

LTE CA_7C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
10+20	21006	2525.6	21150	2540	1	49	1	0	22.02	21.73	19.4
					1	0	1	99	13.38	14.15	13.81
					50	0	100	0	20.39	19.28	19.54
20+10	21051	2530.1	21195	2544.5	1	99	1	0	22.24	21.68	19.11
					1	0	1	49	13.46	13.82	13.55
					100	0	50	0	20.25	19.29	19.56
15+10	21051	2530.1	21171	2542.1	1	74	1	0	22.08	21.77	19.45
					1	0	1	49	13.59	14.32	14.01
					75	0	50	0	20.34	19.35	19.42
15+15	21025	2527.5	21175	2542.5	1	74	1	0	22.2	21.9	19.54
					1	0	1	74	13.53	14.33	13.99
					75	0	75	0	20.43	19.53	19.52
15+20	21003	2525.3	21174	2542.4	1	74	1	0	22.25	21.96	19.69
					1	0	1	99	13.55	14.26	13.95
					75	0	100	0	20.45	19.44	19.54
20+15	21026	2527.6	21197	2544.7	1	99	1	0	21.97	21.36	19.13
					1	0	1	74	13.34	13.73	13.42
					100	0	75	0	20.24	19.26	19.27
20+20	21001	2525.1	21199	2544.9	1	99	1	0	22.25	21.69	19.39
					1	0	1	99	13.43	13.57	13.41
					100	0	100	0	20.26	19.29	19.34

LTE CA_7C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
10+20	21206	2545.6	21350	2560	1	49	1	0	21.61	21.36	19.02
					1	0	1	99	13.22	13.88	13.6
					50	0	100	0	20.1	19.13	19.03
20+10	21251	2550.1	21395	2564.5	1	99	1	0	21.94	21.43	19.15
					1	0	1	49	13.53	13.91	13.62
					100	0	50	0	20.22	18.97	19.32
15+10	21277	2552.7	21397	2564.7	1	74	1	0	21.7	21.34	19.03
					1	0	1	49	13.24	13.9	13.63
					75	0	50	0	20.12	18.96	19.01
15+15	21225	2547.5	21375	2562.5	1	74	1	0	21.75	21.46	19.08
					1	0	1	74	13.35	13.87	13.55
					75	0	75	0	20.06	19.07	19.13
15+20	21179	2542.9	21350	2560	1	74	1	0	21.74	21.09	19.05
					1	0	1	99	13.22	13.45	13.43
					75	0	100	0	19.86	18.9	18.85
20+15	21201	2545.1	21372	2562.2	1	99	1	0	21.71	21.09	18.69
					1	0	1	74	13.28	13.68	13.29
					100	0	75	0	19.88	18.81	18.92
20+20	21152	2540.2	21350	2560	1	99	1	0	21.92	21.33	18.93
					1	0	1	99	13.15	13.6	13.4
					100	0	100	0	20.1	19.12	19.13

Ant Gain(Ant 3)	-2.08
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LTE CA_38C / Low Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	37825	2577.5	37975	2592.5	1	74	1	0	22.23	21.08	19.05
					1	0	1	74	13.39	13.41	14.02
					75	0	75	0	20.5	19.25	19.11
20+20	37850	2580	38048	2599.8	1	99	1	0	21.98	21.24	19.04
					1	0	1	99	13.14	13.52	13.53
					100	0	100	0	20.13	19.11	19.03

LTE CA_38C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	37925	2587.5	38075	2602.5	1	74	1	0	22.47	21.3	19.18
					1	0	1	74	13.47	13.16	13.56
					75	0	75	0	20.56	19.25	19.15
20+20	37901	2585.1	38099	2604.9	1	99	1	0	22.05	21.29	19.06
					1	0	1	99	13.04	13.15	13.36
					100	0	100	0	20.09	19.08	19.01

LTE CA_38C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	38025	2597.5	38175	2612.5	1	74	1	0	22.43	21.4	19.5
					1	0	1	74	13.51	13.67	14.08
					75	0	75	0	20.41	19.44	19.42
20+20	37952	2590.2	38150	2610	1	99	1	0	22.27	21.36	19.11
					1	0	1	99	13.32	13.55	13.37
					100	0	100	0	20.3	19.27	19.18

Ant Gain(Ant 3)		-2.03									
LTE CA_41C / Low Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	39683	2499.3	39800	2511	1	24	1	0	22.83	21.82	19.77
					1	0	1	99	14.34	14.53	14.61
					25	0	100	0	20.85	19.91	19.89
20+5	39750	2506	39867	2517.7	1	99	1	0	22.91	22.14	19.98
					1	0	1	0	14.23	14.53	13.99
					100	0	1	24	21.27	20.26	20.12
10+15	39703	2501.3	39823	2513.3	1	49	1	0	22.95	21.84	19.96
					1	0	1	74	14.09	14.01	14.9
					50	0	75	0	21.03	20.16	20.11
15+10	39725	2503.5	39845	2515.5	1	74	1	0	23.19	22.23	20.39
					1	0	1	49	11.56	14.53	13.82
					75	0	50	0	21.26	20.25	20.28
10+20	39705	2501.5	39849	2515.9	1	49	1	0	23.05	21.97	19.79
					1	0	1	99	13.98	14.19	14.62
					50	0	100	0	21.09	20.11	20.08
20+10	39750	2506	39894	2520.4	1	99	1	0	22.85	22.06	19.83
					1	0	1	49	14.19	14.56	14.63
					100	0	50	0	21.13	20.15	20.13
15+15	39725	2503.5	39875	2518.5	1	74	1	0	23.46	22.44	20.64
					1	0	1	74	11.81	14.62	14.02
					75	0	75	0	21.37	20.35	20.37
15+20	39728	2503.8	39899	2520.9	1	74	1	0	23.48	22.43	20.32
					1	0	1	99	14.57	14.86	14.58
					75	0	100	0	21.33	21.31	20.28
20+15	39750	2506	39921	2523.1	1	99	1	0	23.34	22.53	20.4
					1	0	1	74	14.43	14.8	14.07
					100	0	75	0	21.31	20.3	20.29
20+20	39750	2506	39948	2525.8	1	99	1	0	23.33	22.41	20.38
					1	0	1	99	14.27	14.6	14.61
					100	0	100	0	21.25	20.26	20.26

LTE CA_41C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	40528	2583.8	40645	2595.5	1	24	1	0	22.97	22.02	20.18
					1	0	1	99	13.78	14.15	13.85
					25	0	100	0	21.22	20.23	20.18
20+5	40595	2590.5	40712	2602.2	1	99	1	0	23.13	22.3	20.77
					1	0	1	0	23.03	21.88	19.36
					100	0	1	24	21.31	20.35	20.32
10+15	40549	2585.9	40669	2597.9	1	49	1	0	23.12	22.03	19.95
					1	0	1	74	14.51	14.18	14.59
					50	0	75	0	21.26	20.26	20.25
15+10	40571	2588.1	40691	2600.1	1	74	1	0	23.38	22.27	20.22
					1	0	1	49	14.63	14.6	14.33
					75	0	50	0	21.35	20.31	20.35
10+20	40526	2583.6	40670	2598	1	49	1	0	23.06	21.94	19.95
					1	0	1	99	14.33	14.69	14.41
					50	0	100	0	21.2	20.16	20.25
20+10	40571	2588.1	40715	2602.5	1	99	1	0	23.1	21.97	20.57
					1	0	1	49	14.43	14.52	14.84
					100	0	50	0	21.29	20.31	20.3
15+15	40545	2585.5	40695	2600.5	1	74	1	0	23.4	22.26	20.52
					1	0	1	74	14.53	14.72	14.95
					75	0	75	0	21.35	20.35	20.36
15+20	40523	2583.3	40694	2600.4	1	74	1	0	23.37	22.25	20.31
					1	0	1	99	14.46	14.68	14.62
					75	0	100	0	21.22	20.2	20.21
20+15	40546	2585.6	40717	2602.7	1	99	1	0	23.13	22.34	20.3
					1	0	1	74	14.27	14.31	14.78
					100	0	75	0	21.27	20.31	20.3
20+20	40521	2583.1	40719	2602.9	1	99	1	0	23.21	22.43	20.24
					1	0	1	99	14.23	14.38	13.87
					100	0	100	0	21.19	20.19	20.13

LTE CA_41C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	41373	2668.3	41490	2680	1	24	1	0	23.07	22.04	20.21
					1	0	1	99	14.2	14.54	14.96
					25	0	100	0	21.48	20.04	19.99
20+5	41440	2675	41557	2686.7	1	99	1	0	23.06	22.3	20.09
					1	0	1	0	14.65	14.94	15.05
					100	0	1	24	21.42	20.41	20.4
10+15	41395	2670.5	41515	2682.5	1	49	1	0	23.15	22.03	20.05
					1	0	1	74	14.5	14.26	15.12
					50	0	75	0	21.36	20.34	20.35
15+10	41417	2672.7	41537	2684.7	1	74	1	0	23.33	22.18	20.16
					1	0	1	49	14.75	15.08	14.51
					75	0	50	0	21.46	20.41	20.39
10+20	41346	2665.6	41490	2680	1	49	1	0	23.07	22.03	20.06
					1	0	1	99	14.49	14.73	14.66
					50	0	100	0	21.32	20.24	20.32
20+10	41391	2670.1	41535	2684.5	1	99	1	0	23.1	22.37	20.11
					1	0	1	49	14.65	14.75	14.98
					100	0	50	0	21.41	20.4	20.34
15+15	41365	2667.5	41515	2682.5	1	74	1	0	23.39	22.1	20.22
					1	0	1	74	14.7	15.02	14.96
					75	0	75	0	21.4	20.38	20.36
15+20	41319	2662.9	41490	2680	1	74	1	0	23.41	22.24	20.26
					1	0	1	99	14.66	14.75	14.83
					75	0	100	0	21.45	20.37	20.34
20+15	41341	2665.1	41512	2682.2	1	99	1	0	23.04	22.21	20.06
					1	0	1	74	14.41	14.58	14.53
					100	0	75	0	21.31	20.31	20.22
20+20	41292	2660.2	41490	2680	1	99	1	0	23.04	22.3	20.11
					1	0	1	99	14.37	14.41	14.38
					100	0	100	0	21.23	20.21	20.19

