.1
	71A	[2A]	[2A]	[66A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	700	1940	20	1100	1980	20	66536	2120										24.08	24.15	0.07
2A-[4A]-4A-5A	2A	[4A]	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.66	0.02
	[4A]	4A	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.51	-0.01
	4A	[4A]	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.62	0.1
	5A	2A	[4A]	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	24.02	-0.05
2A-[4A]-[4A]-5A	2A	[4A]	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.56	-0.08
	[4A]	[4A]	2A	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.57	0.05
	5A	2A	[4A]	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	23.93	-0.14
[2A]-4A-4A-5A	[2A]	4A	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.78	0.14
	4A	4A	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.57	0.05
	5A	[2A]	4A	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	24.15	0.08
[2A]-[4A]-4A-5A	[2A]	[4A]	4A	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.75	0.11
	[4A]	4A	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.48	-0.04
	4A	[4A]	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.53	0.01
	5A	[2A]	[4A]	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	24.15	0.08
[2A]-[4A]-[4A]-5A	[2A]	[4A]	[4A]	5A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	2525	881.5										23.64	23.79	0.15
	[4A]	[4A]	[2A]	5A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	2525	881.5										23.52	23.51	-0.01
	5A	[2A]	[4A]	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	2050	2120	20	2300	2145										24.07	24.04	-0.03
2A-[4A]-4A-12A	2A	[4A]	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.57	-0.07
	[4A]	4A	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.67	0.15
	4A	[4A]	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.52	0
	12A	2A	[4A]	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.73	-0.08
2A-[4A]-[4A]-12A	2A	[4A]	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.72	0.08
	[4A]	[4A]	2A	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.52	0
	12A	2A	[4A]	[4A]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.86	0.05
[2A]-4A-4A-12A	[2A]	4A	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.79	0.15
	4A	4A	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.64	0.12
	12A	[2A]	4A	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.88	0.07
[2A]-[4A]-4A-12A	[2A]	[4A]	4A	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.68	0.04
	[4A]	4A	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.43	-0.09
	4A	[4A]	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.55	0.03
	12A	[2A]	[4A]	4A				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.71	-0.1
[2A]-[4A]-[4A]-12A	[2A]	[4A]	[4A]	12A				QPSK	20	18700	1860	1	0	20	700	1940	20	2050	2120	20	2300	2145	10	5095	737.5										23.64	23.6	-0.04
	[4A]	[4A]	[2A]	12A				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	20	900	1960	10	5095	737.5										23.52	23.57	0.05
	12A	[2A]	[4A]	[4A]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	2050	2120	20	2300	2145										23.81	23.69	-0.12
2A-[4A]-5B	2A	[4A]	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	2525	881.5	5	2453	874.3										23.64	23.79	0.15
	[4A]	2A	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	2525	881.5	5	2453	874.3										23.52	23.64	0.12
	5B	5B	2A	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	2175	2133										24.07	24.05	-0.02

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-4A-5B	[2A]	4A	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	2525	881.5	5	2453	874.3										23.64	23.5	-0.14
	4A	[2A]	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	2525	881.5	5	2453	874.3										23.52	23.61	0.09
	5B	5B	[2A]	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	2175	2133										24.07	23.93	-0.14
[2A]-[4A]-5B	[2A]	[4A]	5B	5B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	10	2525	881.5	5	2453	874.3										23.64	23.59	-0.05
	[4A]	[2A]	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	10	2525	881.5	5	2453	874.3										23.52	23.56	0.04
	5B	5B	[2A]	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	2175	2133										24.07	24.12	0.05
2A-[4A]-12B	2A	[4A]	12B	12B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	5	5095	737.5	5	5047	732.7										23.64	23.78	0.14
	[4A]	2A	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	5	5095	737.5	5	5047	732.7										23.52	23.52	0
	12B	12B	2A	[4A]				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	2175	2133										23.57	23.55	-0.02
[2A]-4A-12B	[2A]	4A	12B	12B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	5	5095	737.5	5	5047	732.7										23.64	23.7	0.06
	4A	[2A]	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	5	5095	737.5	5	5047	732.7										23.52	23.61	0.09
	12B	12B	[2A]	4A				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	2175	2133										23.57	23.55	-0.02
[2A]-[4A]-12B	[2A]	[4A]	12B	12B				QPSK	20	18700	1860	1	0	20	700	1940	20	2175	2133	5	5095	737.5	5	5047	732.7										23.64	23.62	-0.02
	[4A]	[2A]	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	20	900	1960	5	5095	737.5	5	5047	732.7										23.52	23.54	0.02
	12B	12B	[2A]	[4A]				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	2175	2133										23.57	23.61	0.04
[2A]-7A-7A-13A	[2A]	7A	7A	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.66	0.02
	7A	7A	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.55	-0.09
	13A	[2A]	7A	7A				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	23.92	0.03
2A-[7A]-7A-13A	2A	[7A]	7A	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.57	-0.07
	[7A]	7A	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.49	-0.15
	7A	[7A]	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.68	0.04
	13A	2A	[7A]	7A				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	23.79	-0.1
[2A]-[7A]-7A-13A	[2A]	[7A]	7A	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.73	0.09
	[7A]	7A	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.73	0.09
	7A	[7A]	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.71	0.07
	13A	[2A]	[7A]	7A				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	23.86	-0.03
2A-[7A]-[7A]-13A	2A	[7A]	[7A]	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.55	-0.09
	[7A]	[7A]	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.72	0.08
	13A	2A	[7A]	[7A]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	24.04	0.15
[2A]-[7A]-[7A]-13A	[2A]	[7A]	[7A]	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	10	5230	751										23.64	23.49	-0.15
	[7A]	[7A]	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	10	5230	751										23.64	23.72	0.08
	13A	[2A]	[7A]	[7A]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3350	2680										23.89	23.79	-0.1
[2A]-7A-7A-66A	[2A]	7A	7A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.72	0.08
	7A	7A	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.62	-0.02
	66A	[2A]	7A	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.61	0
2A-[7A]-7A-66A	2A	[7A]	7A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.6	-0.04
	[7A]	7A	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.58	-0.06
	7A	[7A]	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.72	0.08
	66A	2A	[7A]	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.73	0.12
2A-7A-7A-[66A]	2A	7A	7A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.54	-0.1
	7A	7A	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.58	-0.06
	[66A]	2A	7A	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.49	-0.12
[2A]-[7A]-7A-66A	[2A]	[7A]	7A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.6	-0.04
	[7A]	7A	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.62	-0.02
	7A	[7A]	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.62	-0.02
	66A	[2A]	[7A]	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.73	0.12
[2A]-7A-7A-[66A]	[2A]	7A	7A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.62	-0.02
	7A	7A	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.51	-0.13
	[66A]	[2A]	7A	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.58	-0.03
2A-[7A]-[7A]-66A	2A	[7A]	[7A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.6	-0.04
	[7A]	[7A]	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.77	0.13
	66A	2A	[7A]	[7A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.61	0
2A-[7A]-7A-[66A]	2A	[7A]	7A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.74	0.1
	[7A]	7A	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.66	0.02
	7A	[7A]	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.63	-0.01
	[66A]	2A	[7A]	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.59	-0.02
[2A]-[7A]-[7A]-66A	[2A]	[7A]	[7A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.64	0
	[7A]	[7A]	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.64	0
	66A	[2A]	[7A]	[7A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.55	-0.06
[2A]-[7A]-7A-[66A]	[2A]	[7A]	7A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.7	0.06
	[7A]	7A	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.69	0.05
	7A	[7A]	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.58	-0.06
	[66A]	[2A]	[7A]	7A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.67	0.06
2A-[7A]-[7A]-[66A]	2A	[7A]	[7A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.74	0.1
	[7A]	[7A]	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.68	0.04
	[66A]	2A	[7A]	[7A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.72	0.11
[2A]-[7A]-[7A]-[66A]	[2A]	[7A]	[7A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3350	2680	20	66536	2120										23.64	23.56	-0.08
	[7A]	[7A]	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3350	2680	20	900	1960	20	66536	2120										23.64	23.74	0.1
	[66A]	[2A]	[7A]	[7A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3350	2680										23.61	23.76	0.15

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-[7C]-13A	2A	[7C]	[7C]	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	10	5230	751										23.64	23.66	0.02
	[7C]	[7C]	2A	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	10	5230	751										23.64	23.66	0.02
	13A	2A	[7C]	[7C]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3048	2650										23.89	23.96	0.07
[2A]-7C-13A	[2A]	7C	7C	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	10	5230	751										23.64	23.76	0.12
	7C	7C	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	10	5230	751										23.64	23.6	-0.04
	13A	[2A]	7C	7C				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3048	2650										23.89	23.75	-0.14
[2A]-[7C]-13A	[2A]	[7C]	[7C]	13A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	10	5230	751										23.64	23.65	0.01
	[7C]	[7C]	[2A]	13A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	10	5230	751										23.64	23.68	0.04
	13A	[2A]	[7C]	[7C]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	2850	2630	20	3048	2650										23.89	23.81	-0.08
2A-7C-[66A]	2A	7C	7C	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.54	-0.1
	7C	7C	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.61	-0.03
	[66A]	2A	7C	7C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.58	-0.03
2A-[7C]-66A	2A	[7C]	[7C]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.6	-0.04
	[7C]	[7C]	2A	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.65	0.01
	66A	2A	[7C]	[7C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.53	-0.08
2A-[7C]-[66A]	2A	[7C]	[7C]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.65	0.01
	[7C]	[7C]	2A	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.72	0.08
	[66A]	2A	[7C]	[7C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.48	-0.13
[2A]-7C-66A	[2A]	7C	7C	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.61	-0.03
	7C	7C	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.75	0.11
	66A	[2A]	7C	7C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.49	-0.12
[2A]-7C-[66A]	[2A]	7C	7C	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.66	0.02
	7C	7C	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.59	-0.05
	[66A]	[2A]	7C	7C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.68	0.07
[2A]-[7C]-66A	[2A]	[7C]	[7C]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.49	-0.15
	[7C]	[7C]	[2A]	66A				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.79	0.15
	66A	[2A]	[7C]	[7C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.59	-0.02
[2A]-[7C]-[66A]	[2A]	[7C]	[7C]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	2850	2630	20	3048	2650	20	66536	2120										23.64	23.54	-0.1
	[7C]	[7C]	[2A]	[66A]				QPSK	20	20850	2510	1	99	20	2850	2630	20	3048	2650	20	900	1960	20	66536	2120										23.64	23.67	0.03
	[66A]	[2A]	[7C]	[7C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	2850	2630	20	3048	2650										23.61	23.71	0.1
2A-12A-[66C]	2A	12A	[66C]	[66C]				QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	20	66536	2120	20	66734	2140										23.64	23.63	-0.01
	12A	2A	[66C]	[66C]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	66536	2120	20	66734	2140										23.81	23.74	-0.07
	[66C]	[66C]	2A	12A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5095	737.5										23.61	23.72	0.11
[2A]-12A-66C	[2A]	12A	66C	66C				QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	20	66536	2120	20	66734	2140										23.64	23.5	-0.14
	12A	[2A]	66C	66C				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	66536	2120	20	66734	2140										23.81	23.85	0.04
	66C	66C	[2A]	12A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5095	737.5										23.61	23.64	0.03
[2A]-12A-[66C]	[2A]	12A	[66C]	[66C]				QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	20	66536	2120	20	66734	2140										23.64	23.73	0.09
	12A	[2A]	[66C]	[66C]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	20	66536	2120	20	66734	2140										23.81	23.9	0.09
	[66C]	[66C]	[2A]	12A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5095	737.5										23.61	23.72	0.11
2A-13A-[66C]	2A	13A	[66C]	[66C]				QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	20	66734	2140										23.64	23.52	-0.12
	13A	2A	[66C]	[66C]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	20	66734	2140										23.89	23.91	0.02
	[66C]	[66C]	2A	13A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5230	751										23.61	23.57	-0.04
[2A]-13A-66C	[2A]	13A	66C	66C				QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	20	66734	2140										23.64	23.59	-0.05
	13A	[2A]	66C	66C				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	20	66734	2140										23.89	23.94	0.05
	66C	66C	[2A]	13A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5230	751										23.61	23.7	0.09
[2A]-13A-[66C]	[2A]	13A	[66C]	[66C]				QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	20	66734	2140										23.64	23.52	-0.12
	13A	[2A]	[66C]	[66C]				QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	20	66734	2140										23.89	23.77	-0.12
	[66C]	[66C]	[2A]	13A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	5230	751										23.61	23.58	-0.03
2A-46A-46A-[66A]	2A	46A	46A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	66536	2120										23.64	23.71	0.07
	[66A]	2A	46A	46A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915										23.61	23.67	0.06
[2A]-46A-46A-66A	[2A]	46A	46A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	66536	2120										23.64	23.52	-0.12
	66A	[2A]	46A	46A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915										23.61	23.57	-0.04
[2A]-46A-46A-[66A]	[2A]	46A	46A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	66536	2120										23.64	23.59	-0.05
	[66A]	[2A]	46A	46A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915										23.61	23.64	0.03
2A-46A-[48A]-48A	2A	46A	[48A]	48A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.52	-0.12
2A-46A-[48A]-[48A]	2A	46A	[48A]	[48A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.53	-0.11
[2A]-46A-48A-48A	[2A]	46A	48A	48A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.61	-0.03
[2A]-46A-[48A]-48A	[2A]	46A	[48A]	48A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.52	-0.12
[2A]-46A-[48A]-[48A]	[2A]	46A	[48A]	[48A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	56640	3690										23.64	23.52	-0.12
2A-46A-48A-[66A]	2A	46A	48A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.58	-0.06
	[66A]	2A	46A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.55	-0.06
2A-46A-[48A]-66A	2A	46A	[48A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.54	-0.1
	66A	2A	46A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.46	-0.15
2A-46A-[48A]-[66A]	2A	46A	[48A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.64	0
	[66A]	2A	46A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.48	-0.13
[2A]-46A-48A-66A	[2A]	46A	48A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.79	0.15
	66A	[2A]	46A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.49	-0.12
[2A]-46A-48A-[66A]	[2A]	46A	48A	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.68	0.04
	[66A]	[2A]	46A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.46	-0.15

