

LTE B66-State 12 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 16 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 18 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	19.57	19.34	20.00
	3	LOW	QPSK	19.37	19.64	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	19.46	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.59	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	19.70	19.48	20.00
	15	LOW	QPSK	19.47	19.56	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	19.65	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	19.56	19.56	19.34	20.00
	25	LOW	QPSK	19.33	19.66	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	19.70	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	19.66	19.46	20.00
	50	LOW	QPSK	19.31	19.46	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	19.55	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	19.56	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	19.55	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	19.63	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	19.68	19.52	20.00
	100	LOW	QPSK	19.49	19.58	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	19.57	19.34	20.00
	3	LOW	QPSK	19.37	19.64	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
6	LOW	QPSK	19.37	19.46	19.30	20.00	
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
6	LOW	Q16	19.29	19.67	19.51	20.00	
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
6	LOW	64QAM	19.36	19.54	19.65	20.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.59	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	19.70	19.48	20.00
15	LOW	QPSK	19.47	19.56	19.40	20.00	
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
15	LOW	Q16	19.30	19.47	19.29	20.00	
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
15	LOW	64QAM	19.56	19.38	19.55	20.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	19.65	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	19.56	19.56	19.34	20.00
	25	LOW	QPSK	19.33	19.66	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	19.70	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	19.66	19.46	20.00
	50	LOW	QPSK	19.31	19.46	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	19.55	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	19.56	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	19.55	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	19.63	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	19.68	19.52	20.00
	100	LOW	QPSK	19.49	19.58	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	19.57	19.34	20.00
	3	LOW	QPSK	19.37	19.64	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
6	LOW	QPSK	19.37	19.46	19.30	20.00	
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
6	LOW	Q16	19.29	19.67	19.51	20.00	
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
6	LOW	64QAM	19.36	19.54	19.65	20.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.59	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	19.70	19.48	20.00
15	LOW	QPSK	19.47	19.56	19.40	20.00	
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
15	LOW	Q16	19.30	19.47	19.29	20.00	
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
15	LOW	64QAM	19.56	19.38	19.55	20.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	19.65	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	19.56	19.56	19.34	20.00