Ant Gain(Ant 4)	-4.74			
Modulation	Band	WCDMA Band IV		
	Tx Channel	1312CH	1413CH	1513CH
	Frequency	1712.4MHz	1732.6MHz	1752.6MHz
QPSK	RMC 12.2K	22.45	22.41	22.33
	HSDPA Subtest-1	21.41	21.33	21.33
	HSDPA Subtest-2	21.42	21.34	21.3
	HSDPA Subtest-3	20.89	20.83	20.85
	HSDPA Subtest-4	20.88	20.81	20.82
	HSUPA Subtest-1	20.57	20.44	20.46
	HSUPA Subtest-2	19.23	19.11	19.07
	HSUPA Subtest-3	20.07	19.96	19.89
	HSUPA Subtest-4	19.53	19.43	19.38
	HSUPA Subtest-5	22.09	21.98	21.93

Ant Gain(Ant 4)	-4.74					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19957CH	20175CH	20393CH
				1710.7MHz	1732.5MHz	1754.3MHz
4 / 1.4MHz	QPSK	1	0	22.16	22.03	21.94
		1	2	22.13	22.04	21.94
		1	5	22.14	22.03	21.95
		3	0	22.00	22.05	21.96
		3	1	22.02	22.03	21.98
		3	2	22.01	21.99	21.99
		6	0	21.04	21.05	20.96
	16QAM	1	0	21.41	21.07	21.11
		1	2	21.38	21.07	21.11
		1	5	21.39	21.10	21.11
		3	0	21.22	21.20	21.02
		3	1	21.22	21.21	21.01
		3	2	21.20	21.16	21.03
		6	0	20.07	20.38	20.26
	64QAM	1	0	20.55	20.36	20.35
		1	2	20.56	20.38	20.33
		1	5	20.54	20.35	20.38
		3	0	20.48	20.31	20.11
		3	1	20.49	20.29	20.12
		3	2	20.49	20.27	20.13
		6	0	19.16	19.49	19.21

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19965CH	20175CH	20385CH
				1711.5MHz	1732.5MHz	1753.5MHz
4 / 3MHz	QPSK	1	0	21.99	22.06	21.98
		1	7	22.04	22.17	22.01
		1	14	22.09	22.07	21.96
		8	0	21.02	21.05	20.99
		8	4	21.01	21.05	20.96
		8	7	20.99	21.01	20.97
		15	0	21.02	21.00	21.00
	16QAM	1	0	20.96	21.42	21.02
		1	7	20.97	21.47	21.05
		1	14	20.94	21.43	21.00
		8	0	20.31	20.31	20.20
		8	4	20.31	20.30	20.20
		8	7	20.30	20.25	20.18
		15	0	20.22	20.21	20.12
	64QAM	1	0	20.46	20.37	20.39
		1	7	20.50	20.39	20.41
		1	14	20.48	20.40	20.35
		8	0	19.24	19.27	19.13
		8	4	19.25	19.26	19.11
		8	7	19.24	19.23	19.10
		15	0	19.17	19.21	19.20

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19975CH	20175CH	20375CH
				1712.5MHz	1732.5MHz	1752.5MHz
4 / 5MHz	QPSK	1	0	22.20	22.12	22.11
		1	13	22.17	22.08	22.07
		1	24	22.19	22.11	22.11
		12	0	21.01	21.06	21.03
		12	6	20.99	21.05	21.01
		12	11	21.03	21.03	20.99
		25	0	21.02	21.03	21.02
	16QAM	1	0	21.34	21.61	21.07
		1	13	21.31	21.59	21.04
		1	24	21.36	21.64	21.08
		12	0	20.26	20.37	20.24
		12	6	20.26	20.35	20.23
		12	11	20.30	20.34	20.18
		25	0	20.24	20.31	20.14
	64QAM	1	0	20.14	20.57	20.40
		1	13	20.15	20.59	20.38
		1	24	20.16	20.61	20.44
		12	0	19.23	19.18	19.22
		12	6	19.22	19.16	19.21
		12	11	19.21	19.13	19.19
		25	0	19.17	19.20	19.21

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20000CH	20175CH	20350CH
				1715MHz	1732.5MHz	1750MHz
4 / 10MHz	QPSK	1	0	21.98	22.06	21.99
		1	25	22.10	22.07	22.00
		1	49	21.99	22.03	21.97
		25	0	20.99	21.06	21.02
		25	13	21.04	21.07	20.99
		25	25	21.07	21.05	20.98
		50	0	21.09	21.07	21.04
	16QAM	1	0	20.95	21.44	21.01
		1	25	21.04	21.45	21.03
		1	49	20.93	21.44	21.03
		25	0	20.21	20.28	20.28
		25	13	20.27	20.30	20.26
		25	25	20.29	20.30	20.27
		50	0	20.23	20.26	20.21
	64QAM	1	0	20.46	20.39	20.35
		1	25	20.56	20.43	20.39
		1	49	20.45	20.39	20.35
		25	0	19.19	19.31	19.26
		25	13	19.26	19.33	19.26
		25	25	19.28	19.32	19.24
		50	0	19.23	19.29	19.18

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20025CH	20175CH	20325CH
				1717.5MHz	1732.5MHz	1747.5MHz
4 / 15MHz	QPSK	1	0	21.90	21.98	22.03
		1	38	22.01	22.05	22.03
		1	74	21.94	21.98	21.95
		36	0	21.00	21.01	21.02
		36	18	21.02	21.02	20.97
		36	39	21.01	21.04	20.95
		75	0	21.02	21.04	21.00
	16QAM	1	0	20.91	21.36	21.43
		1	38	20.98	21.44	21.39
		1	74	20.90	21.37	21.34
		36	0	20.17	20.23	20.16
		36	18	20.20	20.25	20.12
		36	39	20.18	20.26	20.10
		75	0	20.20	20.20	20.15
	64QAM	1	0	20.44	20.30	20.78
		1	38	20.54	20.40	20.81
		1	74	20.43	20.32	20.73
		36	0	19.19	19.27	19.19
		36	18	19.22	19.27	19.13
		36	39	19.19	19.27	19.13
		75	0	19.18	19.22	19.20

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20050CH	20175CH	20300CH
				1720MHz	1732.5MHz	1740MHz
4 / 20MHz	QPSK	1	0	22.06	22.10	21.99
		1	50	22.08	22.16	22.05
		1	99	22.06	22.06	21.92
		50	0	21.01	21.04	21.04
		50	25	21.07	21.09	21.07
		50	50	21.04	21.06	20.93
		100	0	21.02	21.06	20.98
	16QAM	1	0	21.54	21.43	21.39
		1	50	21.59	21.51	21.46
		1	99	21.53	21.40	21.33
		50	0	20.19	20.23	20.18
		50	25	20.25	20.25	20.20
		50	50	20.19	20.24	20.07
		100	0	20.21	20.22	20.16
	64QAM	1	0	20.49	20.54	20.77
		1	50	20.55	20.59	20.81
		1	99	20.51	20.47	20.72
		50	0	19.22	19.26	19.20
		50	25	19.27	19.28	19.24
		50	50	19.23	19.27	19.13
		100	0	19.19	19.24	19.12

Ant Gain(Ant 4)	-0.29					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20775CH	21100CH	21425CH
				2502.5MHz	2535MHz	2567.5MHz
7 / 5MHz	QPSK	1	0	21.88	21.85	21.88
		1	13	21.87	21.81	21.86
		1	24	21.89	21.81	21.84
		12	0	20.83	20.80	20.82
		12	6	20.82	20.74	20.77
		12	11	20.82	20.71	20.76
		25	0	20.82	20.74	20.82
	16QAM	1	0	20.84	20.99	21.34
		1	13	20.85	20.95	21.40
		1	24	20.89	20.95	21.44
		12	0	19.85	19.83	19.92
		12	6	19.84	19.80	19.91
		12	11	19.82	19.75	19.90
		25	0	19.78	19.75	19.86
	64QAM	1	0	19.73	20.05	19.96
		1	2	19.74	20.04	19.98
		1	5	19.79	20.03	20.02
		3	0	18.82	18.68	18.80
		3	1	18.77	18.67	18.78
		3	2	18.82	18.61	18.77
		6	0	18.81	18.68	18.77