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6		PCC					PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-46A-[48A]-66A	[2A]	46A	[48A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.5	-0.14
	66A	[2A]	46A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.6	-0.01
[2A]-46A-[48A]-[66A]	[2A]	46A	[48A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	66536	2120										23.64	23.72	0.08
	[66A]	[2A]	46A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560										23.61	23.65	0.04
2A-[66A]-66A-71A	2A	[66A]	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.71	0.07
	[66A]	66A	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.48	-0.13
	66A	[66A]	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.63	0.02
	71A	2A	[66A]	66A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24.02	-0.06
2A-[66A]-[66A]-71A	2A	[66A]	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.62	-0.02
	[66A]	[66A]	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.7	0.09
	71A	2A	[66A]	[66A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24.1	0.02
[2A]-66A-66A-71A	[2A]	66A	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.55	-0.09
	66A	66A	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.65	0.04
	71A	[2A]	66A	66A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24	-0.08
[2A]-[66A]-66A-71A	[2A]	[66A]	66A	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.54	-0.1
	[66A]	66A	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.48	-0.13
	66A	[66A]	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.59	-0.02
	71A	[2A]	[66A]	66A				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24.13	0.05
[2A]-[66A]-[66A]-71A	[2A]	[66A]	[66A]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	67036	2170	20	68761	634.5										23.64	23.72	0.08
	[66A]	[66A]	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	68761	634.5										23.61	23.75	0.14
	71A	[2A]	[66A]	[66A]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	67036	2170										24.08	24.1	0.02
2C-[66A]-66A	2C	2C	[66A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	1098	1979.8	20	66536	2120	20	67036	2170										23.64	23.69	0.05
	[66A]	66A	2C	2C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.57	-0.04
	66A	[66A]	2C	2C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.69	0.08
2C-[66A]-[66A]	2C	2C	[66A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1098	1979.8	20	66536	2120	20	67036	2170										23.64	23.52	-0.12
	[66A]	[66A]	2C	2C				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.69	0.08
[2C]-66A-66A	[2C]	[2C]	66A	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	1098	1979.8	20	66536	2120	20	67036	2170										23.64	23.53	-0.11
	66A	66A	[2C]	[2C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.63	0.02
[2C]-[66A]-66A	[2C]	[2C]	[66A]	66A				QPSK	20	18700	1860	1	0	20	700	1940	20	1098	1979.8	20	66536	2120	20	67036	2170										23.64	23.61	-0.03
	[66A]	66A	[2C]	[2C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.57	-0.04
	66A	[66A]	[2C]	[2C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.55	-0.06
[2C]-[66A]-[66A]	[2C]	[2C]	[66A]	[66A]				QPSK	20	18700	1860	1	0	20	700	1940	20	1098	1979.8	20	66536	2120	20	67036	2170										23.64	23.79	0.15
	[66A]	[66A]	[2C]	[2C]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	1098	1980										23.61	23.58	-0.03
2A-[66C]-71A	2A	[66C]	[66C]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	66734	2140	20	68761	634.5										23.64	23.75	0.11
	[66C]	[66C]	2A	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	20	68761	634.5										23.61	23.67	0.06
	71A	2A	[66C]	[66C]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	66734	2140										24.08	23.98	-0.1
[2A]-66C-71A	[2A]	66C	66C	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	66734	2140	20	68761	634.5										23.64	23.5	-0.14
	66C	66C	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	20	68761	634.5										23.61	23.6	-0.01
	71A	[2A]	66C	66C				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	66734	2140										24.08	24.03	-0.05
[2A]-[66C]-71A	[2A]	[66C]	[66C]	71A				QPSK	20	18700	1860	1	0	20	700	1940	20	66536	2120	20	66734	2140	20	68761	634.5										23.64	23.52	-0.12
	[66C]	[66C]	[2A]	71A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	20	68761	634.5										23.61	23.5	-0.11
	71A	[2A]	[66C]	[66C]				QPSK	20	1E+05	680.5	1	49	20	68761	634.5	20	900	1960	20	66536	2120	20	66734	2140										24.08	24.16	0.08
[4A]-4A-5B	[4A]	4A	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	2525	881.5	5	2453	874.3										23.52	23.43	-0.09
	4A	[4A]	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	2525	881.5	5	2453	874.3										23.52	23.64	0.12
	5B	5B	[4A]	4A				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	2050	2120	20	2300	2145										24.07	23.98	-0.09
[4A]-[4A]-5B	[4A]	[4A]	5B	5B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	10	2525	881.5	5	2453	874.3										23.52	23.37	-0.15
	5B	5B	[4A]	[4A]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	2050	2120	20	2300	2145										24.07	24.21	0.14
[4A]-4A-12B	[4A]	4A	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	5	5095	737.5	5	5047	732.7										23.52	23.47	-0.05
	4A	[4A]	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	5	5095	737.5	5	5047	732.7										23.52	23.4	-0.12
	12B	12B	[4A]	4A				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	2050	2120	20	2300	2145										23.57	23.44	-0.13
[4A]-[4A]-12B	[4A]	[4A]	12B	12B				QPSK	20	20175	1733	1	0	20	2175	2133	10	2350	2150	5	5095	737.5	5	5047	732.7										23.52	23.43	-0.09
	12B	12B	[4A]	[4A]				QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	2050	2120	20	2300	2145										23.57	23.59	0.02
[4A]-46A-46C	[4A]	46A	46C	46C				QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915	20	54242	5895										23.52	23.46	-0.06
4A-[48D]	4A	[48D]	[48D]	[48D]				QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600										23.52	23.49	-0.03
[4A]-48D	[4A]	48D	48D	48D				QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600										23.52	23.6	0.08
[4A]-[48D]	[4A]	[48D]	[48D]	[48D]				QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600										23.52	23.67	0.15
5A-5A-[66B]	5A	5A	[66B]	[66B]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	10	66486	2115	10	66585	2125										24.07	24.12	0.05
	[66B]	[66B]	5A	5A				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	10	2450	874	10	2600	889										23.77	23.91	0.14
5A-5A-[66C]	5A	5A	[66C]	[66C]				QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	66536	2120	20	66734	2140										24.07	24.2	0.13
	[66C]	[66C]	5A	5A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	10	2450	874	10	2600	889										23.61	23.58	-0.03
12A-[48D]	12A	[48D]	[48D]	[48D]				QPSK	10	23095	707.5	1	49	10	5095	737.5	20	55340	3560	20	55538	3580	20	55736	3600										23.81	23.84	0.03
13A-48A-[66B]	13A	48A	[66B]	[66B]				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	10	66486	2115	10	66585	2125										23.89	23.76	-0.13
	[66B]	[66B]	13A	48A				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	10	5230	751	20	55340	3560										23.77	23.77	0
13A-[48A]-66B	13A	[48A]	66B	66B				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	10	66486	2115	10	66585	2125										23.89	23.87	-0.02
	66B	66B	13A	[48A]				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	10	5230	751	20	55340	3560										23.77	23.7	-0.07
13A-[48A]-[66B]	13A	[48A]	[66B]	[66B]				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	10	66486	2115	10	66585	2125										23.89	23.8	-0.09
	[66B]	[66B]	13A	[48A]				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	10	5230	751	20	55340	3560										23.77	23.71	-0.06
13A-48A-[66C]	13A	48A	[66C]	[66C]				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	66536	2120	20	66734	2140										23.89	23.88	-0.01
	[66C]	[66C]	13A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	10	5230	751	20	55340	3560										23.61	23.53	-0.08
13A-[48A]-66C	13A	[48A]	66C	66C				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	66536	2120	20	66734	2140										23.89	24.02	0.13
	66C	66C	13A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	10	5230	751	20	55340	3560										23.61	23.68	0.07

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
13A-[48A]-[66C]	13A	[48A]	[66C]	[66C]				QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	66536	2120	20	66734	2140										23.89	23.86	-0.03
	[66C]	[66C]	13A	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	10	5230	751	20	55340	3560										23.61	23.49	-0.12
25A-[41D]	25A	[41D]	[41D]	[41D]				QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656	20	41451	2676										23.62	23.69	0.07
[25A]-41D	[25A]	41D	41D	41D				QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656	20	41451	2676										23.62	23.75	0.13
[25A]-[41D]	[25A]	[41D]	[41D]	[41D]				QPSK	20	26140	1860	1	0	20	8140	1940	20	41055	2637	20	41253	2656	20	41451	2676										23.62	23.48	-0.14
29A-30A-[66A]-66A	30A	29A	[66A]	66A				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.28	0.02
	[66A]	66A	29A	30A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.52	-0.09
	66A	[66A]	29A	30A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.68	0.07
29A-30A-[66A]-[66A]	30A	29A	[66A]	[66A]				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.38	0.12
	[66A]	[66A]	29A	30A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.61	0
29A-[30A]-66A-66A	[30A]	29A	66A	66A				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.13	-0.13
	66A	66A	29A	[30A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.76	0.15
29A-[30A]-[66A]-66A	[30A]	29A	[66A]	66A				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.41	0.15
	[66A]	66A	29A	[30A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.62	0.01
	66A	[66A]	29A	[30A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.69	0.08
29A-[30A]-[66A]-[66A]	[30A]	29A	[66A]	[66A]				QPSK	10	27710	2310	1	0	10	9820	2355	10	9715	722.5	20	66536	2120	20	67036	2170										23.26	23.39	0.13
	[66A]	[66A]	29A	[30A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	9715	722.5	10	9820	2355										23.61	23.74	0.13
[48A]-48A-66A-66A	66A	66A	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.52	-0.09
48A-48A-[66A]-66A	[66A]	66A	48A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.6	-0.01
	66A	[66A]	48A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.56	-0.05
[48A]-[48A]-66A-66A	66A	66A	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.57	-0.04
[48A]-48A-[66A]-66A	[66A]	66A	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.65	0.04
	66A	[66A]	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.73	0.12
48A-48A-[66A]-[66A]	[66A]	[66A]	48A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.7	0.09
[48A]-[48A]-[66A]-66A	[66A]	66A	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.47	-0.14
	66A	[66A]	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.58	-0.03
[48A]-48A-[66A]-[66A]	[66A]	[66A]	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.53	-0.08
[48A]-[48A]-[66A]-[66A]	[66A]	[66A]	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	55340	3560	20	56640	3690										23.61	23.54	-0.07
48A-48A-[66B]	[66B]	[66B]	48A	48A				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56640	3690										23.77	23.79	0.02
[48A]-48A-66B	66B	66B	[48A]	48A				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56640	3690										23.77	23.73	-0.04
[48A]-48A-[66B]	[66B]	[66B]	[48A]	48A				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56640	3690										23.77	23.79	0.02
[48A]-[48A]-66B	66B	66B	[48A]	[48A]				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56640	3690										23.77	23.71	-0.06
[48A]-[48A]-[66B]	[66B]	[66B]	[48A]	[48A]				QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56640	3690										23.77	23.68	-0.09
48A-48A-[66C]	[66C]	[66C]	48A	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56640	3690										23.61	23.6	-0.01
[48A]-48A-66C	66C	66C	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56640	3690										23.61	23.71	0.1
[48A]-48A-[66C]	[66C]	[66C]	[48A]	48A				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56640	3690										23.61	23.62	0.01
[48A]-[48A]-66C	66C	66C	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56640	3690										23.61	23.55	-0.06
[48A]-[48A]-[66C]	[66C]	[66C]	[48A]	[48A]				QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56640	3690										23.61	23.69	0.08
48A-[48D]	48A	[48D]	[48D]	[48D]				QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686										23.85	23.91	0.06
	[48D]	[48D]	[48D]	48A				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56640	3690										23.85	23.71	-0.14
[48A]-48D	[48A]	48D	48D	48D				QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686										23.85	23.74	-0.11
	48D	48D	48D	[48A]				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56640	3690										23.85	23.72	-0.13
[48A]-[48D]	[48A]	[48D]	[48D]	[48D]				QPSK	20	55340	3560	1	49	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686										23.85	23.8	-0.05
	[48D]	[48D]	[48D]	[48A]				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56640	3690										23.85	23.77	-0.08
[48C]-48C	[48C]	[48C]	48C	48C				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667										23.85	23.97	0.12
	48C	48C	[48C]	[48C]				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667										23.85	23.94	0.09
[48C]-[48C]	[48C]	[48C]	[48C]	[48C]				QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667										23.85	23.8	-0.05
2A-2A-5A-30A-[66A]	2A	2A	5A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.62	-0.02
	5A	2A	2A	30A	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.19	0.12
	30A	2A	2A	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.12	-0.14
	[66A]	2A	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.62	0.01
2A-2A-5A-[30A]-66A	2A	2A	5A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.6	-0.04
	5A	2A	2A	[30A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.19	0.12
	[30A]	2A	2A	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.21	-0.05
	66A	2A	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.46	-0.15
2A-2A-5A-[30A]-[66A]	2A	2A	5A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.52	-0.12
	5A	2A	2A	[30A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	23.93	-0.14
	[30A]	2A	2A	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.15	-0.11
	[66A]	2A	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.59	-0.02
[2A]-2A-5A-30A-66A	[2A]	2A	5A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.67	0.03
	2A	[2A]	5A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.62	-0.02
	5A	[2A]	2A	30A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.03	-0.04
	30A	[2A]	2A	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.23	-0.03
	66A	[2A]	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.68	0.07

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-2A-5A-30A-[66A]	[2A]	2A	5A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.49	-0.15
	2A	[2A]	5A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	5A	[2A]	2A	30A	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	23.98	-0.09
	30A	[2A]	2A	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.32	0.06
	[66A]	[2A]	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.55	-0.06
[2A]-2A-5A-[30A]-66A	[2A]	2A	5A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.71	0.07
	2A	[2A]	5A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	5A	[2A]	2A	[30A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	23.93	-0.14
	[30A]	[2A]	2A	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.33	0.07
	66A	[2A]	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.53	-0.08
[2A]-2A-5A-[30A]-[66A]	[2A]	2A	5A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.5	-0.14
	2A	[2A]	5A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.51	-0.13
	5A	[2A]	2A	[30A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	23.96	-0.11
	[30A]	[2A]	2A	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.28	0.02
	[66A]	[2A]	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.64	0.03
[2A]-[2A]-5A-30A-66A	[2A]	[2A]	5A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.65	0.01
	5A	[2A]	[2A]	30A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.07	0
	30A	[2A]	[2A]	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.33	0.07
	66A	[2A]	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.64	0.03
[2A]-[2A]-5A-30A-[66A]	[2A]	[2A]	5A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.69	0.05
	5A	[2A]	[2A]	30A	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.13	0.06
	30A	[2A]	[2A]	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.23	-0.03
	[66A]	[2A]	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.49	-0.12
[2A]-[2A]-5A-[30A]-66A	[2A]	[2A]	5A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.78	0.14
	5A	[2A]	[2A]	[30A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.16	0.09
	[30A]	[2A]	[2A]	5A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.25	-0.01
	66A	[2A]	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.59	-0.02
[2A]-[2A]-5A-[30A]-[66A]	[2A]	[2A]	5A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355	20	66536	2120							23.64	23.56	-0.08
	5A	[2A]	[2A]	[30A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							24.07	24.03	-0.04
	[30A]	[2A]	[2A]	5A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120							23.26	23.35	0.09
	[66A]	[2A]	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	2525	881.5	10	9820	2355							23.61	23.49	-0.12
[2A]-2A-5A-66A-66A	[2A]	2A	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.73	0.09
	2A	[2A]	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	5A	[2A]	2A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.09	0.02
	66A	66A	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.56	-0.05
2A-2A-5A-[66A]-66A	2A	2A	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.49	-0.15
	5A	2A	2A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.1	0.03
	[66A]	66A	2A	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.56	-0.05
	66A	[66A]	2A	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.5	-0.11
[2A]-[2A]-5A-66A-66A	[2A]	[2A]	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.64	0
	5A	[2A]	[2A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.21	0.14
	66A	66A	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.48	-0.13
[2A]-2A-5A-[66A]-66A	[2A]	2A	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.67	0.03
	2A	[2A]	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.54	-0.1
	5A	[2A]	2A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.17	0.1
	[66A]	66A	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.72	0.11
	66A	[66A]	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.65	0.04
2A-2A-5A-[66A]-[66A]	2A	2A	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.75	0.11
	5A	2A	2A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	23.95	-0.12
	[66A]	[66A]	2A	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.6	-0.01
[2A]-[2A]-5A-[66A]-66A	[2A]	[2A]	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.77	0.13
	5A	[2A]	[2A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24.16	0.09
	[66A]	66A	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.46	-0.15
	66A	[66A]	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.67	0.06
[2A]-2A-5A-[66A]-[66A]	[2A]	2A	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	2A	[2A]	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.78	0.14
	5A	[2A]	2A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	23.94	-0.13
	[66A]	[66A]	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.62	0.01
[2A]-[2A]-5A-[66A]-[66A]	[2A]	[2A]	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.49	-0.15
	5A	[2A]	[2A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							24.07	24	-0.07
	[66A]	[66A]	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.49	-0.12
2A-2A-5A-[66B]	2A	2A	5A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.54	-0.1
	5A	2A	2A	[66B]	[66B]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	24.15	0.08
	[66B]	[66B]	2A	2A	5A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	2525	881.5							23.77	23.65	-0.12