	25	LOW	QPSK	19.33	19.66	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	19.70	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	19.66	19.46	20.00
	50	LOW	QPSK	19.31	19.46	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	19.55	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	19.56	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	19.55	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	19.63	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	19.68	19.52	20.00
	100	LOW	QPSK	19.49	19.58	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 19 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	19.57	19.34	20.00
	3	LOW	QPSK	19.37	19.64	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	19.46	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.59	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	19.70	19.48	20.00
	15	LOW	QPSK	19.47	19.56	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	19.65	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	19.56	19.56	19.34	20.00
	25	LOW	QPSK	19.33	19.66	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	19.70	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	19.66	19.46	20.00
	50	LOW	QPSK	19.31	19.46	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	19.55	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	19.56	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	19.55	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	19.63	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	19.68	19.52	20.00
	100	LOW	QPSK	19.49	19.58	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 12 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 16 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 18 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
15	LOW	QPSK	21.74	21.88	21.99	23.00	
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
15	LOW	Q16	20.87	21.12	20.78	22.00	
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 20 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
6	LOW	QPSK	22.05	22.14	21.97	23.00	
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
6	LOW	Q16	20.89	21.20	20.97	22.00	
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
6	LOW	64QAM	19.93	20.34	20.35	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
3	15	LOW	QPSK	21.74	21.88	21.99	23.00
	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
HIGH		Q16	20.88	21.20	20.89	22.00	
3	1	LOW	Q16	20.87	21.12	20.78	22.00
		LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
	8	HIGH	64QAM	21.20	21.61	21.31	22.00
		LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
15	HIGH	64QAM	20.12	20.11	20.29	21.00	
15	LOW	64QAM	20.15	20.36	20.31	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	23.11	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	22.20	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	22.12	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 11-Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	19.57	19.34	20.00
	3	LOW	QPSK	19.37	19.64	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	19.46	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	19.59	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	19.70	19.48	20.00
	15	LOW	QPSK	19.47	19.56	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	19.65	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	19.56	19.56	19.34	20.00