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20800CH	21100CH	21400CH
				2505MHz	2535MHz	2565MHz
7 / 10MHz	QPSK	1	0	21.72	21.80	21.69
		1	25	21.75	21.78	21.71
		1	49	21.75	21.70	21.68
		25	0	20.73	20.77	20.77
		25	13	20.80	20.71	20.75
		25	25	20.84	20.74	20.86
		50	0	20.82	20.81	20.81
	16QAM	1	0	20.69	21.12	20.72
		1	25	20.71	21.12	20.78
		1	49	20.69	21.10	20.71
		25	0	19.77	19.81	19.86
		25	13	19.82	19.77	19.87
		25	25	19.85	19.80	19.94
		50	0	19.79	19.78	19.79
	64QAM	1	0	20.10	19.89	19.84
		1	25	20.11	19.89	19.91
		1	49	20.09	19.84	19.83
		25	0	18.77	18.84	18.80
		25	13	18.81	18.78	18.80
		25	25	18.83	18.79	18.84
		50	0	18.79	18.78	18.73

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20825CH	21100CH	21375CH
				2507.5MHz	2535MHz	2562.5MHz
7 / 15MHz	QPSK	1	0	21.65	21.75	21.70
		1	38	21.73	21.78	21.76
		1	74	21.65	21.66	21.72
		36	0	20.75	20.78	20.72
		36	18	20.75	20.72	20.74
		36	39	20.77	20.71	20.80
		75	0	20.77	20.78	20.77
	16QAM	1	0	20.65	21.13	21.08
		1	38	20.71	21.12	21.11
		1	74	20.63	21.01	20.98
		36	0	19.73	19.82	19.73
		36	18	19.75	19.76	19.71
		36	39	19.77	19.79	19.76
		75	0	19.76	19.75	19.74
	64QAM	1	0	20.05	19.88	20.23
		1	38	20.10	19.89	20.32
		1	74	20.07	19.77	20.24
		36	0	18.75	18.81	18.71
		36	18	18.77	18.77	18.72
		36	39	18.77	18.75	18.74
		75	0	18.75	18.75	18.77

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20850CH	21100CH	21350CH
				2510MHz	2535MHz	2560MHz
7 / 20MHz	QPSK	1	0	21.76	21.76	21.64
		1	50	21.82	21.83	21.73
		1	99	21.74	21.70	21.69
		50	0	20.70	20.83	20.84
		50	25	20.79	20.80	20.77
		50	50	20.73	20.79	20.78
		100	0	20.75	20.80	20.82
	16QAM	1	0	21.26	21.08	21.05
		1	50	21.33	21.18	21.15
		1	99	21.23	21.04	21.12
		50	0	19.70	19.79	19.84
		50	25	19.78	19.78	19.76
		50	50	19.77	19.75	19.73
		100	0	19.74	19.78	19.83
	64QAM	1	0	19.93	20.25	19.79
		1	50	20.03	20.36	19.88
		1	99	19.92	20.21	19.74
		50	0	18.71	18.77	18.77
		50	25	18.77	18.73	18.74
		50	50	18.77	18.73	18.72
		100	0	18.68	18.73	18.77

Ant Gain(Ant 1)	-9.70					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23017CH	23095CH	23173CH
				699.7MHz	707.5MHz	715.3MHz
12 / 1.4MHz	QPSK	1	0	23.86	23.84	23.91
		1	2	23.90	23.87	23.92
		1	5	23.85	23.85	23.89
		3	0	23.89	23.89	23.87
		3	1	23.87	23.90	23.88
		3	2	23.85	23.91	23.89
		6	0	22.88	22.89	22.91
	16QAM	1	0	22.88	23.02	22.88
		1	2	22.91	23.03	22.87
		1	5	22.92	23.02	22.88
		3	0	23.05	22.92	23.01
		3	1	23.05	22.92	23.03
		3	2	23.03	22.95	23.00
		6	0	22.04	22.00	22.04
	64QAM	1	0	22.06	22.20	22.02
		1	2	22.08	22.27	22.04
		1	5	22.08	22.19	21.97
		3	0	21.83	22.15	21.95
		3	1	21.82	22.17	21.98
		3	2	21.82	22.17	21.99
		6	0	20.90	20.81	21.11

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23025CH	23095CH	23165CH
				700.5MHz	707.5MHz	714.5MHz
12 / 3MHz	QPSK	1	0	23.81	23.85	23.81
		1	7	23.85	23.91	23.83
		1	14	23.87	23.87	23.81
		8	0	22.87	22.84	22.85
		8	4	22.84	22.88	22.86
		8	7	22.85	22.83	22.83
		15	0	22.88	22.86	22.87
	16QAM	1	0	22.91	22.80	23.18
		1	7	22.89	22.85	23.23
		1	14	22.90	22.78	23.19
		8	0	21.91	21.96	21.95
		8	4	21.88	21.97	21.93
		8	7	21.90	21.94	21.92
		15	0	21.82	21.89	21.86
	64QAM	1	0	22.18	22.01	22.05
		1	7	22.19	22.10	22.05
		1	14	22.19	22.09	22.01
		8	0	20.89	20.88	20.80
		8	4	20.88	20.89	20.79
		8	7	20.89	20.87	20.78
		15	0	20.83	20.88	20.87

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23035CH	23095CH	23155CH
				701.5MHz	707.5MHz	713.5MHz
12 / 5MHz	QPSK	1	0	23.98	23.92	23.94
		1	13	23.97	23.94	23.90
		1	24	23.96	23.94	23.96
		12	0	22.85	22.89	22.90
		12	6	22.86	22.91	22.89
		12	11	22.88	22.86	22.85
		25	0	22.89	22.87	22.90
	16QAM	1	0	23.15	23.39	22.95
		1	13	23.11	23.45	22.92
		1	24	23.17	23.43	22.95
		12	0	21.91	21.97	21.93
		12	6	21.92	21.99	21.93
		12	11	21.94	21.95	21.87
		25	0	21.94	21.93	21.85
	64QAM	1	0	21.79	22.15	21.83
		1	13	21.78	22.19	21.74
		1	24	21.82	22.19	21.79
		12	0	20.86	20.78	20.87
		12	6	20.87	20.80	20.87
		12	11	20.89	20.76	20.85
		25	0	20.85	20.81	20.83

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23060CH	23095CH	23130CH
				704MHz	707.5MHz	711MHz
12 / 10MHz	QPSK	1	0	23.86	23.78	23.83
		1	25	23.86	23.91	23.91
		1	49	23.88	23.87	23.92
		25	0	22.78	22.84	22.96
		25	13	22.87	22.90	22.91
		25	25	22.91	22.78	22.85
		50	0	22.87	22.81	22.95
	16QAM	1	0	22.84	23.16	22.83
		1	25	22.84	23.28	22.91
		1	49	22.84	23.25	22.89
		25	0	21.82	21.84	22.06
		25	13	21.91	21.93	22.00
		25	25	21.94	21.82	21.95
		50	0	21.82	21.81	21.97
	64QAM	1	0	22.25	21.99	21.97
		1	25	22.17	22.12	22.07
		1	49	22.21	22.03	22.05
		25	0	20.78	20.88	21.02
		25	13	20.87	20.94	20.96
		25	25	20.94	20.84	20.91
		50	0	20.84	20.82	20.88

Ant Gain(Ant 1)	-9.70					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				CH23205	CH23230	CH23255
				779.5MHz	782MHz	784.5MHz
13 / 5MHz	QPSK	1	0	24.15	24.11	24.19
		1	13	24.07	24.12	24.11
		1	24	24.13	24.10	24.17
		12	0	23.02	23.00	23.03
		12	6	23.01	23.02	23.03
		12	11	23.06	23.04	23.00
		25	0	23.08	23.05	23.03
	16QAM	1	0	23.20	23.27	23.58
		1	13	23.13	23.32	23.53
		1	24	23.17	23.32	23.58
		12	0	22.04	22.05	22.19
		12	6	22.05	22.09	22.16
		12	11	22.10	22.06	22.12
		25	0	22.00	22.07	22.07
	64QAM	1	0	22.32	21.99	22.33
		1	13	22.26	22.01	22.26
		1	24	22.31	22.01	22.38
		12	0	21.05	21.03	20.98
		12	6	21.03	21.07	20.97
		12	11	21.08	21.03	20.93
		25	0	21.06	21.01	20.98

LTE Band / BW	Modulation	RB Size	RB Offset	Mid CH
				CH23230
				782MHz
13 / 10MHz	QPSK	1	0	24.07
		1	25	24.06
		1	49	24.00
		25	0	22.96
		25	13	23.03
		25	25	23.02
		50	0	23.01
	16QAM	1	0	23.03
		1	25	23.03
		1	49	22.93
		25	0	21.95
		25	13	22.07
		25	25	22.01
		50	0	21.94
	64QAM	1	0	22.24
		1	25	22.24
		1	49	22.12
		25	0	20.99
		25	13	21.11
		25	25	21.07
		50	0	20.95

Ant Gain(Ant 1)	-9.70					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23755CH	23790CH	23825CH
				706.5MHz	710MHz	713.5MHz
17 / 5MHz	QPSK	1	0	23.87	23.93	23.93
		1	13	23.86	23.89	23.92
		1	24	23.93	23.93	24.00
		12	0	22.80	22.88	22.84
		12	6	22.83	22.84	22.83
		12	11	22.80	22.79	22.76
		25	0	22.83	22.87	22.82
	16QAM	1	0	22.91	23.11	23.33
		1	13	22.88	23.05	23.35
		1	24	22.94	23.11	23.41
		12	0	21.82	21.91	21.94
		12	6	21.85	21.86	21.92
		12	11	21.85	21.83	21.90
		25	0	21.80	21.87	21.87
	64QAM	1	0	22.06	21.77	22.08
		1	13	22.06	21.72	22.14
		1	24	22.14	21.78	22.20
		12	0	20.80	20.87	20.76
		12	6	20.82	20.83	20.74
		12	11	20.83	20.79	20.68
		25	0	20.83	20.82	20.75