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-2A-5A-66B	[2A]	2A	5A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.5	-0.14
	2A	[2A]	5A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.71	0.07
	5A	[2A]	2A	66B	66B			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	24.09	0.02
	66B	66B	[2A]	2A	5A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	2525	881.5							23.77	23.72	-0.05
[2A]-2A-5A-[66B]	[2A]	2A	5A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.54	-0.1
	2A	[2A]	5A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.59	-0.05
	5A	[2A]	2A	[66B]	[66B]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	23.97	-0.1
	[66B]	[66B]	[2A]	2A	5A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	2525	881.5							23.77	23.74	-0.03
[2A]-[2A]-5A-66B	[2A]	[2A]	5A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.68	0.04
	5A	[2A]	[2A]	66B	66B			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	23.94	-0.13
	66B	66B	[2A]	[2A]	5A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	2525	881.5							23.77	23.79	0.02
[2A]-[2A]-5A-[66B]	[2A]	[2A]	5A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	10	66486	2115	10	66585	2125							23.64	23.59	-0.05
	5A	[2A]	[2A]	[66B]	[66B]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							24.07	24.18	0.11
	[66B]	[66B]	[2A]	[2A]	5A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	2525	881.5							23.77	23.72	-0.05
2A-2A-5A-[66C]	2A	2A	5A	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.75	0.11
	5A	2A	2A	[66C]	[66C]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	24.2	0.13
	[66C]	[66C]	2A	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.76	0.15
[2A]-2A-5A-66C	[2A]	2A	5A	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.73	0.09
	2A	[2A]	5A	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.54	-0.1
	5A	[2A]	2A	66C	66C			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	23.95	-0.12
	66C	66C	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.61	0
[2A]-2A-5A-[66C]	[2A]	2A	5A	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.71	0.07
	2A	[2A]	5A	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.77	0.13
	5A	[2A]	2A	[66C]	[66C]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	24.19	0.12
	[66C]	[66C]	[2A]	2A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.66	0.05
[2A]-[2A]-5A-66C	[2A]	[2A]	5A	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.68	0.04
	5A	[2A]	[2A]	66C	66C			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	23.95	-0.12
	66C	66C	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.69	0.08
[2A]-[2A]-5A-[66C]	[2A]	[2A]	5A	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	2525	881.5	20	66536	2120	20	66734	2140							23.64	23.58	-0.06
	5A	[2A]	[2A]	[66C]	[66C]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	700	1940	20	1100	1980	20	66536	2120	20	66734	2140							24.07	24.02	-0.05
	[66C]	[66C]	[2A]	[2A]	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	700	1940	20	1100	1980	10	2525	881.5							23.61	23.57	-0.04
2A-2A-12A-30A-[66A]	2A	2A	12A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.52	-0.12
	12A	2A	2A	30A	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.85	0.04
	30A	2A	2A	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.11	-0.15
	[66A]	2A	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.73	0.12
2A-2A-12A-[30A]-66A	2A	2A	12A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	12A	2A	2A	[30A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.82	0.01
	[30A]	2A	2A	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.4	0.14
	66A	2A	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.65	0.04
2A-2A-12A-[30A]-[66A]	2A	2A	12A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.72	0.08
	12A	2A	2A	[30A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.7	-0.11
	[30A]	2A	2A	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.12	-0.14
	[66A]	2A	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.55	-0.06
[2A]-2A-12A-30A-66A	[2A]	2A	12A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.49	-0.15
	2A	[2A]	12A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.63	-0.01
	12A	[2A]	2A	30A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.83	0.02
	30A	[2A]	2A	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.39	0.13
	66A	[2A]	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.47	-0.14
[2A]-2A-12A-30A-[66A]	[2A]	2A	12A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.77	0.13
	2A	[2A]	12A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.63	-0.01
	12A	[2A]	2A	30A	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.68	-0.13
	30A	[2A]	2A	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.38	0.12
	[66A]	[2A]	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.66	0.05
[2A]-2A-12A-[30A]-66A	[2A]	2A	12A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.72	0.08
	2A	[2A]	12A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.54	-0.1
	12A	[2A]	2A	[30A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.77	-0.04
	[30A]	[2A]	2A	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.12	-0.14
	66A	[2A]	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.56	-0.05
[2A]-2A-12A-[30A]-[66A]	[2A]	2A	12A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.62	-0.02
	2A	[2A]	12A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.61	-0.03
	12A	[2A]	2A	[30A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.83	0.02
	[30A]	[2A]	2A	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.31	0.05
	[66A]	[2A]	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.58	-0.03
[2A]-[2A]-12A-30A-66A	[2A]	[2A]	12A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.59	-0.05
	12A	[2A]	[2A]	30A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.66	-0.15
	30A	[2A]	[2A]	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.35	0.09
	66A	[2A]	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.5	-0.11
[2A]-[2A]-12A-30A-[66A]	[2A]	[2A]	12A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	12A	[2A]	[2A]	30A	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.95	0.14
	30A	[2A]	[2A]	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.24	-0.02
	[66A]	[2A]	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.52	-0.09

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-[2A]-12A-[30A]-66A	[2A]	[2A]	12A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.49	-0.15
	12A	[2A]	[2A]	[30A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.79	-0.02
	[30A]	[2A]	[2A]	12A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.32	0.06
	66A	[2A]	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.5	-0.11
[2A]-[2A]-12A-[30A]-[66A]	[2A]	[2A]	12A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355	20	66536	2120							23.64	23.52	-0.12
	12A	[2A]	[2A]	[30A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.81	23.91	0.1
	[30A]	[2A]	[2A]	12A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120							23.26	23.25	-0.01
	[66A]	[2A]	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5095	737.5	10	9820	2355							23.61	23.58	-0.03
2A-2A-12A-[66A]-66A	2A	2A	12A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.77	0.13
	12A	2A	2A	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.75	-0.06
	[66A]	66A	2A	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.63	0.02
	66A	[66A]	2A	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.52	-0.09
2A-2A-12A-[66A]-[66A]	2A	2A	12A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.69	0.05
	12A	2A	2A	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.94	0.13
	[66A]	[66A]	2A	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.51	-0.1
[2A]-2A-12A-66A-66A	[2A]	2A	12A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.56	-0.08
	2A	[2A]	12A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	12A	[2A]	2A	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.74	-0.07
	66A	66A	[2A]	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.66	0.05
[2A]-2A-12A-[66A]-66A	[2A]	2A	12A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	2A	[2A]	12A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.65	0.01
	12A	[2A]	2A	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.7	-0.11
	[66A]	66A	[2A]	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.51	-0.1
	66A	[66A]	[2A]	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.49	-0.12
[2A]-2A-12A-[66A]-[66A]	[2A]	2A	12A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.68	0.04
	2A	[2A]	12A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.73	0.09
	12A	[2A]	2A	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.7	-0.11
	[66A]	[66A]	[2A]	2A	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.59	-0.02
[2A]-[2A]-12A-66A-66A	[2A]	[2A]	12A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	12A	[2A]	[2A]	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.84	0.03
	66A	66A	[2A]	[2A]	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.69	0.08
[2A]-[2A]-12A-[66A]-66A	[2A]	[2A]	12A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.7	0.06
	12A	[2A]	[2A]	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.93	0.12
	[66A]	66A	[2A]	[2A]	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.56	-0.05
	66A	[66A]	[2A]	[2A]	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.52	-0.09
[2A]-[2A]-12A-[66A]-[66A]	[2A]	[2A]	12A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5095	737.5	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	12A	[2A]	[2A]	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.81	23.74	-0.07
	[66A]	[66A]	[2A]	[2A]	12A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5095	737.5							23.61	23.5	-0.11
2A-2A-12B-[66A]	2A	2A	12B	12B	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.61	-0.03
	12B	12B	2A	2A	[66A]			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.67	0.1
	[66A]	2A	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.66	0.05
[2A]-2A-12B-66A	[2A]	2A	12B	12B	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.5	-0.14
	2A	[2A]	12B	12B	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.71	0.07
	12B	12B	[2A]	2A	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.64	0.07
	66A	[2A]	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.68	0.07
[2A]-2A-12B-[66A]	[2A]	2A	12B	12B	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.78	0.14
	2A	[2A]	12B	12B	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.7	0.06
	12B	12B	[2A]	2A	[66A]			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.57	0
	[66A]	[2A]	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.47	-0.14
[2A]-[2A]-12B-66A	[2A]	[2A]	12B	12B	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.67	0.03
	12B	12B	[2A]	[2A]	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.64	0.07
	66A	[2A]	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.62	0.01
[2A]-[2A]-12B-[66A]	[2A]	[2A]	12B	12B	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7	20	66536	2120							23.64	23.55	-0.09
	12B	12B	[2A]	[2A]	[66A]			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	700	1940	20	1100	1980	20	66536	2120							23.57	23.65	0.08
	[66A]	[2A]	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	5	5095	737.5	5	5047	732.7							23.61	23.65	0.04
[2A]-2A-13A-66A-66A	[2A]	2A	13A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.7	0.06
	2A	[2A]	13A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.64	0
	13A	[2A]	2A	66A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.87	-0.02
	66A	66A	[2A]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.49	-0.12

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-2A-13A-[66A]-66A	2A	2A	13A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.62	-0.02
	13A	2A	2A	[66A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.89	0
	[66A]	66A	2A	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.48	-0.13
	66A	[66A]	2A	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.62	0.01
[2A]-[2A]-13A-66A-66A	[2A]	[2A]	13A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	13A	[2A]	[2A]	66A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	24	0.11
	66A	66A	[2A]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.54	-0.07
[2A]-2A-13A-[66A]-66A	[2A]	2A	13A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.51	-0.13
	2A	[2A]	13A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.5	-0.14
	13A	[2A]	2A	[66A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.93	0.04
	[66A]	66A	[2A]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.61	0
	66A	[66A]	[2A]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.65	0.04
2A-2A-13A-[66A]-[66A]	2A	2A	13A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	13A	2A	2A	[66A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.79	-0.1
	[66A]	[66A]	2A	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.74	0.13
[2A]-[2A]-13A-[66A]-66A	[2A]	[2A]	13A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	13A	[2A]	[2A]	[66A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.85	-0.04
	[66A]	66A	[2A]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.6	-0.01
	66A	[66A]	[2A]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.57	-0.04
[2A]-2A-13A-[66A]-[66A]	[2A]	2A	13A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.6	-0.04
	2A	[2A]	13A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.79	0.15
	13A	[2A]	2A	[66A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	24.04	0.15
	[66A]	[66A]	[2A]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.63	0.02
[2A]-[2A]-13A-[66A]-[66A]	[2A]	[2A]	13A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	20	66536	2120	20	67036	2170							23.64	23.79	0.15
	13A	[2A]	[2A]	[66A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.89	23.74	-0.15
	[66A]	[66A]	[2A]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5230	751							23.61	23.5	-0.11
2A-2A-13A-[66B]	2A	2A	13A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.77	0.13
	13A	2A	2A	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.89	0
	[66B]	[66B]	2A	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	5230	751							23.77	23.91	0.14
[2A]-2A-13A-66B	[2A]	2A	13A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.5	-0.14
	2A	[2A]	13A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.58	-0.06
	13A	[2A]	2A	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.81	-0.08
	66B	66B	[2A]	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	5230	751							23.77	23.71	-0.06
[2A]-2A-13A-[66B]	[2A]	2A	13A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.6	-0.04
	2A	[2A]	13A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.65	0.01
	13A	[2A]	2A	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.96	0.07
	[66B]	[66B]	[2A]	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	5230	751							23.77	23.92	0.15
[2A]-[2A]-13A-66B	[2A]	[2A]	13A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.56	-0.08
	13A	[2A]	[2A]	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.87	-0.02
	66B	66B	[2A]	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	5230	751							23.77	23.88	0.11
[2A]-[2A]-13A-[66B]	[2A]	[2A]	13A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5230	751	10	66486	2115	10	66585	2125							23.64	23.74	0.1
	13A	[2A]	[2A]	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	700	1940	20	1100	1980	10	66486	2115	10	66585	2125							23.89	23.93	0.04
	[66B]	[66B]	[2A]	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	700	1940	20	1100	1980	10	5230	751							23.77	23.78	0.01
2A-2A-14A-30A-[66A]	2A	2A	14A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.67	0.03
	14A	2A	2A	30A	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.94	0.11
	30A	2A	2A	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.37	0.11
	[66A]	2A	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.72	0.11
2A-2A-14A-[30A]-66A	2A	2A	14A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.68	0.04
	14A	2A	2A	[30A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.81	-0.02
	[30A]	2A	2A	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.13	-0.13
	66A	2A	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.7	0.09
2A-2A-14A-[30A]-[66A]	2A	2A	14A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.57	-0.07
	14A	2A	2A	[30A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.96	0.13
	[30A]	2A	2A	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.38	0.12
	[66A]	2A	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.61	0
[2A]-2A-14A-30A-66A	[2A]	2A	14A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.63	-0.01
	2A	[2A]	14A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.68	0.04
	14A	[2A]	2A	30A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.83	0
	30A	[2A]	2A	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.19	-0.07
	66A	[2A]	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.74	0.13
[2A]-2A-14A-30A-[66A]	[2A]	2A	14A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.53	-0.11
	2A	[2A]	14A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.68	0.04
	14A	[2A]	2A	30A	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.97	0.14
	30A	[2A]	2A	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.28	0.02
	[66A]	[2A]	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.64	0.03