	25	LOW	QPSK	19.33	19.66	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	19.70	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	19.66	19.46	20.00
	50	LOW	QPSK	19.31	19.46	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	19.55	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	19.56	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	19.55	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	19.63	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	19.68	19.52	20.00
	100	LOW	QPSK	19.49	19.58	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 15 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.54	17.76	17.67	18.00
		MID	QPSK	17.20	17.62	17.31	18.00
		HIGH	QPSK	17.50	17.51	17.30	18.00
	3	LOW	QPSK	17.81	17.83	17.45	18.00
		MID	QPSK	17.73	17.57	17.51	18.00
		HIGH	QPSK	17.61	17.68	17.44	18.00
1.4	1	LOW	QPSK	17.64	17.78	17.58	18.00
	3	LOW	Q16	17.50	17.66	17.75	18.00
		MID	Q16	17.53	17.69	17.46	18.00
		HIGH	Q16	17.50	17.59	17.76	18.00
	3	LOW	Q16	17.59	17.34	17.83	18.00
		MID	Q16	17.77	17.58	17.77	18.00
1.4	1	HIGH	Q16	17.64	17.68	17.83	18.00
	3	LOW	Q16	17.68	17.82	17.64	18.00
		MID	Q16	17.63	17.67	17.92	18.00
		HIGH	Q16	17.65	17.64	17.66	18.00
	3	LOW	64QAM	17.95	17.78	17.62	18.00
		MID	64QAM	17.52	17.61	17.81	18.00
1.4	1	HIGH	64QAM	17.63	17.51	17.82	18.00
	3	LOW	64QAM	17.71	17.63	17.60	18.00
		MID	64QAM	17.80	17.68	17.72	18.00
	3	LOW	64QAM	17.75	17.54	17.61	18.00
		MID	64QAM	17.31	17.58	17.36	18.00
		HIGH	64QAM	17.61	17.45	17.40	18.00
3	1	LOW	QPSK	17.75	17.65	17.67	18.00
		MID	QPSK	17.52	17.69	17.66	18.00
		HIGH	QPSK	17.50	17.59	17.62	18.00
	8	LOW	QPSK	17.55	17.90	17.56	18.00
		MID	QPSK	17.61	17.77	17.86	18.00
		HIGH	QPSK	17.62	17.83	17.51	18.00
3	1	LOW	Q16	17.52	17.68	17.65	18.00
	8	LOW	Q16	17.59	17.57	17.95	18.00
		MID	Q16	17.86	17.74	17.84	18.00
	15	HIGH	Q16	17.52	17.81	17.83	18.00
		LOW	Q16	17.82	17.84	17.61	18.00
		HIGH	Q16	17.42	17.96	17.83	18.00
3	1	MID	64QAM	17.76	17.70	17.73	18.00
	8	LOW	64QAM	17.93	17.73	17.61	18.00
		MID	64QAM	17.63	17.65	17.92	18.00
	15	HIGH	64QAM	17.78	17.63	17.89	18.00
		LOW	64QAM	17.73	17.81	17.70	18.00
		HIGH	64QAM	17.75	17.80	17.64	18.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.66	17.56	17.53	18.00
		MID	QPSK	17.37	17.44	17.25	18.00
		HIGH	QPSK	17.50	17.49	17.52	18.00
	12	LOW	QPSK	17.82	17.68	17.70	18.00
		MID	QPSK	17.68	17.74	17.50	18.00
		HIGH	QPSK	17.64	17.80	17.53	18.00
	25	LOW	QPSK	17.75	17.78	17.44	18.00
5	1	LOW	Q16	17.36	17.77	17.77	18.00
		MID	Q16	17.73	17.76	17.60	18.00
		HIGH	Q16	17.59	17.64	17.65	18.00
	12	LOW	Q16	17.63	17.35	17.90	18.00
		MID	Q16	17.97	17.53	17.86	18.00
		HIGH	Q16	17.52	17.72	17.93	18.00
	25	LOW	Q16	17.68	17.69	17.61	18.00
5	1	LOW	64QAM	17.56	17.82	17.74	18.00
		MID	64QAM	17.69	17.84	17.62	18.00
		HIGH	64QAM	17.86	17.80	17.64	18.00
	12	LOW	64QAM	17.65	17.70	17.92	18.00
		MID	64QAM	17.72	17.54	17.79	18.00
		HIGH	64QAM	17.78	17.68	17.54	18.00
	25	LOW	64QAM	17.82	17.68	17.80	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.68	17.67	17.58	18.00
		MID	QPSK	17.34	17.42	17.36	18.00
		HIGH	QPSK	17.56	17.49	17.28	18.00
	25	LOW	QPSK	17.84	17.86	17.68	18.00
		MID	QPSK	17.48	17.71	17.43	18.00
		HIGH	QPSK	17.77	17.71	17.36	18.00
	50	LOW	QPSK	17.82	17.85	17.61	18.00
10	1	LOW	Q16	17.45	17.82	17.93	18.00
		MID	Q16	17.73	17.82	17.70	18.00
		HIGH	Q16	17.55	17.70	17.71	18.00
	25	LOW	Q16	17.68	17.48	17.90	18.00