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				23780CH	23790CH	23800CH
				709MHz	710MHz	711MHz
17 / 10MHz	QPSK	1	0	23.74	23.77	23.77
		1	25	23.83	23.84	23.81
		1	49	23.86	23.81	23.85
		25	0	22.88	22.88	22.94
		25	13	22.82	22.87	22.84
		25	25	22.77	22.77	22.82
		50	0	22.86	22.88	22.91
	16QAM	1	0	22.72	23.12	22.78
		1	25	22.81	23.19	22.84
		1	49	22.81	23.15	22.84
		25	0	21.88	21.92	22.04
		25	13	21.84	21.87	21.91
		25	25	21.80	21.79	21.88
		50	0	21.81	21.84	21.92
	64QAM	1	0	22.08	21.95	22.11
		1	25	22.21	22.02	22.12
		1	49	22.15	21.95	22.15
		25	0	20.88	20.93	21.00
		25	13	20.87	20.91	20.88
		25	25	20.76	20.82	20.81
		50	0	20.80	20.86	20.86

Ant Gain(Ant 4)	0.006					
LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37775CH	38000CH	38225CH
				2572.5MHz	2595MHz	2617.5MHz
38 / 5MHz	QPSK	1	0	22.36	22.36	22.34
		1	13	22.25	22.33	22.29
		1	24	22.31	22.37	22.31
		12	0	21.33	21.39	21.34
		12	6	21.29	21.37	21.33
		12	11	21.26	21.36	21.31
		25	0	21.34	21.37	21.35
	16QAM	1	0	21.70	21.60	21.58
		1	13	21.61	21.57	21.55
		1	24	21.64	21.56	21.60
		12	0	20.41	20.38	20.25
		12	6	20.34	20.35	20.27
		12	11	20.33	20.35	20.25
		25	0	20.32	20.36	20.34
	64QAM	1	0	20.92	20.59	20.31
		1	13	20.80	20.57	20.31
		1	24	20.84	20.59	20.32
		12	0	19.41	19.32	19.24
		12	6	19.27	19.18	19.25
		12	11	19.35	19.22	19.23
		25	0	19.27	19.25	19.32

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37800CH	38000CH	38200CH
				2575MHz	2595MHz	2615MHz
38 / 10MHz	QPSK	1	0	22.28	22.43	22.28
		1	25	22.26	22.40	22.26
		1	49	22.32	22.37	22.30
		25	0	21.29	21.39	21.25
		25	13	21.31	21.36	21.27
		25	25	21.35	21.29	21.33
		50	0	21.33	21.35	21.29
	16QAM	1	0	21.63	21.75	21.69
		1	25	21.59	21.74	21.65
		1	49	21.62	21.70	21.68
		25	0	20.30	20.37	20.28
		25	13	20.31	20.37	20.30
		25	25	20.34	20.30	20.34
		50	0	20.33	20.34	20.30
	64QAM	1	0	20.14	20.84	20.48
		1	25	20.10	20.84	20.47
		1	49	20.15	20.80	20.50
		25	0	19.30	19.29	19.13
		25	13	19.30	19.38	19.17
		25	25	19.38	19.36	19.20
		50	0	19.28	19.22	19.21

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37825CH	38000CH	38175CH
				2577.5MHz	2595MHz	2612.5MHz
38 / 15MHz	QPSK	1	0	22.20	22.33	22.28
		1	38	22.27	22.39	22.26
		1	74	22.14	22.27	22.25
		36	0	21.26	21.33	21.24
		36	18	21.28	21.30	21.23
		36	39	21.25	21.25	21.24
		75	0	21.28	21.31	21.26
	16QAM	1	0	21.57	21.68	21.54
		1	38	21.63	21.73	21.54
		1	74	21.48	21.64	21.50
		36	0	20.26	20.31	20.28
		36	18	20.29	20.27	20.25
		36	39	20.27	20.28	20.29
		75	0	20.29	20.27	20.25
	64QAM	1	0	20.07	20.75	20.34
		1	38	20.13	20.81	20.33
		1	74	19.98	20.72	20.30
		36	0	19.29	19.35	19.20
		36	18	19.32	19.31	19.14
		36	39	19.30	19.30	19.17
		75	0	19.21	19.25	19.22

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				37850CH	38000CH	38150CH
				2580MHz	2595MHz	2610MHz
38 / 20MHz	QPSK	1	0	22.21	22.36	22.29
		1	50	22.35	22.50	22.32
		1	99	22.21	22.35	22.22
		50	0	21.29	21.42	21.31
		50	25	21.32	21.39	21.29
		50	50	21.32	21.34	21.27
		100	0	21.30	21.34	21.27
	16QAM	1	0	21.56	21.35	21.76
		1	50	21.72	21.45	21.80
		1	99	21.55	21.31	21.70
		50	0	20.24	20.35	20.31
		50	25	20.30	20.34	20.29
		50	50	20.31	20.28	20.24
		100	0	20.28	20.30	20.26
	64QAM	1	0	20.35	20.54	20.74
		1	50	20.45	20.65	20.78
		1	99	20.31	20.51	20.70
		50	0	19.26	19.35	19.26
		50	25	19.29	19.32	19.16
		50	50	19.28	19.33	19.18
		100	0	19.26	19.31	19.20

Ant Gain(Ant 4)		0.008				
LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				40065CH	40640CH	41215CH
				2537.5MHz	2595MHz	2652.5MHz
41 / 5MHz	QPSK	1	0	22.90	22.80	22.74
		1	13	22.85	22.77	22.73
		1	24	22.87	22.78	22.75
		12	0	21.86	21.80	21.78
		12	6	21.84	21.77	21.74
		12	11	21.86	21.76	21.74
		25	0	21.85	21.80	21.74
	16QAM	1	0	22.19	22.05	22.05
		1	13	22.18	22.02	22.03
		1	24	22.21	22.02	22.03
		12	0	20.91	20.80	20.70
		12	6	20.92	20.78	20.69
		12	11	20.92	20.77	20.68
		25	0	20.86	20.77	20.76
	64QAM	1	0	21.13	20.81	21.29
		1	13	21.11	20.80	21.22
		1	24	21.14	20.79	21.25
		12	0	19.75	19.75	19.81
		12	6	19.76	19.72	19.76
		12	11	19.75	19.69	19.78
		25	0	19.74	19.78	19.69

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				40090CH	40640CH	41190CH
				2540MHz	2595MHz	2650MHz
41 / 10MHz	QPSK	1	0	22.79	22.88	22.73
		1	25	22.82	22.89	22.78
		1	49	22.83	22.84	22.75
		25	0	21.80	21.80	21.79
		25	13	21.85	21.79	21.77
		25	25	21.90	21.77	21.75
		50	0	21.87	21.81	21.80
	16QAM	1	0	22.13	22.18	22.12
		1	25	22.15	22.17	22.16
		1	49	22.15	22.13	22.11
		25	0	20.81	20.79	20.80
		25	13	20.86	20.77	20.79
		25	25	20.90	20.75	20.76
		50	0	20.84	20.77	20.80
	64QAM	1	0	20.63	21.29	20.93
		1	25	20.65	21.30	20.99
		1	49	20.66	21.25	20.93
		25	0	19.81	19.73	19.67
		25	13	19.84	19.71	19.66
		25	25	19.89	19.69	19.63
		50	0	19.79	19.71	19.71

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				40115CH	40640CH	41165CH
				2542.5MHz	2595MHz	2647.5MHz
41 / 15MHz	QPSK	1	0	22.73	22.85	22.76
		1	38	22.82	22.84	22.77
		1	74	22.73	22.73	22.70
		36	0	21.78	21.77	21.72
		36	18	21.81	21.76	21.76
		36	39	21.86	21.69	21.71
		75	0	21.82	21.75	21.77
	16QAM	1	0	22.10	22.20	21.99
		1	38	22.17	22.19	22.01
		1	74	22.06	22.09	21.93
		36	0	20.78	20.77	20.75
		36	18	20.82	20.74	20.78
		36	39	20.87	20.71	20.73
		75	0	20.84	20.75	20.72
	64QAM	1	0	20.60	21.28	20.78
		1	38	20.66	21.30	20.80
		1	74	20.59	21.17	20.74
		36	0	19.79	19.81	19.70
		36	18	19.84	19.78	19.68
		36	39	19.88	19.76	19.68
		75	0	19.75	19.75	19.73

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				40140CH	40640CH	41140CH
				2545MHz	2595MHz	2645MHz
41 / 20MHz	QPSK	1	0	22.87	22.76	22.66
		1	50	22.98	22.85	22.72
		1	99	22.87	22.70	22.64
		50	0	21.77	21.78	21.76
		50	25	21.86	21.82	21.78
		50	50	21.90	21.79	21.72
		100	0	21.80	21.78	21.76
	16QAM	1	0	22.07	21.82	22.19
		1	50	22.19	21.91	22.15
		1	99	22.06	21.76	22.17
		50	0	20.72	20.78	20.78
		50	25	20.81	20.78	20.76
		50	50	20.86	20.76	20.73
		100	0	20.79	20.75	20.73
	64QAM	1	0	21.30	20.81	20.98
		1	50	21.40	20.90	21.03
		1	99	21.25	20.77	20.93
		50	0	19.71	19.77	19.76
		50	25	19.80	19.79	19.76
		50	50	19.86	19.76	19.72
		100	0	19.76	19.73	19.75