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-2A-14A-[30A]-66A	[2A]	2A	14A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.74	0.1
	2A	[2A]	14A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.7	0.06
	14A	[2A]	2A	[30A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.76	-0.07
	[30A]	[2A]	2A	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.18	-0.08
	66A	[2A]	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.57	-0.04
[2A]-2A-14A-[30A]-[66A]	[2A]	2A	14A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.64	0
	2A	[2A]	14A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.55	-0.09
	14A	[2A]	2A	[30A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.68	-0.15
	[30A]	[2A]	2A	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.35	0.09
	[66A]	[2A]	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.53	-0.08
[2A]-[2A]-14A-30A-66A	[2A]	[2A]	14A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.54	-0.1
	14A	[2A]	[2A]	30A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.76	-0.07
	30A	[2A]	[2A]	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.11	-0.15
	66A	[2A]	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.51	-0.1
[2A]-[2A]-14A-30A-[66A]	[2A]	[2A]	14A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.71	0.07
	14A	[2A]	[2A]	30A	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.72	-0.11
	30A	[2A]	[2A]	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.35	0.09
	[66A]	[2A]	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.5	-0.11
[2A]-[2A]-14A-[30A]-66A	[2A]	[2A]	14A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.58	-0.06
	14A	[2A]	[2A]	[30A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.69	-0.14
	[30A]	[2A]	[2A]	14A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.12	-0.14
	66A	[2A]	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.68	0.07
[2A]-[2A]-14A-[30A]-[66A]	[2A]	[2A]	14A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355	20	66536	2120							23.64	23.71	0.07
	14A	[2A]	[2A]	[30A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	10	9820	2355	20	66536	2120							23.83	23.84	0.01
	[30A]	[2A]	[2A]	14A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120							23.26	23.25	-0.01
	[66A]	[2A]	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	5330	763	10	9820	2355							23.61	23.46	-0.15
2A-2A-14A-[66A]-66A	2A	2A	14A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.55	-0.09
	14A	2A	2A	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.94	0.11
	[66A]	66A	2A	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.65	0.04
	66A	[66A]	2A	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.76	0.15
2A-2A-14A-[66A]-[66A]	2A	2A	14A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.79	0.15
	14A	2A	2A	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.89	0.06
	[66A]	[66A]	2A	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.47	-0.14
[2A]-2A-14A-66A-66A	[2A]	2A	14A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.75	0.11
	2A	[2A]	14A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.54	-0.1
	14A	[2A]	2A	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.85	0.02
	66A	66A	[2A]	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.55	-0.06
[2A]-2A-14A-[66A]-66A	[2A]	2A	14A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	2A	[2A]	14A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.71	0.07
	14A	[2A]	2A	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.77	-0.06
	[66A]	66A	[2A]	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.6	-0.01
	66A	[66A]	[2A]	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.7	0.09
[2A]-2A-14A-[66A]-[66A]	[2A]	2A	14A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.56	-0.08
	2A	[2A]	14A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.57	-0.07
	14A	[2A]	2A	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.83	0
	[66A]	[66A]	[2A]	2A	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.65	0.04
[2A]-[2A]-14A-66A-66A	[2A]	[2A]	14A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.69	0.05
	14A	[2A]	[2A]	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.79	-0.04
	66A	66A	[2A]	[2A]	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.56	-0.05
[2A]-[2A]-14A-[66A]-66A	[2A]	[2A]	14A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	14A	[2A]	[2A]	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.82	-0.01
	[66A]	66A	[2A]	[2A]	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.65	0.04
	66A	[66A]	[2A]	[2A]	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.74	0.13
[2A]-[2A]-14A-[66A]-[66A]	[2A]	[2A]	14A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	5330	763	20	66536	2120	20	67036	2170							23.64	23.61	-0.03
	14A	[2A]	[2A]	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	700	1940	20	1100	1980	20	66536	2120	20	67036	2170							23.83	23.95	0.12
	[66A]	[66A]	[2A]	[2A]	14A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	5330	763							23.61	23.55	-0.06
2A-2A-29A-30A-[66A]	2A	2A	29A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.77	0.13
	30A	2A	2A	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.18	-0.08
	[66A]	2A	2A	29A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.5	-0.11
2A-2A-29A-[30A]-66A	2A	2A	29A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.73	0.09
	[30A]	2A	2A	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.25	-0.01
	66A	2A	2A	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.52	-0.09
2A-2A-29A-[30A]-[66A]	2A	2A	29A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.59	-0.05
	[30A]	2A	2A	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.23	-0.03
	[66A]	2A	2A	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.48	-0.13
[2A]-2A-29A-30A-66A	[2A]	2A	29A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.69	0.05
	2A	[2A]	29A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.68	0.04
	30A	[2A]	2A	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.33	0.07
	66A	[2A]	2A	29A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.47	-0.14

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands PCC 1st	Bands SCC1 2nd	Bands SCC2 3rd	Bands SCC3 4th	Bands SCC4 5th	Bands SCC5 6th	Bands SCC6 7th	UL PCC Mode	UL PCC BW (MHz)	UL PCC Channel	UL PCC Freq. (MHz)	UL PCC RB allocation	UL PCC RB offset	DL PCC BW (MHz)	DL PCC Channel	DL PCC Freq. (MHz)	DL SCC1 BW (MHz)	DL SCC1 Channel	DL SCC1 Freq. (MHz)	DL SCC2 BW (MHz)	DL SCC2 Channel	DL SCC2 Freq. (MHz)	DL SCC3 BW (MHz)	DL SCC3 Channel	DL SCC3 Freq. (MHz)	DL SCC4 BW (MHz)	DL SCC4 Channel	DL SCC4 Freq. (MHz)	DL SCC5 BW (MHz)	DL SCC5 Channel	DL SCC5 Freq. (MHz)	DL SCC6 BW (MHz)	DL SCC6 Channel	DL SCC6 Freq. (MHz)	LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
[2A]-2A-29A-30A-[66A]	[2A]	2A	29A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.6	-0.04
	2A	[2A]	29A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.71	0.07
	30A	[2A]	2A	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.34	0.08
	[66A]	[2A]	2A	29A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.68	0.07
[2A]-2A-29A-[30A]-66A	[2A]	2A	29A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.75	0.11
	2A	[2A]	29A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.75	0.11
	[30A]	[2A]	2A	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.24	-0.02
	66A	[2A]	2A	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.74	0.13
[2A]-2A-29A-[30A]-[66A]	[2A]	2A	29A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.67	0.03
	2A	[2A]	29A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.74	0.1
	[30A]	[2A]	2A	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.14	-0.12
	[66A]	[2A]	2A	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.48	-0.13
[2A]-[2A]-29A-30A-66A	[2A]	[2A]	29A	30A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.74	0.1
	30A	[2A]	[2A]	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.23	-0.03
	66A	[2A]	[2A]	29A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.63	0.02
[2A]-[2A]-29A-30A-[66A]	[2A]	[2A]	29A	30A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.7	0.06
	30A	[2A]	[2A]	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.36	0.1
	[66A]	[2A]	[2A]	29A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.54	-0.07
[2A]-[2A]-29A-[30A]-66A	[2A]	[2A]	29A	[30A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.62	-0.02
	[30A]	[2A]	[2A]	29A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.21	-0.05
	66A	[2A]	[2A]	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.67	0.06
[2A]-[2A]-29A-[30A]-[66A]	[2A]	[2A]	29A	[30A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.76	0.12
	[30A]	[2A]	[2A]	29A	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	700	1940	20	1100	1980	10	9715	722.5	20	66536	2120							23.26	23.17	-0.09
	[66A]	[2A]	[2A]	29A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355							23.61	23.57	-0.04
2A-2A-29A-[66A]-66A	2A	2A	29A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.7	0.06
	[66A]	66A	2A	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.56	-0.05
	66A	[66A]	2A	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.46	-0.15
2A-2A-29A-[66A]-[66A]	2A	2A	29A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.74	0.1
	[66A]	[66A]	2A	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.53	-0.08
[2A]-2A-29A-66A-66A	[2A]	2A	29A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.57	-0.07
	2A	[2A]	29A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.61	-0.03
	66A	66A	[2A]	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.74	0.13
[2A]-2A-29A-[66A]-66A	[2A]	2A	29A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.72	0.08
	2A	[2A]	29A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.53	-0.11
	[66A]	66A	[2A]	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.69	0.08
	66A	[66A]	[2A]	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.63	0.02
[2A]-2A-29A-[66A]-[66A]	[2A]	2A	29A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.61	-0.03
	2A	[2A]	29A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.69	0.05
	[66A]	[66A]	[2A]	2A	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.52	-0.09
[2A]-[2A]-29A-66A-66A	[2A]	[2A]	29A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.57	-0.07
	66A	66A	[2A]	[2A]	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.62	0.01
[2A]-[2A]-29A-[66A]-66A	[2A]	[2A]	29A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.51	-0.13
	[66A]	66A	[2A]	[2A]	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.66	0.05
	66A	[66A]	[2A]	[2A]	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.54	-0.07
[2A]-[2A]-29A-[66A]-[66A]	[2A]	[2A]	29A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	10	9715	722.5	10	9820	2355	20	66536	2120							23.64	23.72	0.08
	[66A]	[66A]	[2A]	[2A]	29A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	700	1940	20	1100	1980	10	9715	722.5							23.61	23.58	-0.03
[2A]-2A-46D	[2A]	2A	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557	20	51061	5577							23.64	23.58	-0.06
	2A	[2A]	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557	20	51061	5577							23.64	23.76	0.12
[2A]-[2A]-46D	[2A]	[2A]	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	1100	1980	20	50665	5538	20	50863	5557	20	51061	5577							23.64	23.75	0.11
[2A]-5A-5A-66A-66A	[2A]	5A	5A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.62	-0.02
	5A	5A	[2A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.13	0.06
	5A	5A	[2A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.02	-0.05
	66A	66A	[2A]	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.66	0.05
2A-5A-5A-[66A]-66A	2A	5A	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.56	-0.08
	5A	5A	2A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.07	0
	[66A]	66A	2A	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.69	0.08
	66A	[66A]	2A	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.71	0.1
[2A]-5A-5A-[66A]-66A	[2A]	5A	5A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.56	-0.08
	5A	5A	[2A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.22	0.15
	[66A]	66A	[2A]	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.57	-0.04
	66A	[66A]	[2A]	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.75	0.14
2A-5A-5A-[66A]-[66A]	2A	5A	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.72	0.08
	5A	5A	2A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.1	0.03
	[66A]	[66A]	2A	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.72	0.11
[2A]-5A-5A-[66A]-[66A]	[2A]	5A	5A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	2525	881.5	20	66536	2120	20	67036	2170							23.64	23.68	0.04
	5A	5A	[2A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2625	891.5	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.07	0
	[66A]	[66A]	[2A]	5A	5A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2450	874	10	2600	889							23.61	23.68	0.07

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-5A-30A-[66A]-66A	2A	5A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.65	0.01
	5A	2A	30A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.1	0.03
	30A	2A	5A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.15	-0.11
	[66A]	66A	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.48	-0.13
	66A	[66A]	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.65	0.04
2A-5A-30A-[66A]-[66A]	2A	5A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.78	0.14
	5A	2A	30A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.21	0.14
	30A	2A	5A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.26	0
	[66A]	[66A]	2A	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.64	0.03
2A-5A-[30A]-66A-66A	2A	5A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.64	0
	5A	2A	[30A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.19	0.12
	[30A]	2A	5A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.32	0.06
	66A	66A	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.52	-0.09
2A-5A-[30A]-[66A]-66A	2A	5A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	5A	2A	[30A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.21	0.14
	[30A]	2A	5A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.37	0.11
	[66A]	66A	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.64	0.03
	66A	[66A]	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.63	0.02
2A-5A-[30A]-[66A]-[66A]	2A	5A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.77	0.13
	5A	2A	[30A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	23.93	-0.14
	[30A]	2A	5A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.13	-0.13
	[66A]	[66A]	2A	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.47	-0.14
[2A]-5A-30A-66A-66A	[2A]	5A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.68	0.04
	5A	[2A]	30A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	23.97	-0.1
	30A	[2A]	5A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.33	0.07
	66A	66A	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.49	-0.12
[2A]-5A-30A-[66A]-66A	[2A]	5A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	5A	[2A]	30A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.22	0.15
	30A	[2A]	5A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.2	-0.06
	[66A]	66A	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.5	-0.11
	66A	[66A]	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.46	-0.15
[2A]-5A-30A-[66A]-[66A]	[2A]	5A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.72	0.08
	5A	[2A]	30A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.09	0.02
	30A	[2A]	5A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.28	0.02
	[66A]	[66A]	[2A]	5A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.69	0.08
[2A]-5A-[30A]-66A-66A	[2A]	5A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.75	0.11
	5A	[2A]	[30A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.12	0.05
	[30A]	[2A]	5A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.15	-0.11
	66A	66A	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.75	0.14
[2A]-5A-[30A]-[66A]-66A	[2A]	5A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	5A	[2A]	[30A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.07	0
	[30A]	[2A]	5A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.24	-0.02
	[66A]	66A	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.55	-0.06
	66A	[66A]	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.46	-0.15
[2A]-5A-[30A]-[66A]-[66A]	[2A]	5A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.51	-0.13
	5A	[2A]	[30A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							24.07	24.02	-0.05
	[30A]	[2A]	5A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	2525	881.5	20	66536	2120	20	67036	2170							23.26	23.22	-0.04
	[66A]	[66A]	[2A]	5A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	10	9820	2355							23.61	23.66	0.05
[2A]-5A-46A-66A-66A	[2A]	5A	46A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.51	-0.13
	5A	[2A]	46A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	24.06	-0.01
	66A	66A	[2A]	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.52	-0.09
2A-5A-46A-[66A]-66A	2A	5A	46A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	5A	2A	46A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	24.21	0.14
	[66A]	66A	2A	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.53	-0.08
	66A	[66A]	2A	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.49	-0.12
[2A]-5A-46A-[66A]-66A	[2A]	5A	46A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.73	0.09
	5A	[2A]	46A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	24.05	-0.02
	[66A]	66A	[2A]	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.67	0.06
	66A	[66A]	[2A]	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.61	0
2A-5A-46A-[66A]-[66A]	2A	5A	46A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.54	-0.1
	5A	2A	46A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	23.98	-0.09
	[66A]	[66A]	2A	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.69	0.08
[2A]-5A-46A-[66A]-[66A]	[2A]	5A	46A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.72	0.08
	5A	[2A]	46A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							24.07	23.98	-0.09
	[66A]	[66A]	[2A]	5A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538							23.61	23.52	-0.09
2A-5A-48A-[66A]-66A	2A	5A	48A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.57	-0.07
	5A	2A	48A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	23.94	-0.13
	[66A]	66A	2A	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.73	0.12
	66A	[66A]	2A	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.52	-0.09