		MID	Q16	17.97	17.77	17.75	18.00
		HIGH	Q16	17.66	17.93	17.77	18.00
	50	LOW	Q16	17.93	17.85	17.80	18.00
10	1	LOW	64QAM	17.40	17.89	17.80	18.00
		MID	64QAM	17.71	17.89	17.84	18.00
		HIGH	64QAM	17.75	17.64	17.62	18.00
	25	LOW	64QAM	17.68	17.82	17.93	18.00
		MID	64QAM	17.54	17.58	17.82	18.00
		HIGH	64QAM	17.80	17.68	17.76	18.00
	50	LOW	64QAM	17.73	17.70	17.88	18.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)	
15	1	LOW	QPSK	17.66	17.54	17.74	18.00	
		MID	QPSK	17.32	17.37	17.36	18.00	
		HIGH	QPSK	17.50	17.44	17.54	18.00	
	36	LOW	QPSK	17.73	17.68	17.52	18.00	
		MID	QPSK	17.69	17.57	17.67	18.00	
		HIGH	QPSK	17.50	17.61	17.46	18.00	
	75	LOW	QPSK	17.66	17.87	17.65	18.00	
15	1	LOW	Q16	17.35	17.91	17.91	18.00	
		MID	Q16	17.73	17.76	17.58	18.00	
		HIGH	Q16	17.68	17.64	17.80	18.00	
	36	LOW	Q16	17.75	17.46	17.90	18.00	
		MID	Q16	17.77	17.76	17.70	18.00	
		HIGH	Q16	17.66	17.91	17.72	18.00	
	75	LOW	Q16	17.80	17.78	17.69	18.00	
15	1	LOW	64QAM	17.49	17.71	17.78	18.00	
		MID	64QAM	17.56	17.64	17.79	18.00	
		HIGH	64QAM	17.84	17.64	17.78	18.00	
	36	LOW	64QAM	17.72	17.79	17.99	18.00	
		MID	64QAM	17.72	17.52	17.98	18.00	
		HIGH	64QAM	17.68	17.88	17.65	18.00	
	75	LOW	64QAM	17.78	17.77	17.64	18.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)	
20	1	LOW	QPSK	17.68	17.72	17.65	18.00	
		MID	QPSK	17.34	17.53	17.34	18.00	
		HIGH	QPSK	17.54	17.63	17.47	18.00	
	50	LOW	QPSK	17.77	17.79	17.63	18.00	
		MID	QPSK	17.64	17.69	17.62	18.00	
		HIGH	QPSK	17.68	17.75	17.55	18.00	
20	100	LOW	QPSK	17.73	17.83	17.63	18.00	
	1	LOW	Q16	17.54	17.84	17.93	18.00	
		MID	Q16	17.73	17.87	17.65	18.00	
		HIGH	Q16	17.66	17.68	17.76	18.00	
	50	LOW	Q16	17.75	17.53	17.99	18.00	
		MID	Q16	17.90	17.72	17.84	18.00	
HIGH		Q16	17.66	17.86	17.88	18.00		
20	100	LOW	Q16	17.84	17.89	17.73	18.00	
		1	LOW	64QAM	17.56	17.87	17.87	18.00
			MID	64QAM	17.76	17.82	17.77	18.00
	HIGH		64QAM	17.86	17.80	17.73	18.00	
	50	LOW	64QAM	17.70	17.77	17.97	18.00	
		MID	64QAM	17.74	17.63	17.93	18.00	
HIGH		64QAM	17.73	17.79	17.74	18.00		
100	LOW	64QAM	17.82	17.84	17.84	18.00		

LTE B66-State 17 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.51	16.70	16.58	17.00
		MID	QPSK	16.58	16.40	16.36	17.00
		HIGH	QPSK	16.37	16.65	16.42	17.00
	3	LOW	QPSK	16.63	16.69	16.46	17.00
		MID	QPSK	16.43	16.38	16.43	17.00
		HIGH	QPSK	16.49	16.69	16.52	17.00
6	LOW	QPSK	16.86	16.88	16.90	17.00	
1.4	1	LOW	Q16	16.38	16.38	16.34	17.00
		MID	Q16	16.43	16.41	16.41	17.00
		HIGH	Q16	16.38	16.40	16.42	17.00
	3	LOW	Q16	16.61	16.51	16.38	17.00
		MID	Q16	16.37	16.46	16.32	17.00
		HIGH	Q16	16.38	16.69	16.38	17.00
6	LOW	Q16	16.81	16.62	16.81	17.00	
1.4	1	LOW	64QAM	16.38	16.65	16.27	17.00
		MID	64QAM	16.54	16.44	16.28	17.00
		HIGH	64QAM	16.60	16.55	16.60	17.00
	3	LOW	64QAM	16.60	16.62	16.48	17.00
		MID	64QAM	16.24	16.71	16.42	17.00
		HIGH	64QAM	16.21	16.55	16.37	17.00
6	LOW	64QAM	16.76	16.96	16.84	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	16.45	16.71	16.58	17.00
		MID	QPSK	16.68	16.63	16.31	17.00
		HIGH	QPSK	16.34	16.73	16.42	17.00
	8	LOW	QPSK	16.41	16.63	16.66	17.00
		MID	QPSK	16.45	16.37	16.63	17.00
		HIGH	QPSK	16.57	16.50	16.60	17.00
15	LOW	QPSK	16.89	16.79	16.85	17.00	
3	1	LOW	Q16	16.38	16.55	16.45	17.00
		MID	Q16	16.38	16.33	16.43	17.00
		HIGH	Q16	16.37	16.43	16.44	17.00
	8	LOW	Q16	16.39	16.56	16.42	17.00
		MID	Q16	16.39	16.46	16.55	17.00
		HIGH	Q16	16.49	16.62	16.47	17.00