Ant Gain(Ant 4)	-4.21					
LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131979CH	132322CH	132665CH
				1710.7MHz	1745MHz	1779.3MHz
66 / 1.4MHz	QPSK	1	0	22.47	22.51	22.72
		1	2	22.46	22.53	22.69
		1	5	22.52	22.52	22.71
		3	0	22.52	22.55	22.54
		3	1	22.54	22.58	22.57
		3	2	22.50	22.55	22.59
		6	0	21.58	21.54	21.60
	16QAM	1	0	21.71	21.92	21.53
		1	2	21.73	21.89	21.51
		1	5	21.71	21.91	21.57
		3	0	21.64	21.75	21.69
		3	1	21.62	21.75	21.69
		3	2	21.63	21.69	21.68
		6	0	20.69	20.40	20.70
	64QAM	1	0	20.78	20.74	20.83
		1	2	20.78	20.71	20.90
		1	5	20.73	20.77	20.82
		3	0	20.64	20.50	20.82
		3	1	20.67	20.51	20.84
		3	2	20.66	20.47	20.82
		6	0	19.99	19.76	19.67

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				131987CH	132322CH	132657CH
				1711.5MHz	1745MHz	1778.5MHz
66 / 3MHz	QPSK	1	0	22.56	22.56	22.56
		1	7	22.60	22.61	22.56
		1	14	22.61	22.53	22.54
		8	0	21.56	21.55	21.55
		8	4	21.56	21.55	21.55
		8	7	21.56	21.51	21.53
		15	0	21.56	21.52	21.59
	16QAM	1	0	21.55	21.91	21.60
		1	7	21.57	21.94	21.58
		1	14	21.50	21.92	21.57
		8	0	20.68	20.61	20.62
		8	4	20.66	20.59	20.59
		8	7	20.68	20.56	20.57
		15	0	20.62	20.54	20.52
	64QAM	1	0	20.87	20.85	20.74
		1	7	20.91	20.90	20.79
		1	14	20.87	20.85	20.80
		8	0	19.79	19.77	19.77
		8	4	19.79	19.76	19.76
		8	7	19.79	19.73	19.75
		15	0	19.71	19.66	19.76

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				131997CH	132322CH	132647CH
				1712.5MHz	1745MHz	1777.5MHz
66 / 5MHz	QPSK	1	0	22.73	22.65	22.66
		1	13	22.72	22.61	22.67
		1	24	22.75	22.65	22.66
		12	0	21.56	21.63	21.65
		12	6	21.55	21.57	21.58
		12	11	21.56	21.52	21.54
		25	0	21.60	21.53	21.58
	16QAM	1	0	21.92	22.16	21.54
		1	13	21.90	22.14	21.55
		1	24	21.93	22.17	21.57
		12	0	20.63	20.70	20.68
		12	6	20.61	20.67	20.61
		12	11	20.62	20.62	20.54
		25	0	20.61	20.60	20.51
	64QAM	1	0	20.51	20.88	20.76
		1	13	20.50	20.89	20.79
		1	24	20.54	20.89	20.85
		12	0	19.75	19.69	19.81
		12	6	19.75	19.66	19.75
		12	11	19.76	19.59	19.69
		25	0	19.70	19.65	19.75

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				132022CH	132322CH	132622CH
				1715MHz	1745MHz	1775MHz
66 / 10MHz	QPSK	1	0	22.54	22.55	22.55
		1	25	22.57	22.56	22.56
		1	49	22.59	22.52	22.54
		25	0	21.53	21.58	21.62
		25	13	21.60	21.55	21.60
		25	25	21.62	21.55	21.51
		50	0	21.61	21.60	21.60
	16QAM	1	0	21.55	21.94	21.55
		1	25	21.52	21.93	21.55
		1	49	21.53	21.87	21.55
		25	0	20.55	20.59	20.69
		25	13	20.60	20.56	20.68
		25	25	20.64	20.57	20.58
		50	0	20.56	20.56	20.59
	64QAM	1	0	20.84	20.75	20.87
		1	25	20.87	20.80	20.85
		1	49	20.90	20.72	20.86
		25	0	19.73	19.81	19.78
		25	13	19.80	19.77	19.81
		25	25	19.81	19.78	19.71
		50	0	19.73	19.77	19.74

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				132047CH	132322CH	132597CH
				1717.5MHz	1745MHz	1772.5MHz
66 / 15MHz	QPSK	1	0	22.50	22.59	22.45
		1	38	22.58	22.60	22.50
		1	74	22.50	22.50	22.43
		36	0	21.51	21.54	21.57
		36	18	21.55	21.52	21.56
		36	39	21.55	21.48	21.50
		75	0	21.57	21.51	21.55
	16QAM	1	0	21.46	21.92	21.86
		1	38	21.52	21.92	21.89
		1	74	21.46	21.83	21.83
		36	0	20.52	20.62	20.53
		36	18	20.56	20.56	20.52
		36	39	20.58	20.55	20.48
		75	0	20.55	20.51	20.50
	64QAM	1	0	20.84	21.14	20.80
		1	38	20.92	21.15	20.92
		1	74	20.84	21.06	20.80
		36	0	19.70	19.68	19.74
		36	18	19.75	19.68	19.75
		36	39	19.75	19.65	19.70
		75	0	19.72	19.70	19.70

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				132072CH	132322CH	132572CH
				1720MHz	1745MHz	1770MHz
66 / 20MHz	QPSK	1	0	22.61	22.64	22.42
		1	50	22.65	22.71	22.58
		1	99	22.62	22.52	22.47
		50	0	21.58	21.57	21.49
		50	25	21.63	21.60	21.56
		50	50	21.59	21.46	21.42
		100	0	21.58	21.49	21.44
	16QAM	1	0	22.15	21.91	21.84
		1	50	22.20	21.94	21.98
		1	99	22.13	21.84	21.90
		50	0	20.57	20.58	20.43
		50	25	20.62	20.60	20.54
		50	50	20.58	20.45	20.35
		100	0	20.56	20.47	20.43
	64QAM	1	0	20.83	21.14	20.61
		1	50	20.88	21.17	20.67
		1	99	20.84	21.05	20.58
		50	0	19.75	19.74	19.64
		50	25	19.80	19.75	19.74
		50	50	19.77	19.62	19.57
		100	0	19.71	19.62	19.60

Ant Gain(Ant 4)		-0.29									
LTE CA_7C / Low Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
10+20	20805	2505.5	20949	2519.9	1	49	1	0	20.85	20.15	18.13
					1	0	1	99	12.11	12.46	12.48
					50	0	100	0	19.1	18.09	18.06
20+10	20850	2510	20994	2524.4	1	99	1	0	21.09	20.51	18.2
					1	0	1	49	12.23	12.67	12.41
					100	0	50	0	19.13	18.12	18.16
15+10	20825	2507.5	20945	2519.5	1	74	1	0	21.16	20.81	18.49
					1	0	1	49	12.38	13.09	12.78
					75	0	50	0	19.19	18.19	18.25
15+15	20825	2507.5	20975	2522.5	1	74	1	0	21.07	20.59	18.52
					1	0	1	74	12.36	12.94	12.86
					75	0	75	0	19.12	18.1	18.07
15+20	20828	2507.8	20999	2524.9	1	74	1	0	21.16	20.65	18.61
					1	0	1	99	12.39	12.84	12.78
					75	0	100	0	19.12	18.17	18.16
20+15	20850	2510	21021	2527.1	1	99	1	0	21.08	20.41	18.07
					1	0	1	74	12.27	12.59	12.28
					100	0	75	0	19.07	18.04	18.15
20+20	20850	2510	21041	2529.8	1	99	1	0	21.02	20.34	18.37
					1	0	1	99	11.97	12.49	12.39
					100	0	100	0	19.08	18.04	18.11

LTE CA_7C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
10+20	21006	2525.6	21150	2540	1	49	1	0	21.14	20.83	18.44
					1	0	1	99	12.38	13.09	12.83
					50	0	100	0	19.38	18.36	18.39
20+10	21051	2530.1	21195	2544.5	1	99	1	0	21.11	20.77	18.11
					1	0	1	49	12.53	13.13	12.56
					100	0	50	0	19.41	18.43	18.42
15+10	21051	2530.1	21171	2542.1	1	74	1	0	21.31	20.96	18.64
					1	0	1	49	12.71	13.44	13.08
					75	0	50	0	19.43	18.46	18.48
15+15	21025	2527.5	21175	2542.5	1	74	1	0	21.32	20.84	18.79
					1	0	1	74	12.66	13.18	13.17
					75	0	75	0	19.53	18.44	18.48
15+20	21003	2525.3	21174	2542.4	1	74	1	0	21.33	20.83	18.72
					1	0	1	99	12.54	13.05	13.02
					75	0	100	0	19.39	18.37	18.41
20+15	21026	2527.6	21197	2544.7	1	99	1	0	21.26	20.66	18.33
					1	0	1	74	12.47	12.88	12.65
					100	0	75	0	19.47	18.52	18.49
20+20	21001	2525.1	21199	2544.9	1	99	1	0	21.26	20.68	18.41
					1	0	1	99	12.39	12.74	12.49
					100	0	100	0	19.43	18.41	18.4