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-5A-48A-[66A]-[66A]	2A	5A	48A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.5	-0.14
	5A	2A	48A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.15	0.08
	[66A]	[66A]	2A	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.73	0.12
2A-5A-[48A]-66A-66A	2A	5A	[48A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.65	0.01
	5A	2A	[48A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	23.93	-0.14
	66A	66A	2A	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.47	-0.14
2A-5A-[48A]-[66A]-66A	2A	5A	[48A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.54	-0.1
	5A	2A	[48A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	23.94	-0.13
	[66A]	66A	2A	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.74	0.13
	66A	[66A]	2A	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.58	-0.03
2A-5A-[48A]-[66A]-[66A]	2A	5A	[48A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.5	-0.14
	5A	2A	[48A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.17	0.1
	[66A]	[66A]	2A	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.71	0.1
[2A]-5A-48A-66A-66A	[2A]	5A	48A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	5A	[2A]	48A	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.05	-0.02
	66A	66A	[2A]	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.52	-0.09
[2A]-5A-48A-[66A]-66A	[2A]	5A	48A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	5A	[2A]	48A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	23.93	-0.14
	[66A]	66A	[2A]	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.75	0.14
	66A	[66A]	[2A]	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.64	0.03
[2A]-5A-48A-[66A]-[66A]	[2A]	5A	48A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	5A	[2A]	48A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.04	-0.03
	[66A]	[66A]	[2A]	5A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.62	0.01
[2A]-5A-[48A]-66A-66A	[2A]	5A	[48A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.55	-0.09
	5A	[2A]	[48A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.1	0.03
	66A	66A	[2A]	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.66	0.05
[2A]-5A-[48A]-[66A]-66A	[2A]	5A	[48A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.78	0.14
	5A	[2A]	[48A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	23.96	-0.11
	[66A]	66A	[2A]	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.76	0.15
	66A	[66A]	[2A]	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.57	-0.04
[2A]-5A-[48A]-[66A]-[66A]	[2A]	5A	[48A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	66536	2120	20	67036	2170							23.64	23.58	-0.06
	5A	[2A]	[48A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	66536	2120	20	67036	2170							24.07	24.03	-0.04
	[66A]	[66A]	[2A]	5A	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560							23.61	23.76	0.15
2A-5A-[48D]	2A	5A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.75	0.11
	5A	2A	[48D]	[48D]	[48D]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							24.07	24.05	-0.02
[2A]-5A-48D	[2A]	5A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.56	-0.08
	5A	[2A]	48D	48D	48D			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							24.07	23.92	-0.15
[2A]-5A-[48D]	[2A]	5A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.51	-0.13
	5A	[2A]	[48D]	[48D]	[48D]			QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							24.07	24.16	0.09
2A-5B-[66A]-66A	2A	5B	5B	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	5B	5B	2A	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.07	0
	[66A]	66A	2A	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.55	-0.06
	66A	[66A]	2A	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.7	0.09
2A-5B-[66A]-[66A]	2A	5B	5B	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.49	-0.15
	5B	5B	2A	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.19	0.12
	[66A]	[66A]	2A	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.76	0.15
[2A]-5B-66A-66A	[2A]	5B	5B	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.65	0.01
	5B	5B	[2A]	66A	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.1	0.03
	66A	66A	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.73	0.12
[2A]-5B-[66A]-66A	[2A]	5B	5B	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	5B	5B	[2A]	[66A]	66A			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24	-0.07
	[66A]	66A	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.59	-0.02
	66A	[66A]	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.62	0.01
[2A]-5B-[66A]-[66A]	[2A]	5B	5B	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	67036	2170							23.64	23.58	-0.06
	5B	5B	[2A]	[66A]	[66A]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	67036	2170							24.07	24.05	-0.02
	[66A]	[66A]	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.58	-0.03
2A-5B-[66B]	2A	5B	5B	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	10	66486	2115	10	66585	2125							23.64	23.55	-0.09
	5B	5B	2A	[66B]	[66B]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	10	66486	2115	10	66585	2125							24.07	24	-0.07
	[66B]	[66B]	2A	5B	5B			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	900	1960	10	2525	881.5	5	2453	874.3							23.77	23.81	0.04
[2A]-5B-66B	[2A]	5B	5B	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	10	66486	2115	10	66585	2125							23.64	23.55	-0.09
	5B	5B	[2A]	66B	66B			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	10	66486	2115	10	66585	2125							24.07	24.1	0.03
	66B	66B	[2A]	5B	5B			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	900	1960	10	2525	881.5	5	2453	874.3							23.77	23.64	-0.13
[2A]-5B-[66B]	[2A]	5B	5B	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	10	66486	2115	10	66585	2125							23.64	23.51	-0.13
	5B	5B	[2A]	[66B]	[66B]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	10	66486	2115	10	66585	2125							24.07	24.19	0.12
	[66B]	[66B]	[2A]	5B	5B			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	900	1960	10	2525	881.5	5	2453	874.3							23.77	23.66	-0.11

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-5B-[66C]	2A	5B	5B	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	66734	2140							23.64	23.51	-0.13
	5B	5B	2A	[66C]	[66C]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	66734	2140							24.07	24	-0.07
	[66C]	[66C]	2A	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.59	-0.02
[2A]-5B-66C	[2A]	5B	5B	66C	66C			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	66734	2140							23.64	23.72	0.08
	5B	5B	[2A]	66C	66C			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	66734	2140							24.07	23.92	-0.15
	66C	66C	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.72	0.11
[2A]-5B-[66C]	[2A]	5B	5B	[66C]	[66C]			QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	5	2453	874.3	20	66536	2120	20	66734	2140							23.64	23.63	-0.01
	5B	5B	[2A]	[66C]	[66C]			QPSK	10	20525	836.5	1	49	10	2525	881.5	5	2453	874.3	20	900	1960	20	66536	2120	20	66734	2140							24.07	24.18	0.11
	[66C]	[66C]	[2A]	5B	5B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	900	1960	10	2525	881.5	5	2453	874.3							23.61	23.57	-0.04
2A-12A-30A-[66A]-66A	2A	12A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.62	-0.02
	12A	2A	30A	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.76	-0.05
	30A	2A	12A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.17	-0.09
	[66A]	66A	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.46	-0.15
	66A	[66A]	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.72	0.11
2A-12A-30A-[66A]-[66A]	2A	12A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.67	0.03
	12A	2A	30A	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.95	0.14
	30A	2A	12A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.14	-0.12
	[66A]	[66A]	2A	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.68	0.07
2A-12A-[30A]-66A-66A	2A	12A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.51	-0.13
	12A	2A	[30A]	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.84	0.03
	[30A]	2A	12A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.26	0
	66A	66A	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.76	0.15
2A-12A-[30A]-[66A]-66A	2A	12A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.5	-0.14
	12A	2A	[30A]	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.91	0.1
	[30A]	2A	12A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.2	-0.06
	[66A]	66A	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.52	-0.09
	66A	[66A]	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.52	-0.09
2A-12A-[30A]-[66A]-[66A]	2A	12A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.53	-0.11
	12A	2A	[30A]	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.74	-0.07
	[30A]	2A	12A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.29	0.03
	[66A]	[66A]	2A	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.75	0.14
[2A]-12A-30A-66A-66A	[2A]	12A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.77	0.13
	12A	[2A]	30A	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.82	0.01
	30A	[2A]	12A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.24	-0.02
	66A	66A	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.53	-0.08
[2A]-12A-30A-[66A]-66A	[2A]	12A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.54	-0.1
	12A	[2A]	30A	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.79	-0.02
	30A	[2A]	12A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.38	0.12
	[66A]	66A	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.62	0.01
	66A	[66A]	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.5	-0.11
[2A]-12A-30A-[66A]-[66A]	[2A]	12A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.79	0.15
	12A	[2A]	30A	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.82	0.01
	30A	[2A]	12A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.28	0.02
	[66A]	[66A]	[2A]	12A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.53	-0.08
[2A]-12A-[30A]-66A-66A	[2A]	12A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	12A	[2A]	[30A]	66A	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.68	-0.13
	[30A]	[2A]	12A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.19	-0.07
	66A	66A	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.76	0.15
[2A]-12A-[30A]-[66A]-66A	[2A]	12A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.51	-0.13
	12A	[2A]	[30A]	[66A]	66A			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.92	0.11
	[30A]	[2A]	12A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.32	0.06
	[66A]	66A	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.75	0.14
	66A	[66A]	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.63	0.02
[2A]-12A-[30A]-[66A]-[66A]	[2A]	12A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5095	737.5	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.52	-0.12
	12A	[2A]	[30A]	[66A]	[66A]			QPSK	10	23095	707.5	1	49	10	5095	737.5	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.81	23.84	0.03
	[30A]	[2A]	12A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5095	737.5	20	66536	2120	20	67036	2170							23.26	23.21	-0.05
	[66A]	[66A]	[2A]	12A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5095	737.5	10	9820	2355							23.61	23.57	-0.04
2A-12B-[66A]-66A	2A	12B	12B	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.6	-0.04
	12B	12B	2A	[66A]	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.53	-0.04
	[66A]	66A	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.66	0.05
	66A	[66A]	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.48	-0.13
2A-12B-[66A]-[66A]	2A	12B	12B	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.67	0.03
	12B	12B	2A	[66A]	[66A]			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.56	-0.01
	[66A]	[66A]	2A	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.58	-0.03
[2A]-12B-66A-66A	[2A]	12B	12B	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.49	-0.15
	12B	12B	[2A]	66A	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.44	-0.13
	66A	66A	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.64	0.03
[2A]-12B-[66A]-66A	[2A]	12B	12B	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	12B	12B	[2A]	[66A]	66A			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.5	-0.07
	[66A]	66A	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.63	0.02
	66A	[66A]	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.63	0.02

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-12B-[66A]-[66A]	[2A]	12B	12B	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	5	5095	737.5	5	5047	732.7	20	66536	2120	20	67036	2170							23.64	23.76	0.12
	12B	12B	[2A]	[66A]	[66A]			QPSK	5	23095	707.5	1	0	5	5095	737.5	5	5047	732.7	20	900	1960	20	66536	2120	20	67036	2170							23.57	23.64	0.07
	[66A]	[66A]	[2A]	12B	12B			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	5	5095	737.5	5	5047	732.7							23.61	23.68	0.07
[2A]-13A-46A-66A-66A	[2A]	13A	46A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.74	0.1
	13A	[2A]	46A	66A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	24.04	0.15
	66A	66A	[2A]	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.75	0.14
2A-13A-46A-[66A]-66A	2A	13A	46A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.58	-0.06
	13A	2A	46A	[66A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	24.03	0.14
	[66A]	66A	2A	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.66	0.05
	66A	[66A]	2A	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.67	0.06
[2A]-13A-46A-[66A]-66A	[2A]	13A	46A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.75	0.11
	13A	[2A]	46A	[66A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	23.9	0.01
	[66A]	66A	[2A]	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.57	-0.04
	66A	[66A]	[2A]	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.72	0.11
2A-13A-46A-[66A]-[66A]	2A	13A	46A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.64	0
	13A	2A	46A	[66A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	23.9	0.01
	[66A]	[66A]	2A	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.47	-0.14
[2A]-13A-46A-[66A]-[66A]	[2A]	13A	46A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	66536	2120	20	67036	2170							23.64	23.68	0.04
	13A	[2A]	46A	[66A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	66536	2120	20	67036	2170							23.89	23.88	-0.01
	[66A]	[66A]	[2A]	13A	46A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538							23.61	23.58	-0.03
2A-13A-46C-[66A]	2A	13A	46C	46C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120							23.64	23.76	0.12
	13A	2A	46C	46C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120							23.89	23.84	-0.05
	[66A]	2A	13A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557							23.61	23.73	0.12
[2A]-13A-46C-66A	[2A]	13A	46C	46C	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120							23.64	23.74	0.1
	13A	[2A]	46C	46C	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120							23.89	24.02	0.13
	66A	[2A]	13A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557							23.61	23.74	0.13
[2A]-13A-46C-[66A]	[2A]	13A	46C	46C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120							23.64	23.51	-0.13
	13A	[2A]	46C	46C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120							23.89	23.89	0
	[66A]	[2A]	13A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557							23.61	23.58	-0.03
[2A]-13A-48A-48A-66A	[2A]	13A	48A	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.59	-0.05
	13A	[2A]	48A	48A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.92	0.03
	66A	[2A]	13A	48A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.73	0.12
2A-13A-[48A]-48A-66A	2A	13A	[48A]	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.64	0
	13A	2A	[48A]	48A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.82	-0.07
	66A	2A	13A	[48A]	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.72	0.11
2A-13A-48A-48A-[66A]	2A	13A	48A	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.77	0.13
	13A	2A	48A	48A	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.99	0.1
	[66A]	2A	13A	48A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.74	0.13
[2A]-13A-[48A]-48A-66A	[2A]	13A	[48A]	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.64	0
	13A	[2A]	[48A]	48A	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	24	0.11
	66A	[2A]	13A	[48A]	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.76	0.15
[2A]-13A-48A-48A-[66A]	[2A]	13A	48A	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.78	0.14
	13A	[2A]	48A	48A	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.97	0.08
	[66A]	[2A]	13A	48A	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.62	0.01
2A-13A-[48A]-[48A]-66A	2A	13A	[48A]	[48A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.51	-0.13
	13A	2A	[48A]	[48A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.76	-0.13
	66A	2A	13A	[48A]	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.65	0.04
2A-13A-[48A]-48A-[66A]	2A	13A	[48A]	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.59	-0.05
	13A	2A	[48A]	48A	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.93	0.04
	[66A]	2A	13A	[48A]	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.61	0
[2A]-13A-[48A]-[48A]-66A	[2A]	13A	[48A]	[48A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.72	0.08
	13A	[2A]	[48A]	[48A]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.86	-0.03
	66A	[2A]	13A	[48A]	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.54	-0.07
[2A]-13A-[48A]-48A-[66A]	[2A]	13A	[48A]	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.55	-0.09
	13A	[2A]	[48A]	48A	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.85	-0.04
	[66A]	[2A]	13A	[48A]	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.49	-0.12
2A-13A-[48A]-[48A]-[66A]	2A	13A	[48A]	[48A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.51	-0.13
	13A	2A	[48A]	[48A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.9	0.01
	[66A]	2A	13A	[48A]	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.51	-0.1
[2A]-13A-[48A]-[48A]-[66A]	[2A]	13A	[48A]	[48A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56640	3690	20	66536	2120							23.64	23.59	-0.05
	13A	[2A]	[48A]	[48A]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56640	3690	20	66536	2120							23.89	23.98	0.09
	[66A]	[2A]	13A	[48A]	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	56640	3690							23.61	23.54	-0.07
2A-13A-48A-[48C]	2A	13A	48A	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.52	-0.12
	13A	2A	48A	[48C]	[48C]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	24.04	0.15
2A-13A-[48A]-48C	2A	13A	[48A]	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.56	-0.08
	13A	2A	[48A]	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	23.87	-0.02
2A-13A-[48A]-[48C]	2A	13A	[48A]	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.57	-0.07
	13A	2A	[48A]	[48C]	[48C]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	23.98	0.09
[2A]-13A-48A-48C	[2A]	13A	48A	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.7	0.06
	13A	[2A]	48A	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	24.03	0.14