15	LOW	Q16	16.77	16.74	16.88	17.00	
3	1	LOW	64QAM	16.36	16.47	16.17	17.00
		MID	64QAM	16.62	16.41	16.45	17.00
		HIGH	64QAM	16.45	16.43	16.49	17.00
	8	LOW	64QAM	16.38	16.59	16.61	17.00
		MID	64QAM	16.31	16.55	16.27	17.00
		HIGH	64QAM	16.34	16.47	16.58	17.00
15	LOW	64QAM	16.86	16.81	16.84	17.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	16.65	16.61	16.42	17.00
		MID	QPSK	16.63	16.65	16.38	17.00
		HIGH	QPSK	16.50	16.62	16.48	17.00
	12	LOW	QPSK	16.56	16.74	16.63	17.00
		MID	QPSK	16.37	16.55	16.47	17.00
		HIGH	QPSK	16.49	16.47	16.39	17.00
	25	LOW	QPSK	16.87	16.74	16.95	17.00
5	1	LOW	Q16	16.46	16.51	16.59	17.00
		MID	Q16	16.43	16.36	16.43	17.00
		HIGH	Q16	16.48	16.40	16.49	17.00
	12	LOW	Q16	16.53	16.37	16.25	17.00
		MID	Q16	16.47	16.50	16.55	17.00
		HIGH	Q16	16.58	16.46	16.47	17.00
	25	LOW	Q16	16.74	16.76	16.98	17.00
5	1	LOW	64QAM	16.43	16.72	16.40	17.00
		MID	64QAM	16.62	16.44	16.46	17.00
		HIGH	64QAM	16.53	16.58	16.34	17.00
	12	LOW	64QAM	16.60	16.51	16.56	17.00
		MID	64QAM	16.49	16.63	16.22	17.00
		HIGH	64QAM	16.34	16.48	16.53	17.00
	25	LOW	64QAM	16.76	16.81	16.76	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	16.45	16.75	16.47	17.00
		MID	QPSK	16.73	16.51	16.28	17.00
		HIGH	QPSK	16.52	16.72	16.50	17.00
	25	LOW	QPSK	16.43	16.59	16.53	17.00
		MID	QPSK	16.60	16.38	16.55	17.00
		HIGH	QPSK	16.41	16.67	16.35	17.00
	50	LOW	QPSK	16.97	16.96	16.83	17.00
10	1	LOW	Q16	16.35	16.45	16.49	17.00
		MID	Q16	16.40	16.51	16.33	17.00
		HIGH	Q16	16.37	16.37	16.40	17.00
	25	LOW	Q16	16.61	16.54	16.37	17.00
		MID	Q16	16.49	16.53	16.34	17.00
		HIGH	Q16	16.46	16.72	16.47	17.00
	50	LOW	Q16	16.96	16.82	16.98	17.00
10	1	LOW	64QAM	16.38	16.73	16.17	17.00
		MID	64QAM	16.52	16.46	16.35	17.00
		HIGH	64QAM	16.60	16.47	16.60	17.00
	25	LOW	64QAM	16.38	16.72	16.61	17.00
		MID	64QAM	16.29	16.48	16.47	17.00
		HIGH	64QAM	16.43	16.62	16.38	17.00
	50	LOW	64QAM	16.79	16.98	16.71	17.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	16.60	16.50	16.32	17.00
		MID	QPSK	16.63	16.65	16.31	17.00
		HIGH	QPSK	16.54	16.50	16.58	17.00
	36	LOW	QPSK	16.50	16.74	16.58	17.00
		MID	QPSK	16.48	16.43	16.53	17.00
		HIGH	QPSK	16.39	16.50	16.37	17.00
	75	LOW	QPSK	16.91	16.99	16.93	17.00
15	1	LOW	Q16	16.40	16.55	16.37	17.00
		MID	Q16	16.60	16.53	16.23	17.00
		HIGH	Q16	16.40	16.55	16.55	17.00
	36	LOW	Q16	16.58	16.36	16.24	17.00
		MID	Q16	16.44	16.46	16.57	17.00
		HIGH	Q16	16.63	16.69	16.37	17.00
	75	LOW	Q16	16.99	16.67	16.91	17.00
15	1	LOW	64QAM	16.49	16.58	16.24	17.00
		MID	64QAM	16.60	16.54	16.36	17.00
		HIGH	64QAM	16.53	16.50	16.34	17.00
	36	LOW	64QAM	16.38	16.76	16.49	17.00
		MID	64QAM	16.26	16.66	16.29	17.00
		HIGH	64QAM	16.38	16.42	16.58	17.00
	75	LOW	64QAM	16.71	16.91	16.84	17.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	16.58	16.68	16.50	17.00
		MID	QPSK	16.65	16.58	16.46	17.00
		HIGH	QPSK	16.47	16.65	16.55	17.00
	50	LOW	QPSK	16.58	16.66	16.58	17.00
		MID	QPSK	16.55	16.55	16.55	17.00
		HIGH	QPSK	16.49	16.62	16.52	17.00
	100	LOW	QPSK	16.99	16.91	16.98	17.00
20	1	LOW	Q16	16.53	16.53	16.52	17.00
		MID	Q16	16.55	16.48	16.38	17.00
		HIGH	Q16	16.40	16.55	16.47	17.00
	50	LOW	Q16	16.56	16.54	16.40	17.00
		MID	Q16	16.47	16.63	16.50	17.00
		HIGH	Q16	16.56	16.64	16.45	17.00
	100	LOW	Q16	16.91	16.74	16.98	17.00
20	1	LOW	64QAM	16.46	16.65	16.32	17.00
		MID	64QAM	16.62	16.51	16.38	17.00
		HIGH	64QAM	16.55	16.50	16.52	17.00