LTE CA_7C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
10+20	21206	2545.6	21350	2560	1	49	1	0	20.89	20.58	18.29
					1	0	1	99	12.35	13.15	12.73
					50	0	100	0	19.28	18.21	18.25
20+10	21251	2550.1	21395	2564.5	1	99	1	0	20.94	20.31	18.03
					1	0	1	49	12.5	12.91	12.58
					100	0	50	0	19.25	18.26	18.3
15+10	21277	2552.7	21397	2564.7	1	74	1	0	21.05	20.72	18.34
					1	0	1	49	12.7	13.37	12.99
					75	0	50	0	19.39	18.35	18.38
15+15	21225	2547.5	21375	2562.5	1	74	1	0	21.03	20.75	18.41
					1	0	1	74	12.56	13.31	12.96
					75	0	75	0	19.35	18.33	18.34
15+20	21179	2542.9	21350	2560	1	74	1	0	21.12	20.82	18.51
					1	0	1	99	12.43	13.16	12.85
					75	0	100	0	19.17	18.19	18.22
20+15	21201	2545.1	21372	2562.2	1	99	1	0	20.93	20.59	17.96
					1	0	1	74	12.36	13.01	12.39
					100	0	75	0	19.23	18.24	18.29
20+20	21152	2540.2	21350	2560	1	99	1	0	21.06	20.42	18.16
					1	0	1	99	12.45	12.76	12.48
					100	0	100	0	19.22	18.2	18.17

Ant Gain(Ant 4)	0.006
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LTE CA_38C / Low Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	37825	2577.5	37975	2592.5	1	74	1	0	21.66	20.61	18.44
					1	0	1	74	12.95	12.62	13.47
					75	0	75	0	19.61	18.64	18.59
20+20	37850	2580	38048	2599.8	1	99	1	0	21.43	20.69	18.52
					1	0	1	99	12.49	12.79	12.67
					100	0	100	0	19.52	18.51	18.47

LTE CA_38C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	37925	2587.5	38075	2602.5	1	74	1	0	21.63	20.55	18.42
					1	0	1	74	12.88	12.93	13.01
					75	0	75	0	19.65	18.6	18.59
20+20	37901	2585.1	38099	2604.9	1	99	1	0	21.43	20.66	18.47
					1	0	1	99	12.53	12.8	12.69
					100	0	100	0	19.53	18.51	18.48

LTE CA_38C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
15+15	38025	2597.5	38175	2612.5	1	74	1	0	21.71	20.57	18.46
					1	0	1	74	12.88	12.85	12.99
					75	0	75	0	19.7	18.7	18.66
20+20	37952	2590.2	38150	2610	1	99	1	0	21.49	20.69	18.55
					1	0	1	99	12.55	12.86	12.19
					100	0	100	0	19.57	18.53	18.49

Ant Gain(Ant 4)		0.008									
LTE CA_41C / Low Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	39683	2499.3	39800	2511	1	24	1	0	22.06	21.06	19.01
					1	0	1	99	13.38	13.25	13.84
					25	0	100	0	20.15	19.1	19.14
20+5	39750	2506	39867	2517.7	1	99	1	0	22.06	21.23	19.66
					1	0	1	0	22.17	21.08	20.27
					100	0	1	24	20.28	19.26	19.32
10+15	39703	2501.3	39823	2513.3	1	49	1	0	22.14	21.04	19.02
					1	0	1	74	13.35	13.72	13.65
					50	0	75	0	20.24	19.2	19.09
15+10	39725	2503.5	39845	2515.5	1	74	1	0	22.35	21.37	19.44
					1	0	1	49	13.66	13.72	13.87
					75	0	50	0	20.33	19.32	19.35
10+20	39705	2501.5	39849	2515.9	1	49	1	0	22.14	21.03	19.01
					1	0	1	99	13.3	13.38	13.47
					50	0	100	0	20.18	19.14	19.17
20+10	39750	2506	39894	2520.4	1	99	1	0	22.12	21.24	19.24
					1	0	1	49	13.43	13.63	13.83
					100	0	50	0	20.29	19.27	19.25
15+15	39725	2503.5	39875	2518.5	1	74	1	0	22.43	21.32	19.17
					1	0	1	74	13.55	13.48	13.84
					75	0	75	0	20.31	19.27	19.26
15+20	39728	2503.8	39899	2520.9	1	74	1	0	22.43	21.24	19.16
					1	0	1	99	13.49	13.78	13.2
					75	0	100	0	20.23	19.18	19.22
20+15	39750	2506	39921	2523.1	1	99	1	0	22.18	21.43	19.21
					1	0	1	74	13.29	13.11	13.64
					100	0	75	0	20.27	19.26	19.29
20+20	39750	2506	39948	2525.8	1	99	1	0	22.19	21.43	19.37
					1	0	1	99	13.16	13.51	13.63
					100	0	100	0	20.17	19.2	19.17

LTE CA_41C / Mid Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	40528	2583.8	40645	2595.5	1	24	1	0	21.9	20.82	18.81
					1	0	1	99	13.13	13.66	13.65
					25	0	100	0	20.06	19.02	19.08
20+5	40595	2590.5	40712	2602.2	1	99	1	0	21.97	21.23	18.97
					1	0	1	0	13.39	13.61	13.68
					100	0	1	24	20.2	19.19	19.18
10+15	40549	2585.9	40669	2597.9	1	49	1	0	21.97	20.86	18.87
					1	0	1	74	13.18	13.46	13.21
					50	0	75	0	20.07	19.05	19.1
15+10	40571	2588.1	40691	2600.1	1	74	1	0	22.18	21.08	18.93
					1	0	1	49	13.43	13.66	13.51
					75	0	50	0	20.13	19.14	19.12
10+20	40526	2583.6	40670	2598	1	49	1	0	21.88	20.77	18.81
					1	0	1	99	13.16	13.5	13.21
					50	0	100	0	20.06	19.05	19.01
20+10	40571	2588.1	40715	2602.5	1	99	1	0	22.01	21.24	19.12
					1	0	1	49	13.32	13.48	13.69
					100	0	50	0	20.17	19.13	19.1
15+15	40545	2585.5	40695	2600.5	1	74	1	0	20.21	21.05	18.99
					1	0	1	74	13.42	13.43	13.93
					75	0	75	0	20.11	19.11	19.08
15+20	40523	2583.3	40694	2600.4	1	74	1	0	22.16	21.06	18.97
					1	0	1	99	13.3	13.52	13.26
					75	0	100	0	20.08	19.06	19.06
20+15	40546	2585.6	40717	2602.7	1	99	1	0	21.96	21.18	19.03
					1	0	1	74	13.08	12.85	12.86
					100	0	75	0	20.11	19.1	19.07
20+20	40521	2583.1	40719	2602.9	1	99	1	0	21.96	21.05	19.04
					1	0	1	99	12.93	12.82	13.28
					100	0	100	0	20.04	19.04	19.07

LTE CA_41C / High Range											
Bandwidth (MHz)	PCC CH	PCC Frequency (MHz)	SCC CH	SCC Frequency (MHz)	PCC RB Size	PCC Offset	SCC RB Size	SCC Offset	QPSK	16QAM	64QAM
5+20	41373	2668.3	41490	2680	1	24	1	0	21.92	20.89	18.85
					1	0	1	99	13.23	13.66	13.56
					25	0	100	0	20.08	19.07	19.1
20+5	41440	2675	41557	2686.7	1	99	1	0	21.82	21.06	18.91
					1	0	1	0	13.4	13.59	13.66
					100	0	1	24	20.18	19.18	19.14
10+15	41395	2670.5	41515	2682.5	1	49	1	0	21.93	20.81	18.79
					1	0	1	74	13.27	13.39	13.41
					50	0	75	0	20.14	19.12	19.14
15+10	41417	2672.7	41537	2684.7	1	74	1	0	22.07	20.96	18.87
					1	0	1	49	13.52	13.75	14.04
					75	0	50	0	20.19	19.22	19.17
10+20	41346	2665.6	41490	2680	1	49	1	0	21.94	20.83	18.81
					1	0	1	99	13.21	13.35	13.24
					50	0	100	0	20.09	19.06	19.11
20+10	41391	2670.1	41535	2684.5	1	99	1	0	21.83	20.95	18.91
					1	0	1	49	13.31	13.12	13.64
					100	0	50	0	20.18	19.2	19.18
15+15	41365	2667.5	41515	2682.5	1	74	1	0	22.12	21.12	19.14
					1	0	1	74	13.37	13.14	13.16
					75	0	75	0	20.18	19.18	19.17
15+20	41319	2662.9	41490	2680	1	74	1	0	22.18	21.07	18.89
					1	0	1	99	13.44	13.69	13.41
					75	0	100	0	20.16	19.18	19.17
20+15	41341	2665.1	41512	2682.2	1	99	1	0	20.87	20.12	19.01
					1	0	1	74	13.23	13.56	13.51
					100	0	75	0	20.18	19.21	19.19
20+20	41292	2660.2	41490	2680	1	99	1	0	21.91	21.09	19.13
					1	0	1	99	13.21	13.03	13.52
					100	0	100	0	20.21	19.16	19.22