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-13A-48A-[48C]	[2A]	13A	48A	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.75	0.11
	13A	[2A]	48A	[48C]	[48C]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	24.02	0.13
[2A]-13A-[48A]-48C	[2A]	13A	[48A]	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.49	-0.15
	13A	[2A]	[48A]	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	23.85	-0.04
[2A]-13A-[48A]-[48C]	[2A]	13A	[48A]	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.64	23.75	0.11
	13A	[2A]	[48A]	[48C]	[48C]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.89	23.78	-0.11
2A-13A-48C-[66A]	2A	13A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.53	-0.11
	13A	2A	48C	48C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.88	-0.01
	[66A]	2A	13A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.63	0.02
2A-13A-[48C]-66A	2A	13A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.6	-0.04
	13A	2A	[48C]	[48C]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.9	0.01
	66A	2A	13A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.51	-0.1
2A-13A-[48C]-[66A]	2A	13A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.76	0.12
	13A	2A	[48C]	[48C]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.78	-0.11
	[66A]	2A	13A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.59	-0.02
[2A]-13A-48C-66A	[2A]	13A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.71	0.07
	13A	[2A]	48C	48C	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.95	0.06
	66A	[2A]	13A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.48	-0.13
[2A]-13A-48C-[66A]	[2A]	13A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.66	0.02
	13A	[2A]	48C	48C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	23.96	0.07
	[66A]	[2A]	13A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.48	-0.13
[2A]-13A-[48C]-66A	[2A]	13A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.63	-0.01
	13A	[2A]	[48C]	[48C]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	24.04	0.15
	66A	[2A]	13A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.7	0.09
[2A]-13A-[48C]-[66A]	[2A]	13A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.76	0.12
	13A	[2A]	[48C]	[48C]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120							23.89	24	0.11
	[66A]	[2A]	13A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	5230	751	20	55340	3560	20	55538	3580							23.61	23.66	0.05
2A-13A-[48D]	2A	13A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.52	-0.12
	13A	2A	[48D]	[48D]	[48D]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							23.89	23.99	0.1
[2A]-13A-48D	[2A]	13A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.62	-0.02
	13A	[2A]	48D	48D	48D			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							23.89	23.79	-0.1
[2A]-13A-[48D]	[2A]	13A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.64	23.77	0.13
	13A	[2A]	[48D]	[48D]	[48D]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							23.89	23.99	0.1
2A-13A-66A-[66B]	2A	13A	66A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.57	-0.07
	13A	2A	66A	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	23.85	-0.04
	66A	[66B]	[66B]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.67	0.06
	[66B]	[66B]	66A	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.92	0.15
2A-13A-[66A]-66B	2A	13A	[66A]	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.75	0.11
	13A	2A	[66A]	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	23.87	-0.02
	[66A]	66B	66B	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.62	0.01
	66B	66B	[66A]	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.64	-0.13
2A-13A-[66A]-[66B]	2A	13A	[66A]	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.5	-0.14
	13A	2A	[66A]	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	24.01	0.12
	[66A]	[66B]	[66B]	2A	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.61	0
	[66B]	[66B]	[66A]	2A	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.85	0.08
[2A]-13A-66A-66B	[2A]	13A	66A	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.5	-0.14
	13A	[2A]	66A	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	23.94	0.05
	66A	66B	66B	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.58	-0.03
	66B	66B	66A	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.72	-0.05
[2A]-13A-66A-[66B]	[2A]	13A	66A	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.56	-0.08
	13A	[2A]	66A	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	24.01	0.12
	66A	[66B]	[66B]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.74	0.13
	[66B]	[66B]	66A	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.87	0.1
[2A]-13A-[66A]-66B	[2A]	13A	[66A]	66B	66B			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.61	-0.03
	13A	[2A]	[66A]	66B	66B			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	23.91	0.02
	[66A]	66B	66B	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.59	-0.02
	66B	66B	[66A]	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.63	-0.14
[2A]-13A-[66A]-[66B]	[2A]	13A	[66A]	[66B]	[66B]			QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	66536	2120	10	66786	2145	10	66885	2155							23.64	23.54	-0.1
	13A	[2A]	[66A]	[66B]	[66B]			QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	66536	2120	10	66786	2145	10	66885	2155							23.89	24.02	0.13
	[66A]	[66B]	[66B]	[2A]	13A			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	66786	2145	10	66885	2155	20	900	1960	10	5230	751							23.61	23.56	-0.05
	[66B]	[66B]	[66A]	[2A]	13A			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	67036	2170	20	900	1960	10	5230	751							23.77	23.87	0.1
2A-14A-30A-[66A]-66A	2A	14A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.52	-0.12
	14A	2A	30A	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.95	0.12
	30A	2A	14A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.32	0.06
	[66A]	66A	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.49	-0.12
	66A	[66A]	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.62	0.01

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-14A-30A-[66A]-[66A]	2A	14A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.49	-0.15
	14A	2A	30A	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.97	0.14
	30A	2A	14A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.16	-0.1
	[66A]	[66A]	2A	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.71	0.1
2A-14A-[30A]-66A-66A	2A	14A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.58	-0.06
	14A	2A	[30A]	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.81	-0.02
	[30A]	2A	14A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.18	-0.08
	66A	66A	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.63	0.02
2A-14A-[30A]-[66A]-66A	2A	14A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.68	0.04
	14A	2A	[30A]	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.92	0.09
	[30A]	2A	14A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.16	-0.1
	[66A]	66A	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.59	-0.02
	66A	[66A]	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.53	-0.08
2A-14A-[30A]-[66A]-[66A]	2A	14A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.52	-0.12
	14A	2A	[30A]	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.7	-0.13
	[30A]	2A	14A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.15	-0.11
	[66A]	[66A]	2A	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.6	-0.01
[2A]-14A-30A-66A-66A	[2A]	14A	30A	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.78	0.14
	14A	[2A]	30A	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.92	0.09
	30A	[2A]	14A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.39	0.13
	66A	66A	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.65	0.04
[2A]-14A-30A-[66A]-66A	[2A]	14A	30A	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.7	0.06
	14A	[2A]	30A	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.7	-0.13
	30A	[2A]	14A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.31	0.05
	[66A]	66A	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.66	0.05
	66A	[66A]	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.72	0.11
[2A]-14A-30A-[66A]-[66A]	[2A]	14A	30A	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.77	0.13
	14A	[2A]	30A	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.72	-0.11
	30A	[2A]	14A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.22	-0.04
	[66A]	[66A]	[2A]	14A	30A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.62	0.01
[2A]-14A-[30A]-66A-66A	[2A]	14A	[30A]	66A	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	14A	[2A]	[30A]	66A	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.85	0.02
	[30A]	[2A]	14A	66A	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.18	-0.08
	66A	66A	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.65	0.04
[2A]-14A-[30A]-[66A]-66A	[2A]	14A	[30A]	[66A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.66	0.02
	14A	[2A]	[30A]	[66A]	66A			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.94	0.11
	[30A]	[2A]	14A	[66A]	66A			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.37	0.11
	[66A]	66A	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.48	-0.13
	66A	[66A]	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.62	0.01
[2A]-14A-[30A]-[66A]-[66A]	[2A]	14A	[30A]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	10	5330	763	10	9820	2355	20	66536	2120	20	67036	2170							23.64	23.72	0.08
	14A	[2A]	[30A]	[66A]	[66A]			QPSK	10	23330	793	1	49	10	5330	763	20	900	1960	10	9820	2355	20	66536	2120	20	67036	2170							23.83	23.72	-0.11
	[30A]	[2A]	14A	[66A]	[66A]			QPSK	10	27710	2310	1	0	10	9820	2355	20	900	1960	10	5330	763	20	66536	2120	20	67036	2170							23.26	23.37	0.11
	[66A]	[66A]	[2A]	14A	[30A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5330	763	10	9820	2355							23.61	23.7	0.09
2A-46A-46C-[66A]	2A	46A	46C	46C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	66536	2120							23.64	23.75	0.11
	[66A]	2A	46A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915	20	54242	5895							23.61	23.66	0.05
[2A]-46A-46C-66A	[2A]	46A	46C	46C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	66536	2120							23.64	23.71	0.07
	66A	[2A]	46A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915	20	54242	5895							23.61	23.75	0.14
[2A]-46A-46C-[66A]	[2A]	46A	46C	46C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	66536	2120							23.64	23.63	-0.01
	[66A]	[2A]	46A	46C	46C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	54440	5915	20	54242	5895							23.61	23.5	-0.11
[2A]-46A-46D	[2A]	46A	46D	46D	46D			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.64	23.76	0.12
2A-46A-48C-[66A]	2A	46A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.73	0.09
	[66A]	2A	46A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.57	-0.04
2A-46A-[48C]-66A	2A	46A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.67	0.03
	66A	2A	46A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.7	0.09
2A-46A-[48C]-[66A]	2A	46A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.77	0.13
	[66A]	2A	46A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.56	-0.05
[2A]-46A-48C-66A	[2A]	46A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.65	0.01
	66A	[2A]	46A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.5	-0.11
[2A]-46A-48C-[66A]	[2A]	46A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.66	0.02
	[66A]	[2A]	46A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.65	0.04
[2A]-46A-[48C]-66A	[2A]	46A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.74	0.1
	66A	[2A]	46A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.63	0.02
[2A]-46A-[48C]-[66A]	[2A]	46A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	66536	2120							23.64	23.5	-0.14
	[66A]	[2A]	46A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580							23.61	23.48	-0.13
2A-46C-48A-[66A]	2A	46C	46C	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.67	0.03
	[66A]	2A	46C	46C	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.74	0.13
2A-46C-[48A]-66A	2A	46C	46C	[48A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.75	0.11
	66A	2A	46C	46C	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.53	-0.08
2A-46C-[48A]-[66A]	2A	46C	46C	[48A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.62	-0.02
	[66A]	2A	46C	46C	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.59	-0.02
[2A]-46C-48A-66A	[2A]	46C	46C	48A	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.51	-0.13
	66A	[2A]	46C	46C	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.51	-0.1

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
[2A]-46C-48A-[66A]	[2A]	46C	46C	48A	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.59	-0.05
	[66A]	[2A]	46C	46C	48A			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.71	0.1
[2A]-46C-[48A]-66A	[2A]	46C	46C	[48A]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.76	0.12
	66A	[2A]	46C	46C	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.66	0.05
[2A]-46C-[48A]-[66A]	[2A]	46C	46C	[48A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	66536	2120							23.64	23.51	-0.13
	[66A]	[2A]	46C	46C	[48A]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560							23.61	23.68	0.07
2A-48A-48C-[66A]	2A	48A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.68	0.04
	[66A]	2A	48A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.46	-0.15
2A-48A-[48C]-66A	2A	48A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.74	0.1
	66A	2A	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.52	-0.09
2A-48A-[48C]-[66A]	2A	48A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.54	-0.1
	[66A]	2A	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.53	-0.08
2A-[48A]-48C-66A	2A	[48A]	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.78	0.14
	66A	2A	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.67	0.06
2A-[48A]-48C-[66A]	2A	[48A]	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.74	0.1
	[66A]	2A	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.47	-0.14
2A-[48A]-[48C]-66A	2A	[48A]	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.55	-0.09
	66A	2A	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.49	-0.12
2A-[48A]-[48C]-[66A]	2A	[48A]	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.5	-0.14
	[66A]	2A	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.63	0.02
[2A]-48A-48C-66A	[2A]	48A	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.68	0.04
	66A	[2A]	48A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.51	-0.1
[2A]-48A-48C-[66A]	[2A]	48A	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.67	0.03
	[66A]	[2A]	48A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.49	-0.12
[2A]-48A-[48C]-66A	[2A]	48A	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.61	-0.03
	66A	[2A]	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.61	0
[2A]-48A-[48C]-[66A]	[2A]	48A	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.6	-0.04
	[66A]	[2A]	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.54	-0.07
[2A]-[48A]-48C-66A	[2A]	[48A]	48C	48C	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.7	0.06
	66A	[2A]	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.66	0.05
[2A]-[48A]-48C-[66A]	[2A]	[48A]	48C	48C	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.58	-0.06
	[66A]	[2A]	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.61	0
[2A]-[48A]-[48C]-66A	[2A]	[48A]	[48C]	[48C]	66A			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.73	0.09
	66A	[2A]	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.56	-0.05
[2A]-[48A]-[48C]-[66A]	[2A]	[48A]	[48C]	[48C]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.64	23.57	-0.07
	[66A]	[2A]	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.57	-0.04
2A-48A-[48D]	2A	48A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.49	-0.15
2A-[48A]-48D	2A	[48A]	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.73	0.09
2A-[48A]-[48D]	2A	[48A]	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.77	0.13
[2A]-48A-48D	[2A]	48A	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.7	0.06
[2A]-48A-[48D]	[2A]	48A	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.58	-0.06
[2A]-[48A]-48D	[2A]	[48A]	48D	48D	48D			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.76	0.12
[2A]-[48A]-[48D]	[2A]	[48A]	[48D]	[48D]	[48D]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.64	23.57	-0.07
2A-[48C]-48C	2A	[48C]	[48C]	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.54	-0.1
2A-[48C]-[48C]	2A	[48C]	[48C]	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.74	0.1
[2A]-48C-48C	[2A]	48C	48C	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.78	0.14
[2A]-[48C]-48C	[2A]	[48C]	[48C]	48C	48C			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.76	0.12
[2A]-[48C]-[48C]	[2A]	[48C]	[48C]	[48C]	[48C]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.64	23.65	0.01
[2A]-[48C]-[66A]-[66A]	[2A]	[48C]	[48C]	[66A]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170							23.64	23.5	-0.14
	[66A]	[66A]	[2A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	55340	3560	20	55538	3580							23.61	23.69	0.08
[2A]-[48D]-[66A]	[2A]	[48D]	[48D]	[48D]	[66A]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120							23.64	23.79	0.15
	[66A]	[2A]	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600							23.61	23.59	-0.02
[2A]-[48E]	[2A]	[48E]	[48E]	[48E]	[48E]			QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.64	23.55	-0.09
[4A]-46A-46D	[4A]	46A	46D	46D	46D			QPSK	20	20175	1733	1	0	20	2175	2133	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.52	23.54	0.02
4A-[48E]	4A	[48E]	[48E]	[48E]	[48E]			QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.52	23.57	0.05
[4A]-48E	[4A]	48E	48E	48E	48E			QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.52	23.5	-0.02
[4A]-[48E]	[4A]	[48E]	[48E]	[48E]	[48E]			QPSK	20	20175	1733	1	0	20	2175	2133	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.52	23.48	-0.04
13A-48A-48C-[66A]	13A	48A	48C	48C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.98	0.09
	[66A]	13A	48A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.73	0.12
13A-48A-[48C]-66A	13A	48A	[48C]	[48C]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	24.04	0.15
	66A	13A	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.56	-0.05
13A-48A-[48C]-[66A]	13A	48A	[48C]	[48C]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.97	0.08
	[66A]	13A	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.48	-0.13
13A-[48A]-48C-66A	13A	[48A]	48C	48C	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.86	-0.03
	66A	13A	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.56	-0.05
13A-[48A]-48C-[66A]	13A	[48A]	48C	48C	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.83	-0.06
	[66A]	13A	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.73	0.12
13A-[48A]-[48C]-66A	13A	[48A]	[48C]	[48C]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.79	-0.1
	66A	13A	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.7	0.09
13A-[48A]-[48C]-[66A]	13A	[48A]	[48C]	[48C]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	66536	2120							23.89	23.87	-0.02
	[66A]	13A	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.56	-0.05