Ant Gain(Ant 5)	-2.81					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19957CH	20175CH	20393CH
				1710.7MHz	1732.5MHz	1754.3MHz
4 / 1.4MHz	QPSK	1	0	22.07	22.13	22.24
		1	2	22.08	22.15	22.21
		1	5	22.06	22.15	22.24
		3	0	22.11	22.16	22.12
		3	1	22.09	22.17	22.16
		3	2	22.06	22.14	22.13
		6	0	21.10	21.17	21.16
	16QAM	1	0	21.17	21.31	21.52
		1	2	21.15	21.32	21.50
		1	5	21.19	21.31	21.49
		3	0	21.27	21.19	21.35
		3	1	21.31	21.21	21.32
		3	2	21.27	21.20	21.32
		6	0	20.45	20.46	20.19
	64QAM	1	0	20.46	20.54	20.69
		1	2	20.49	20.54	20.73
		1	5	20.42	20.57	20.70
		3	0	20.34	20.32	20.63
		3	1	20.35	20.33	20.63
		3	2	20.37	20.31	20.63
		6	0	19.56	19.40	19.29

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19965CH	20175CH	20385CH
				1711.5MHz	1732.5MHz	1753.5MHz
4 / 3MHz	QPSK	1	0	22.07	22.17	22.13
		1	7	22.12	22.24	22.16
		1	14	22.14	22.20	22.12
		8	0	21.08	21.17	21.15
		8	4	21.09	21.16	21.13
		8	7	21.09	21.12	21.14
		15	0	21.08	21.13	21.15
	16QAM	1	0	21.03	21.54	21.18
		1	7	21.05	21.58	21.21
		1	14	21.04	21.57	21.18
		8	0	20.39	20.44	20.38
		8	4	20.40	20.43	20.37
		8	7	20.39	20.37	20.35
		15	0	20.32	20.34	20.29
	64QAM	1	0	20.55	20.50	20.54
		1	7	20.59	20.53	20.55
		1	14	20.58	20.53	20.51
		8	0	19.32	19.38	19.29
		8	4	19.33	19.40	19.28
		8	7	19.34	19.37	19.27
		15	0	19.25	19.34	19.36

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				19975CH	20175CH	20375CH
				1712.5MHz	1732.5MHz	1752.5MHz
4 / 5MHz	QPSK	1	0	22.27	22.27	22.26
		1	13	22.26	22.22	22.23
		1	24	22.27	22.26	22.27
		12	0	21.07	21.20	21.20
		12	6	21.08	21.20	21.18
		12	11	21.13	21.14	21.16
		25	0	21.12	21.19	21.20
	16QAM	1	0	21.39	21.73	21.24
		1	13	21.38	21.73	21.20
		1	24	21.42	21.74	21.25
		12	0	20.33	20.50	20.38
		12	6	20.36	20.48	20.39
		12	11	20.39	20.46	20.35
		25	0	20.34	20.43	20.31
	64QAM	1	0	20.22	20.68	20.57
		1	13	20.24	20.72	20.55
		1	24	20.25	20.73	20.61
		12	0	19.27	19.30	19.39
		12	6	19.29	19.29	19.38
		12	11	19.34	19.24	19.38
		25	0	19.25	19.33	19.37

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20000CH	20175CH	20350CH
				1715MHz	1732.5MHz	1750MHz
4 / 10MHz	QPSK	1	0	22.06	22.17	22.17
		1	25	22.17	22.21	22.16
		1	49	22.08	22.21	22.13
		25	0	21.03	21.20	21.13
		25	13	21.12	21.20	21.15
		25	25	21.20	21.16	21.19
		50	0	21.17	21.21	21.21
	16QAM	1	0	21.04	21.53	21.17
		1	25	21.13	21.56	21.18
		1	49	21.01	21.56	21.16
		25	0	20.26	20.43	20.40
		25	13	20.35	20.42	20.42
		25	25	20.43	20.39	20.46
		50	0	20.31	20.40	20.39
	64QAM	1	0	20.53	20.50	20.52
		1	25	20.65	20.54	20.55
		1	49	20.55	20.52	20.51
		25	0	19.23	19.47	19.39
		25	13	19.34	19.46	19.40
		25	25	19.41	19.43	19.45
		50	0	19.32	19.40	19.35

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20025CH	20175CH	20325CH
				1717.5MHz	1732.5MHz	1747.5MHz
4 / 15MHz	QPSK	1	0	21.99	22.05	22.17
		1	38	22.09	22.17	22.21
		1	74	22.03	22.15	22.12
		36	0	21.03	21.16	21.15
		36	18	21.08	21.14	21.11
		36	39	21.11	21.15	21.15
		75	0	21.11	21.15	21.17
	16QAM	1	0	20.99	21.45	21.60
		1	38	21.08	21.58	21.59
		1	74	21.03	21.53	21.53
		36	0	20.24	20.39	20.31
		36	18	20.28	20.37	20.28
		36	39	20.29	20.40	20.29
		75	0	20.27	20.34	20.34
	64QAM	1	0	20.50	20.41	20.95
		1	38	20.65	20.53	20.97
		1	74	20.56	20.46	20.91
		36	0	19.24	19.38	19.33
		36	18	19.30	19.40	19.30
		36	39	19.29	19.38	19.32
		75	0	19.28	19.34	19.38

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20050CH	20175CH	20300CH
				1720MHz	1732.5MHz	1740MHz
4 / 20MHz	QPSK	1	0	22.12	22.24	22.15
		1	50	22.17	22.32	22.22
		1	99	22.15	22.21	22.10
		50	0	21.02	21.23	21.23
		50	25	21.16	21.25	21.24
		50	50	21.10	21.20	21.20
		100	0	21.06	21.20	21.19
	16QAM	1	0	21.61	21.49	21.55
		1	50	21.72	21.63	21.63
		1	99	21.68	21.54	21.50
		50	0	20.24	20.39	20.35
		50	25	20.34	20.39	20.35
		50	50	20.32	20.35	20.32
		100	0	20.26	20.34	20.35
	64QAM	1	0	20.57	20.92	20.52
		1	50	20.64	21.00	20.58
		1	99	20.62	20.92	20.47
		50	0	19.27	19.41	19.39
		50	25	19.36	19.39	19.39
		50	50	19.33	19.36	19.35
		100	0	19.26	19.33	19.36

Ant Gain(Ant 5)	-2.01					
LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20775CH	21100CH	21425CH
				2502.5MHz	2535MHz	2567.5MHz
7 / 5MHz	QPSK	1	0	21.85	21.86	21.88
		1	13	21.86	21.82	21.87
		1	24	21.88	21.83	21.85
		12	0	20.80	20.79	20.81
		12	6	20.82	20.76	20.80
		12	11	20.83	20.74	20.79
		25	0	20.82	20.75	20.84
	16QAM	1	0	20.84	21.01	21.34
		1	13	20.84	20.97	21.38
		1	24	20.88	21.00	21.43
		12	0	19.84	19.84	19.89
		12	6	19.84	19.83	19.91
		12	11	19.82	19.80	19.90
		25	0	19.78	19.81	19.87
	64QAM	1	0	20.03	19.71	20.04
		1	2	20.07	19.69	20.05
		1	5	20.10	19.71	20.04
		3	0	18.84	18.82	18.74
		3	1	18.81	18.72	18.72
		3	2	18.89	18.71	18.71
		6	0	18.86	18.75	18.77

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20800CH	21100CH	21400CH
				2505MHz	2535MHz	2565MHz
7 / 10MHz	QPSK	1	0	21.73	21.80	21.69
		1	25	21.78	21.79	21.71
		1	49	21.77	21.73	21.68
		25	0	20.76	20.78	20.75
		25	13	20.83	20.73	20.77
		25	25	20.86	20.79	20.83
		50	0	20.84	20.82	20.80
	16QAM	1	0	20.73	21.17	20.73
		1	25	20.76	21.16	20.77
		1	49	20.75	21.08	20.70
		25	0	19.80	19.83	19.86
		25	13	19.86	19.80	19.85
		25	25	19.90	19.85	19.91
		50	0	19.82	19.82	19.82
	64QAM	1	0	20.09	19.94	19.88
		1	25	20.13	19.93	19.93
		1	49	20.13	19.89	19.86
		25	0	18.81	18.85	18.83
		25	13	18.82	18.83	18.82
		25	25	18.87	18.89	18.90
		50	0	18.81	18.82	18.77

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20825CH	21100CH	21375CH
				2507.5MHz	2535MHz	2562.5MHz
7 / 15MHz	QPSK	1	0	21.69	21.79	21.69
		1	38	21.74	21.76	21.77
		1	74	21.66	21.64	21.72
		36	0	20.78	20.75	20.73
		36	18	20.81	20.71	20.74
		36	39	20.78	20.72	20.78
		75	0	20.80	20.75	20.79
	16QAM	1	0	20.68	21.15	21.11
		1	38	20.76	21.16	21.12
		1	74	20.65	21.02	20.94
		36	0	19.78	19.84	19.74
		36	18	19.79	19.79	19.72
		36	39	19.79	19.81	19.77
		75	0	19.78	19.77	19.76
	64QAM	1	0	20.09	19.90	20.25
		1	38	20.15	19.89	20.33
		1	74	20.08	19.80	20.23
		36	0	18.77	18.82	18.70
		36	18	18.80	18.75	18.72
		36	39	18.78	18.79	18.73
		75	0	18.77	18.79	18.78