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
13A-48A-[48D]	13A	48A	[48D]	[48D]	[48D]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.89	23.78	-0.11
13A-[48A]-48D	13A	[48A]	48D	48D	48D			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.89	23.8	-0.09
13A-[48A]-[48D]	13A	[48A]	[48D]	[48D]	[48D]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.89	24	0.11
13A-[48C]-48C	13A	[48C]	[48C]	48C	48C			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.89	23.9	0.01
13A-[48C]-[48C]	13A	[48C]	[48C]	[48C]	[48C]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.89	23.9	0.01
13A-48D-[66A]	13A	48D	48D	48D	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120							23.89	23.88	-0.01
	[66A]	13A	48D	48D	48D			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.61	23.52	-0.09
13A-[48D]-66A	13A	[48D]	[48D]	[48D]	66A			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120							23.89	24.01	0.12
	66A	13A	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.61	23.61	0
13A-[48D]-[66A]	13A	[48D]	[48D]	[48D]	[66A]			QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120							23.89	23.8	-0.09
	[66A]	13A	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600							23.61	23.5	-0.11
46A-46D-[66A]	[66A]	46A	46D	46D	46D			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	54440	5915	20	54242	5895	20	54044	5875							23.61	23.5	-0.11
48A-48C-[66B]	[66B]	[66B]	48A	48C	48C			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.63	-0.14
48A-[48C]-66B	66B	66B	48A	[48C]	[48C]			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.83	0.06
48A-[48C]-[66B]	[66B]	[66B]	48A	[48C]	[48C]			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.83	0.06
[48A]-48C-66B	66B	66B	[48A]	48C	48C			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.66	-0.11
[48A]-48C-[66B]	[66B]	[66B]	[48A]	48C	48C			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.67	-0.1
[48A]-[48C]-66B	66B	66B	[48A]	[48C]	[48C]			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.69	-0.08
[48A]-[48C]-[66B]	[66B]	[66B]	[48A]	[48C]	[48C]			QPSK	15	1E+05	1718	1	74	15	66511	2118	5	66604	2127	20	55340	3560	20	56207	3647	20	56405	3667							23.77	23.79	0.02
48A-48C-[66C]	[66C]	[66C]	48A	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.62	0.01
48A-[48C]-66C	66C	66C	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.72	0.11
48A-[48C]-[66C]	[66C]	[66C]	48A	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.47	-0.14
[48A]-48C-66C	66C	66C	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.63	0.02
[48A]-48C-[66C]	[66C]	[66C]	[48A]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.68	0.07
[48A]-[48C]-66C	66C	66C	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.63	0.02
[48A]-[48C]-[66C]	[66C]	[66C]	[48A]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	66734	2140	20	55340	3560	20	56207	3647	20	56405	3667							23.61	23.52	-0.09
48A-48D-[66A]	[66A]	48A	48D	48D	48D			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.57	-0.04
48A-[48D]-66A	66A	48A	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.46	-0.15
48A-[48D]-[66A]	[66A]	48A	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.57	-0.04
[48A]-48D-66A	66A	[48A]	48D	48D	48D			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.66	0.05
[48A]-48D-[66A]	[66A]	[48A]	48D	48D	48D			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.7	0.09
[48A]-[48D]-66A	66A	[48A]	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.48	-0.13
[48A]-[48D]-[66A]	[66A]	[48A]	[48D]	[48D]	[48D]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	56207	3647	20	56405	3667	20	56603	3686							23.61	23.63	0.02
48C-48C-[66A]	[66A]	48C	48C	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.65	0.04
[48C]-48C-66A	66A	[48C]	[48C]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.73	0.12
[48C]-48C-[66A]	[66A]	[48C]	[48C]	48C	48C			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.6	-0.01
[48C]-[48C]-66A	66A	[48C]	[48C]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.56	-0.05
[48C]-[48C]-[66A]	[66A]	[48C]	[48C]	[48C]	[48C]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667							23.61	23.51	-0.1
48A-[48E]	[48E]	[48E]	[48E]	[48E]	48A			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56640	3690							23.85	23.73	-0.12
[48A]-48E	[48A]	48E	48E	48E	48E			QPSK	20	55340	3560	1	49	20	55340	3560	20	3627	56009	20	56207	3647	20	56405	3667	20	56603	3686							23.85	23.96	0.11
	48E	48E	48E	48E	[48A]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56640	3690							23.85	23.86	0.01
[48A]-[48E]	[48E]	[48E]	[48E]	[48E]	[48A]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56640	3690							23.85	23.98	0.13
48C-[48D]	48C	48C	[48D]	[48D]	[48D]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667	20	56603	3686							23.85	23.72	-0.13
	[48D]	[48D]	[48D]	48C	48C			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56207	3647	20	56405	3667							23.85	23.81	-0.04
[48C]-48D	[48C]	[48C]	48D	48D	48D			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667	20	56603	3686							23.85	23.96	0.11
	48D	48D	48D	[48C]	[48C]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56207	3647	20	56405	3667							23.85	23.94	0.09
[48C]-[48D]	[48C]	[48C]	[48D]	[48D]	[48D]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	56207	3647	20	56405	3667	20	56603	3686							23.85	24	0.15
	[48D]	[48D]	[48D]	[48C]	[48C]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	56207	3647	20	56405	3667							23.85	23.78	-0.07
[48E]-[66A]	[66A]	[48E]	[48E]	[48E]	[48E]			QPSK	20	1E+05	1720	1	99	20	66536	2120	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619							23.61	23.71	0.1
[48F]	[48F]	[48F]	[48F]	[48F]	[48F]			QPSK	20	55340	3560	1	49	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	56132	3639							23.85	23.89	0.04
[2A]-5A-46C-66A-66A	[2A]	5A	46C	46C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.62	-0.02
	5A	[2A]	46C	46C	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	24.1	0.03
	66A	66A	[2A]	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.75	0.14
2A-5A-46C-[66A]-66A	2A	5A	46C	46C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.76	0.12
	5A	2A	46C	46C	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	23.95	-0.12
	[66A]	66A	2A	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.53	-0.08
	66A	[66A]	2A	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.74	0.13
[2A]-5A-46C-[66A]-66A	[2A]	5A	46C	46C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.49	-0.15
	5A	[2A]	46C	46C	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	24.03	-0.04
	[66A]	66A	[2A]	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.52	-0.09
	66A	[66A]	[2A]	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.66	0.05

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Chann el	Freq. (MHz)	RB allocat ion	RB offset	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)	BW (MHz)	Chann el	Freq. (MHz)			
2A-5A-46C-[66A]-[66A]	2A	5A	46C	46C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.62	-0.02
	5A	2A	46C	46C	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	24.14	0.07
	[66A]	[66A]	2A	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.52	-0.09
[2A]-5A-46C-[66A]-[66A]	[2A]	5A	46C	46C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.7	0.06
	5A	[2A]	46C	46C	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				24.07	24.08	0.01
	[66A]	[66A]	[2A]	5A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557				23.61	23.69	0.08
2A-5A-48C-[66A]-66A	2A	5A	48C	48C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.76	0.12
	5A	2A	48C	48C	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24	-0.07
	[66A]	66A	2A	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.59	-0.02
	66A	[66A]	2A	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.47	-0.14
2A-5A-48C-[66A]-[66A]	2A	5A	48C	48C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.79	0.15
	5A	2A	48C	48C	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	23.95	-0.12
	[66A]	[66A]	2A	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.67	0.06
2A-5A-[48C]-66A-66A	2A	5A	[48C]	[48C]	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.56	-0.08
	5A	2A	[48C]	[48C]	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.16	0.09
	66A	66A	2A	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.6	-0.01
2A-5A-[48C]-[66A]-66A	2A	5A	[48C]	[48C]	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.5	-0.14
	5A	2A	[48C]	[48C]	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.18	0.11
	[66A]	66A	2A	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.74	0.13
	66A	[66A]	2A	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.57	-0.04
2A-5A-[48C]-[66A]-[66A]	2A	5A	[48C]	[48C]	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.59	-0.05
	5A	2A	[48C]	[48C]	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.19	0.12
	[66A]	[66A]	2A	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.49	-0.12
[2A]-5A-48C-66A-66A	[2A]	5A	48C	48C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.74	0.1
	5A	[2A]	48C	48C	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.2	0.13
	66A	66A	[2A]	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.57	-0.04
[2A]-5A-48C-[66A]-66A	[2A]	5A	48C	48C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.71	0.07
	5A	[2A]	48C	48C	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.1	0.03
	[66A]	66A	[2A]	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.65	0.04
	66A	[66A]	[2A]	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.75	0.14
[2A]-5A-48C-[66A]-[66A]	[2A]	5A	48C	48C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.63	-0.01
	5A	[2A]	48C	48C	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	23.96	-0.11
	[66A]	[66A]	[2A]	5A	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.49	-0.12
[2A]-5A-[48C]-66A-66A	[2A]	5A	[48C]	[48C]	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.59	-0.05
	5A	[2A]	[48C]	[48C]	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	23.99	-0.08
	66A	66A	[2A]	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.5	-0.11
[2A]-5A-[48C]-[66A]-66A	[2A]	5A	[48C]	[48C]	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				23.64	23.61	-0.03
	5A	[2A]	[48C]	[48C]	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	55340	3560	20	55538	3580	20	66536	2120	20	67036	2170				24.07	24.11	0.04
	[66A]	66A	[2A]	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.72	0.11
	66A	[66A]	[2A]	5A	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	55340	3560	20	55538	3580				23.61	23.64	0.03
[2A]-13A-46C-66A-66A	[2A]	13A	46C	46C	66A	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.56	-0.08
	13A	[2A]	46C	46C	66A	66A		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	23.92	0.03
	66A	66A	[2A]	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.63	0.02
2A-13A-46C-[66A]-66A	2A	13A	46C	46C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.5	-0.14
	13A	2A	46C	46C	[66A]	66A		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	24.02	0.13
	[66A]	66A	2A	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.66	0.05
	66A	[66A]	2A	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.75	0.14
[2A]-13A-46C-[66A]-66A	[2A]	13A	46C	46C	[66A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.65	0.01
	13A	[2A]	46C	46C	[66A]	66A		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	24.03	0.14
	[66A]	66A	[2A]	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.69	0.08
	66A	[66A]	[2A]	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.49	-0.12
2A-13A-46C-[66A]-[66A]	2A	13A	46C	46C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.59	-0.05
	13A	2A	46C	46C	[66A]	[66A]		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	24.04	0.15
	[66A]	[66A]	2A	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.53	-0.08
[2A]-13A-46C-[66A]-[66A]	[2A]	13A	46C	46C	[66A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.64	23.64	0
	13A	[2A]	46C	46C	[66A]	[66A]		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	66536	2120	20	67036	2170				23.89	23.75	-0.14
	[66A]	[66A]	[2A]	13A	46C	46C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557				23.61	23.76	0.15
[2A]-13A-46E	[2A]	13A	46E	46E	46E	46E		QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.64	23.65	0.01
	13A	[2A]	46E	46E	46E	46E		QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.89	23.74	-0.15