LTE Band / BW	Modulation	RB Size	RB Offset	Low CH	Mid CH	High CH
				20850CH	21100CH	21350CH
				2510MHz	2535MHz	2560MHz
7 / 20MHz	QPSK	1	0	21.75	21.74	21.68
		1	50	21.80	21.82	21.76
		1	99	21.72	21.72	21.71
		50	0	20.71	20.79	20.90
		50	25	20.79	20.81	20.82
		50	50	20.76	20.80	20.83
		100	0	20.71	20.80	20.86
	16QAM	1	0	21.30	21.14	21.06
		1	50	21.36	21.22	21.16
		1	99	21.26	21.09	21.09
		50	0	19.74	19.80	19.86
		50	25	19.82	19.79	19.74
		50	50	19.80	19.79	19.74
		100	0	19.76	19.76	19.82
	64QAM	1	0	19.96	20.30	19.86
		1	50	20.05	20.40	19.94
		1	99	19.95	20.26	19.78
		50	0	18.73	18.80	18.96
		50	25	18.80	18.81	18.79
		50	50	18.78	18.78	18.81
		100	0	18.71	18.75	18.82

Ant Gain(Ant 5)	-1.59					
LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37775CH	38000CH	38225CH
				2572.5MHz	2595MHz	2617.5MHz
38 / 5MHz	QPSK	1	0	22.39	22.43	22.34
		1	13	22.29	22.35	22.31
		1	24	22.33	22.38	22.38
		12	0	21.36	21.43	21.35
		12	6	21.30	21.40	21.37
		12	11	21.30	21.36	21.34
		25	0	21.35	21.39	21.39
	16QAM	1	0	21.72	21.64	21.61
		1	13	21.62	21.61	21.60
		1	24	21.68	21.61	21.65
		12	0	20.42	20.41	20.33
		12	6	20.37	20.39	20.31
		12	11	20.36	20.39	20.30
		25	0	20.35	20.39	20.38
	64QAM	1	0	20.64	20.41	20.88
		1	13	20.55	20.36	20.84
		1	24	20.60	20.38	20.88
		12	0	19.24	19.36	19.39
		12	6	19.22	19.31	19.40
		12	11	19.21	19.32	19.38
		25	0	19.25	19.38	19.28

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37800CH	38000CH	38200CH
				2575MHz	2595MHz	2615MHz
38 / 10MHz	QPSK	1	0	22.32	22.45	22.33
		1	25	22.29	22.44	22.32
		1	49	22.32	22.40	22.35
		25	0	21.31	21.39	21.32
		25	13	21.31	21.38	21.34
		25	25	21.36	21.31	21.39
		50	0	21.36	21.37	21.33
	16QAM	1	0	21.78	21.66	21.68
		1	25	21.73	21.67	21.69
		1	49	21.77	21.61	21.72
		25	0	20.36	20.40	20.28
		25	13	20.36	20.38	20.31
		25	25	20.41	20.34	20.36
		50	0	20.39	20.34	20.31
	64QAM	1	0	20.17	20.86	20.50
		1	25	20.12	20.86	20.50
		1	49	20.18	20.81	20.54
		25	0	19.33	19.33	19.18
		25	13	19.34	19.32	19.18
		25	25	19.39	19.33	19.24
		50	0	19.30	19.33	19.24

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37825CH	38000CH	38175CH
				2577.5MHz	2595MHz	2612.5MHz
38 / 15MHz	QPSK	1	0	22.25	22.35	22.32
		1	38	22.31	22.39	22.33
		1	74	22.15	22.28	22.29
		36	0	21.30	21.34	21.30
		36	18	21.29	21.29	21.28
		36	39	21.30	21.29	21.29
		75	0	21.31	21.34	21.30
	16QAM	1	0	21.60	21.72	21.57
		1	38	21.66	21.76	21.57
		1	74	21.50	21.67	21.56
		36	0	20.29	20.33	20.34
		36	18	20.31	20.30	20.29
		36	39	20.30	20.32	20.32
		75	0	20.32	20.31	20.29
	64QAM	1	0	20.10	20.77	20.77
		1	38	20.17	20.84	20.77
		1	74	20.03	20.74	20.76
		36	0	19.35	19.36	19.31
		36	18	19.34	19.32	19.28
		36	39	19.35	19.35	19.32
		75	0	19.29	19.28	19.29

LTE Band / BW	Modulation	RB Sizer	RB Offset	Low CH	Mid CH	High CH
				37850CH	38000CH	38150CH
				2580MHz	2595MHz	2610MHz
38 / 20MHz	QPSK	1	0	22.32	22.26	22.43
		1	50	22.43	22.38	22.47
		1	99	22.26	22.24	22.38
		50	0	21.30	21.41	21.37
		50	25	21.35	21.39	21.34
		50	50	21.35	21.32	21.31
		100	0	21.32	21.38	21.34
	16QAM	1	0	21.59	21.38	21.79
		1	50	21.74	21.48	21.85
		1	99	21.56	21.34	21.78
		50	0	20.26	20.39	20.34
		50	25	20.32	20.36	20.33
		50	50	20.29	20.31	20.29
		100	0	20.29	20.33	20.31
	64QAM	1	0	20.84	20.34	20.57
		1	50	20.93	20.46	20.61
		1	99	20.77	20.31	20.56
		50	0	19.29	19.35	19.28
		50	25	19.33	19.34	19.28
		50	50	19.32	19.27	19.25
		100	0	19.29	19.30	19.31

Ant Gain(Ant 5)	-0.72					
LTE Band / BW	Modulation	RB Sizat	RB Offset	Low CH	Mid CH	High CH
				40065CH	40640CH	41215CH
				2537.5MHz	2595MHz	2652.5MHz
41 / 5MHz	QPSK	1	0	22.92	22.89	22.80
		1	13	22.89	22.84	22.76
		1	24	22.93	22.84	22.80
		12	0	21.91	21.86	21.81
		12	6	21.90	21.81	21.78
		12	11	21.91	21.80	21.77
		25	0	21.92	21.81	21.82
	16QAM	1	0	22.24	22.08	22.12
		1	13	22.23	22.06	22.12
		1	24	22.23	22.06	22.10
		12	0	20.96	20.85	20.81
		12	6	20.95	20.80	20.75
		12	11	20.97	20.79	20.74
		25	0	20.92	20.80	20.85
	64QAM	1	0	21.17	21.40	21.36
		1	13	21.16	21.34	21.31
		1	24	21.19	21.36	21.33
		12	0	19.80	19.88	19.90
		12	6	19.81	19.86	19.86
		12	11	19.79	19.85	19.83
		25	0	19.79	19.78	19.77

LTE Band / BW	Modulation	RB Sizat	RB Offset	Low CH	Mid CH	High CH
				40090CH	40640CH	41190CH
				2540MHz	2595MHz	2650MHz
41 / 10MHz	QPSK	1	0	22.85	22.90	22.78
		1	25	22.88	22.88	22.83
		1	49	22.87	22.85	22.78
		25	0	21.86	21.83	21.84
		25	13	21.90	21.79	21.82
		25	25	21.96	21.80	21.82
		50	0	21.95	21.85	21.86
	16QAM	1	0	22.20	22.23	22.15
		1	25	22.21	22.20	22.20
		1	49	22.21	22.17	22.15
		25	0	20.88	20.83	20.84
		25	13	20.92	20.80	20.83
		25	25	20.99	20.79	20.79
		50	0	20.92	20.82	20.84
	64QAM	1	0	20.69	21.34	20.99
		1	25	20.70	21.34	21.04
		1	49	20.72	21.31	21.00
		25	0	19.86	19.78	19.73
		25	13	19.91	19.76	19.72
		25	25	19.93	19.74	19.69
		50	0	19.86	19.75	19.75

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				40115CH	40640CH	41165CH
				2542.5MHz	2595MHz	2647.5MHz
41 / 15MHz	QPSK	1	0	22.91	22.77	22.80
		1	38	22.96	22.77	22.82
		1	74	22.88	22.67	22.75
		36	0	21.83	21.81	21.78
		36	18	21.88	21.79	21.80
		36	39	21.91	21.74	21.74
		75	0	21.89	21.80	21.82
	16QAM	1	0	22.16	22.25	22.04
		1	38	22.22	22.22	22.06
		1	74	22.11	22.13	22.00
		36	0	20.82	20.82	20.84
		36	18	20.86	20.80	20.83
		36	39	20.90	20.77	20.80
		75	0	20.87	20.79	20.79
	64QAM	1	0	20.66	21.32	20.84
		1	38	20.72	21.33	20.86
		1	74	20.62	21.22	20.80
		36	0	19.87	19.78	19.72
		36	18	19.92	19.80	19.74
		36	39	19.97	19.79	19.70
		75	0	19.82	19.78	19.77

LTE Band / BW	Modulation	RB Siset	RB Offset	Low CH	Mid CH	High CH
				40140CH	40640CH	41140CH
				2545MHz	2595MHz	2645MHz
41 / 20MHz	QPSK	1	0	22.78	22.88	22.76
		1	50	22.89	22.97	22.79
		1	99	22.74	22.83	22.71
		50	0	21.79	21.84	21.83
		50	25	21.89	21.86	21.85
		50	50	21.91	21.82	21.77
		100	0	21.84	21.83	21.80
	16QAM	1	0	22.14	21.86	22.25
		1	50	22.24	21.95	22.31
		1	99	22.08	21.80	22.22
		50	0	20.76	20.83	20.85
		50	25	20.86	20.84	20.84
		50	50	20.90	20.79	20.78
		100	0	20.81	20.81	20.79
	64QAM	1	0	21.37	20.86	21.01
		1	50	21.45	20.94	21.07
		1	99	21.29	20.80	20.96
		50	0	19.75	19.82	19.82
		50	25	19.86	19.82	19.82
		50	50	19.90	19.79	19.74
		100	0	19.82	19.75	19.80