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-46A-48D-[66A]	2A	46A	48D	48D	48D	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.69	0.05
	[66A]	2A	46A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.59	-0.02
2A-46A-[48D]-66A	2A	46A	[48D]	[48D]	[48D]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.64	0
	66A	2A	46A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.62	0.01
2A-46A-[48D]-[66A]	2A	46A	[48D]	[48D]	[48D]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.73	0.09
	[66A]	2A	46A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.56	-0.05
[2A]-46A-48D-66A	[2A]	46A	48D	48D	48D	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.79	0.15
	66A	[2A]	46A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.61	0
[2A]-46A-48D-[66A]	[2A]	46A	48D	48D	48D	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.57	-0.07
	[66A]	[2A]	46A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.63	0.02
[2A]-46A-[48D]-66A	[2A]	46A	[48D]	[48D]	[48D]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120				23.64	23.57	-0.07
	66A	[2A]	46A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.63	0.02
2A-46C-48C-[66A]	2A	46C	46C	48C	48C	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.57	-0.07
	[66A]	2A	46C	46C	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.49	-0.12
2A-46C-[48C]-66A	2A	46C	46C	[48C]	[48C]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.54	-0.1
	66A	2A	46C	46C	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.7	0.09
2A-46C-[48C]-[66A]	2A	46C	46C	[48C]	[48C]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.51	-0.13
	[66A]	2A	46C	46C	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.71	0.1
[2A]-46C-48C-66A	[2A]	46C	46C	48C	48C	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.71	0.07
	66A	[2A]	46C	46C	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.72	0.11
[2A]-46C-48C-[66A]	[2A]	46C	46C	48C	48C	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.77	0.13
	[66A]	[2A]	46C	46C	48C	48C		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.65	0.04
[2A]-46C-[48C]-66A	[2A]	46C	46C	[48C]	[48C]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.66	0.02
	66A	[2A]	46C	46C	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.61	0
[2A]-46C-[48C]-[66A]	[2A]	46C	46C	[48C]	[48C]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	66536	2120				23.64	23.51	-0.13
	[66A]	[2A]	46C	46C	[48C]	[48C]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580				23.61	23.53	-0.08
2A-46D-48A-[66A]	2A	46D	46D	46D	48A	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.76	0.12
	[66A]	2A	46D	46D	46D	48A		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.47	-0.14
2A-46D-[48A]-66A	2A	46D	46D	46D	[48A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.71	0.07
	66A	2A	46D	46D	46D	[48A]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.58	-0.03
2A-46D-[48A]-[66A]	2A	46D	46D	46D	[48A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.74	0.1
	[66A]	2A	46D	46D	46D	[48A]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.55	-0.06
[2A]-46D-48A-66A	[2A]	46D	46D	46D	48A	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.6	-0.04
	66A	[2A]	46D	46D	46D	48A		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.69	0.08
[2A]-46D-48A-[66A]	[2A]	46D	46D	46D	48A	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.6	-0.04
	[66A]	[2A]	46D	46D	46D	48A		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.72	0.11
[2A]-46D-[48A]-66A	[2A]	46D	46D	46D	[48A]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.79	0.15
	66A	[2A]	46D	46D	46D	[48A]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.66	0.05
[2A]-46D-[48A]-[66A]	[2A]	46D	46D	46D	[48A]	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	66536	2120				23.64	23.69	0.05
	[66A]	[2A]	46D	46D	46D	[48A]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560				23.61	23.6	-0.01
2A-46A-[48E]	2A	46A	[48E]	[48E]	[48E]	[48E]		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.64	23.5	-0.14
[2A]-46A-48E	[2A]	46A	48E	48E	48E	48E		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.64	23.73	0.09
[2A]-46C-[48D]	[2A]	46C	46C	48D	48D	48D		QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600				23.64	23.5	-0.14
2A-48E-[66A]	2A	48E	48E	48E	48E	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.64	23.72	0.08
	[66A]	2A	48E	48E	48E	48E		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.7	0.09
2A-[48E]-66A	2A	[48E]	[48E]	[48E]	[48E]	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.64	23.73	0.09
	66A	2A	[48E]	[48E]	[48E]	[48E]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.64	0.03
[2A]-48E-66A	[2A]	48E	48E	48E	48E	66A		QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.64	23.61	-0.03
	66A	[2A]	48E	48E	48E	48E		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.73	0.12
[2A]-48E-[66A]	[2A]	48E	48E	48E	48E	[66A]		QPSK	20	18700	1860	1	0	20	700	1940	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.64	23.53	-0.11
	[66A]	[2A]	48E	48E	48E	48E		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.65	0.04
5A-[48D]-66A-66A	5A	[48D]	[48D]	[48D]	66A	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	20	67036	2170				24.07	24.22	0.15
	66A	66A	5A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.6	-0.01
5A-48D-[66A]-66A	5A	48D	48D	48D	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	20	67036	2170				24.07	24.05	-0.02
	[66A]	66A	5A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.46	-0.15
	66A	[66A]	5A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.54	-0.07
5A-[48D]-[66A]-66A	5A	[48D]	[48D]	[48D]	[66A]	66A		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	20	67036	2170				24.07	24.05	-0.02
	[66A]	66A	5A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.52	-0.09
	66A	[66A]	5A	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.56	-0.05
5A-48D-[66A]-[66A]	5A	48D	48D	48D	[66A]	[66A]		QPSK	10	20525	836.5	1	49	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	20	67036	2170				24.07	24.15	0.08
	[66A]	[66A]	5A	48D	48D	48D		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.68	0.07
13A-46E-[66A]	13A	46E	46E	46E	46E	[66A]		QPSK	10	23230	782	1	0	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120				23.89	23.97	0.08
	[66A]	13A	46E	46E	46E	46E		QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597				23.61	23.63	0.02

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
13A-48E-[66A]	13A	48E	48E	48E	48E	[66A]		QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.89	23.94	0.05
	[66A]	13A	48E	48E	48E	48E		QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.71	0.1
13A-[48E]-66A	13A	[48E]	[48E]	[48E]	[48E]	66A		QPSK	10	23230	782	1	0	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	20	66536	2120				23.89	23.85	-0.04
	66A	13A	[48E]	[48E]	[48E]	[48E]		QPSK	20	1E+05	1720	1	99	20	66536	2120	10	5230	751	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.75	0.14
46A-48E-[66A]	[66A]	46A	48E	48E	48E	48E		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.73	0.12
46A-[48E]-66A	66A	46A	[48E]	[48E]	[48E]	[48E]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619				23.61	23.48	-0.13
46C-[48D]-[66A]	[66A]	46C	46C	[48D]	[48D]	[48D]		QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600				23.61	23.54	-0.07
[2A]-5A-46D-66A-66A	[2A]	5A	46D	46D	46D	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.68	0.04
	5A	[2A]	46D	46D	46D	66A	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	24.07	0
	66A	66A	[2A]	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.73	0.12
2A-5A-46D-[66A]-66A	2A	5A	46D	46D	46D	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.57	-0.07
	5A	2A	46D	46D	46D	[66A]	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	24.15	0.08
	[66A]	66A	2A	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.76	0.15
	66A	[66A]	2A	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.64	0.03
[2A]-5A-46D-[66A]-66A	[2A]	5A	46D	46D	46D	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.71	0.07
	5A	[2A]	46D	46D	46D	[66A]	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	24.09	0.02
	[66A]	66A	[2A]	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.6	-0.01
	66A	[66A]	[2A]	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.55	-0.06
2A-5A-46D-[66A]-[66A]	2A	5A	46D	46D	46D	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.72	0.08
	5A	2A	46D	46D	46D	[66A]	[66A]	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	23.99	-0.08
	[66A]	[66A]	2A	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.67	0.06
[2A]-5A-46D-[66A]-[66A]	[2A]	5A	46D	46D	46D	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.77	0.13
	5A	[2A]	46D	46D	46D	[66A]	[66A]	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	24.07	23.94	-0.13
	[66A]	[66A]	[2A]	5A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.7	0.09
2A-5A-46E-[66A]	2A	5A	46E	46E	46E	46E	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	23.64	23.59	-0.05
	5A	2A	46E	46E	46E	46E	[66A]	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	24.07	24.05	-0.02
	[66A]	2A	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.57	-0.04
[2A]-5A-46E-66A	[2A]	5A	46E	46E	46E	46E	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	23.64	23.52	-0.12
	5A	[2A]	46E	46E	46E	46E	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	24.07	23.95	-0.12
	66A	[2A]	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.48	-0.13
[2A]-5A-46E-[66A]	[2A]	5A	46E	46E	46E	46E	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	23.64	23.6	-0.04
	5A	[2A]	46E	46E	46E	46E	[66A]	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	24.07	24.1	0.03
	[66A]	[2A]	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.51	-0.1
[2A]-13A-46D-66A-66A	[2A]	13A	46D	46D	46D	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.56	-0.08
	13A	[2A]	46D	46D	46D	66A	66A	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	23.9	0.01
	66A	66A	[2A]	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.5	-0.11
2A-13A-46D-[66A]-66A	2A	13A	46D	46D	46D	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.62	-0.02
	13A	2A	46D	46D	46D	[66A]	66A	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	23.89	0
	[66A]	66A	2A	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.76	0.15
	66A	[66A]	2A	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.68	0.07
[2A]-13A-46D-[66A]-66A	[2A]	13A	46D	46D	46D	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.74	0.1
	13A	[2A]	46D	46D	46D	[66A]	66A	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	23.91	0.02
	[66A]	66A	[2A]	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.74	0.13
	66A	[66A]	[2A]	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.6	-0.01
2A-13A-46D-[66A]-[66A]	2A	13A	46D	46D	46D	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.78	0.14
	13A	2A	46D	46D	46D	[66A]	[66A]	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	24.03	0.14
	[66A]	[66A]	2A	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.46	-0.15
[2A]-13A-46D-[66A]-[66A]	[2A]	13A	46D	46D	46D	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.64	23.53	-0.11
	13A	[2A]	46D	46D	46D	[66A]	[66A]	QPSK	10	23230	782	1	0	10	5230	751	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	66536	2120	20	67036	2170	23.89	23.85	-0.04
	[66A]	[66A]	[2A]	13A	46D	46D	46D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	10	5230	751	20	50665	5538	20	50863	5557	20	51061	5577	23.61	23.51	-0.1
2A-46C-48D-[66A]	2A	46C	46C	48D	48D	48D	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	23.64	23.54	-0.1
	[66A]	2A	46C	46C	48D	48D	48D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	23.61	23.48	-0.13
2A-46C-[48D]-66A	2A	46C	46C	[48D]	[48D]	[48D]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	23.64	23.69	0.05
	66A	2A	46C	46C	[48D]	[48D]	[48D]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	23.61	23.63	0.02
[2A]-46C-48D-66A	[2A]	46C	46C	48D	48D	48D	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	23.64	23.51	-0.13
	66A	[2A]	46C	46C	48D	48D	48D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	23.61	23.71	0.1
[2A]-46C-48D-[66A]	[2A]	46C	46C	48D	48D	48D	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	66536	2120	23.64	23.6	-0.04
	[66A]	[2A]	46C	46C	48D	48D	48D	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	23.61	23.67	0.06

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

DL CA with 4x4 MIMO output power results (Continued)

E-UTRA CA configutation (BCS)	Bands							UL						DL																					LTE Rel 8 Tx. Power [dBm]	LTE Rel 10 Tx. Power [dBm]	Delta
	PCC	SCC1	SCC2	SCC3	SCC4	SCC5	SCC6	PCC						PCC			SCC1			SCC2			SCC3			SCC4			SCC5			SCC6					
	1st	2nd	3rd	4th	5th	6th	7th	Mode	BW (MHz)	Channel	Freq. (MHz)	RB allocation	RB offset	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)	BW (MHz)	Channel	Freq. (MHz)			
2A-46D-48C-[66A]	2A	46D	46D	46D	48C	48C	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.64	0
	[66A]	2A	46D	46D	46D	48C	48C	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.67	0.06
2A-46D-[48C]-66A	2A	46D	46D	46D	[48C]	[48C]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.59	-0.05
	66A	2A	46D	46D	46D	[48C]	[48C]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.69	0.08
2A-46D-[48C]-[66A]	2A	46D	46D	46D	[48C]	[48C]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.53	-0.11
	[66A]	2A	46D	46D	46D	[48C]	[48C]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.56	-0.05
[2A]-46D-48C-66A	[2A]	46D	46D	46D	48C	48C	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.59	-0.05
	66A	[2A]	46D	46D	46D	48C	48C	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.48	-0.13
[2A]-46D-48C-[66A]	[2A]	46D	46D	46D	48C	48C	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.76	0.12
	[66A]	[2A]	46D	46D	46D	48C	48C	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.55	-0.06
[2A]-46D-[48C]-66A	[2A]	46D	46D	46D	[48C]	[48C]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	20	66536	2120	23.64	23.53	-0.11
	66A	[2A]	46D	46D	46D	[48C]	[48C]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	55340	3560	20	55538	3580	23.61	23.64	0.03
[2A]-46E-48A-66A	[2A]	46E	46E	46E	46E	48A	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.64	0
	66A	[2A]	46E	46E	46E	46E	48A	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.56	-0.05
2A-46E-[48A]-66A	2A	46E	46E	46E	46E	[48A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.57	-0.07
	66A	2A	46E	46E	46E	46E	[48A]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.76	0.15
2A-46E-48A-[66A]	2A	46E	46E	46E	46E	48A	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.76	0.12
	[66A]	2A	46E	46E	46E	46E	48A	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.68	0.07
[2A]-46E-[48A]-66A	[2A]	46E	46E	46E	46E	[48A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.73	0.09
	66A	[2A]	46E	46E	46E	46E	[48A]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.55	-0.06
[2A]-46E-48A-[66A]	[2A]	46E	46E	46E	46E	48A	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.78	0.14
	[66A]	[2A]	46E	46E	46E	46E	48A	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.56	-0.05
2A-46E-[48A]-[66A]	2A	46E	46E	46E	46E	[48A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.57	-0.07
	[66A]	2A	46E	46E	46E	46E	[48A]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.56	-0.05
[2A]-46E-[48A]-[66A]	[2A]	46E	46E	46E	46E	[48A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	66536	2120	23.64	23.49	-0.15
	[66A]	[2A]	46E	46E	46E	46E	[48A]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	23.61	23.76	0.15
[2A]-46C-48E	[2A]	46C	46C	48E	48E	48E	48E	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	23.64	23.55	-0.09
2A-46E-[48C]	2A	46E	46E	46E	46E	[48C]	[48C]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.64	23.54	-0.1
[2A]-46E-48C	[2A]	46E	46E	46E	46E	48C	48C	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.64	23.77	0.13
[2A]-46E-[48C]	[2A]	46E	46E	46E	46E	[48C]	[48C]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.64	23.55	-0.09
[2A]-46E-66A-66A	[2A]	46E	46E	46E	46E	66A	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.66	0.02
	66A	66A	[2A]	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.66	0.05
2A-46E-[66A]-66A	2A	46E	46E	46E	46E	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.6	-0.04
	[66A]	66A	2A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.46	-0.15
	66A	[66A]	2A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.7	0.09
[2A]-46E-[66A]-66A	[2A]	46E	46E	46E	46E	[66A]	66A	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.76	0.12
	[66A]	66A	[2A]	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.69	0.08
	66A	[66A]	[2A]	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.7	0.09
2A-46E-[66A]-[66A]	2A	46E	46E	46E	46E	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.65	0.01
	[66A]	[66A]	2A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.55	-0.06
[2A]-46E-[66A]-[66A]	[2A]	46E	46E	46E	46E	[66A]	[66A]	QPSK	20	18700	1860	1	0	20	700	1940	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	23.64	23.52	-0.12
	[66A]	[66A]	[2A]	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	20	900	1960	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.49	-0.12
5A-46E-[66A]-66A	5A	46E	46E	46E	46E	[66A]	66A	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	24.07	23.99	-0.08
	[66A]	66A	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.7	0.09
	66A	[66A]	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.65	0.04
5A-46E-[66A]-[66A]	5A	46E	46E	46E	46E	[66A]	[66A]	QPSK	10	20525	836.5	1	49	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	66536	2120	20	67036	2170	24.07	23.99	-0.08
	[66A]	[66A]	5A	46E	46E	46E	46E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	67036	2170	10	2525	881.5	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	23.61	23.62	0.01
46C-48E-[66A]	[66A]	46C	46C	48E	48E	48E	48E	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	55340	3560	20	55538	3580	20	55736	3600	20	55934	3619	23.61	23.7	0.09
46E-48C-[66A]	[66A]	46E	46E	46E	46E	48C	48C	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.61	23.53	-0.08
46E-[48C]-66A	66A	46E	46E	46E	46E	[48C]	[48C]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.61	23.66	0.05
46E-[48C]-[66A]	[66A]	46E	46E	46E	46E	[48C]	[48C]	QPSK	20	1E+05	1720	1	99	20	66536	2120	20	50665	5538	20	50863	5557	20	51061	5577	20	51259	5597	20	55340	3560	20	55538	3580	23.61	23.67	0.06

Note:

1. Per KDB 941225 D05A LTE Rel. 10 KDB Inquiry Sheet: SAR is excluded for Carrier Aggregation when measured power does not exceed LTE Release 8 by more than a 1/4 dB.
2. When the same frequency band is used for both contiguous and non-contiguous in DL CA Intra band, power was measured using the configuration with the largest aggregated bandwidth and maximum output power among the contiguous and non-contiguous in DL CA Intra band configurations.

- END -