	50	LOW	64QAM	16.55	16.69	16.66	17.00
		MID	64QAM	16.42	16.63	16.40	17.00
		HIGH	64QAM	16.36	16.60	16.50	17.00
	100	LOW	64QAM	16.86	16.93	16.86	17.00

LTE B66-State 19 -Ant.0(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.54	17.76	17.67	18.00
		MID	QPSK	17.20	17.62	17.31	18.00
		HIGH	QPSK	17.50	17.51	17.30	18.00
	3	LOW	QPSK	17.81	17.83	17.45	18.00
		MID	QPSK	17.73	17.57	17.51	18.00
		HIGH	QPSK	17.61	17.68	17.44	18.00
6	LOW	QPSK	17.64	17.78	17.58	18.00	
1.4	1	LOW	Q16	17.50	17.66	17.75	18.00
		MID	Q16	17.53	17.69	17.46	18.00
		HIGH	Q16	17.50	17.59	17.76	18.00
	3	LOW	Q16	17.59	17.34	17.83	18.00
		MID	Q16	17.77	17.58	17.77	18.00
		HIGH	Q16	17.64	17.68	17.83	18.00
6	LOW	Q16	17.68	17.82	17.64	18.00	
1.4	1	LOW	64QAM	17.63	17.67	17.92	18.00
		MID	64QAM	17.65	17.64	17.66	18.00
		HIGH	64QAM	17.95	17.78	17.62	18.00
	3	LOW	64QAM	17.52	17.61	17.81	18.00
		MID	64QAM	17.63	17.51	17.82	18.00
		HIGH	64QAM	17.71	17.63	17.60	18.00
6	LOW	64QAM	17.80	17.68	17.72	18.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.75	17.54	17.61	18.00
		MID	QPSK	17.31	17.58	17.36	18.00
		HIGH	QPSK	17.61	17.45	17.40	18.00
	8	LOW	QPSK	17.75	17.65	17.67	18.00
		MID	QPSK	17.52	17.69	17.66	18.00
		HIGH	QPSK	17.50	17.59	17.62	18.00
15	LOW	QPSK	17.55	17.90	17.56	18.00	
3	1	LOW	Q16	17.61	17.77	17.86	18.00
		MID	Q16	17.62	17.83	17.51	18.00
		HIGH	Q16	17.52	17.68	17.65	18.00
	8	LOW	Q16	17.59	17.57	17.95	18.00
		MID	Q16	17.86	17.74	17.84	18.00
		HIGH	Q16	17.52	17.81	17.83	18.00
15	LOW	Q16	17.82	17.84	17.61	18.00	
3	1	LOW	64QAM	17.42	17.96	17.83	18.00
		MID	64QAM	17.76	17.70	17.73	18.00
		HIGH	64QAM	17.93	17.73	17.61	18.00
	8	LOW	64QAM	17.63	17.65	17.92	18.00
		MID	64QAM	17.78	17.63	17.89	18.00
		HIGH	64QAM	17.73	17.81	17.70	18.00
15	LOW	64QAM	17.75	17.80	17.64	18.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.66	17.56	17.53	18.00
		MID	QPSK	17.37	17.44	17.25	18.00
		HIGH	QPSK	17.50	17.49	17.52	18.00
	12	LOW	QPSK	17.82	17.68	17.70	18.00
		MID	QPSK	17.68	17.74	17.50	18.00
		HIGH	QPSK	17.64	17.80	17.53	18.00
	25	LOW	QPSK	17.75	17.78	17.44	18.00
5	1	LOW	Q16	17.36	17.77	17.77	18.00
		MID	Q16	17.73	17.76	17.60	18.00
		HIGH	Q16	17.59	17.64	17.65	18.00
	12	LOW	Q16	17.63	17.35	17.90	18.00
		MID	Q16	17.97	17.53	17.86	18.00
		HIGH	Q16	17.52	17.72	17.93	18.00
	25	LOW	Q16	17.68	17.69	17.61	18.00
5	1	LOW	64QAM	17.56	17.82	17.74	18.00
		MID	64QAM	17.69	17.84	17.62	18.00
		HIGH	64QAM	17.86	17.80	17.64	18.00
	12	LOW	64QAM	17.65	17.70	17.92	18.00
		MID	64QAM	17.72	17.54	17.79	18.00
		HIGH	64QAM	17.78	17.68	17.54	18.00
	25	LOW	64QAM	17.82	17.68	17.80	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.68	17.67	17.58	18.00
		MID	QPSK	17.34	17.42	17.36	18.00
		HIGH	QPSK	17.56	17.49	17.28	18.00
	25	LOW	QPSK	17.84	17.86	17.68	18.00
		MID	QPSK	17.48	17.71	17.43	18.00
		HIGH	QPSK	17.77	17.71	17.36	18.00
	50	LOW	QPSK	17.82	17.85	17.61	18.00
10	1	LOW	Q16	17.45	17.82	17.93	18.00
		MID	Q16	17.73	17.82	17.70	18.00
		HIGH	Q16	17.55	17.70	17.71	18.00
	25	LOW	Q16	17.68	17.48	17.90	18.00
		MID	Q16	17.97	17.77	17.75	18.00
		HIGH	Q16	17.66	17.93	17.77	18.00
	50	LOW	Q16	17.93	17.85	17.80	18.00
10	1	LOW	64QAM	17.40	17.89	17.80	18.00
		MID	64QAM	17.71	17.89	17.84	18.00
		HIGH	64QAM	17.75	17.64	17.62	18.00
	25	LOW	64QAM	17.68	17.82	17.93	18.00
		MID	64QAM	17.54	17.58	17.82	18.00
		HIGH	64QAM	17.80	17.68	17.76	18.00
	50	LOW	64QAM	17.73	17.70	17.88	18.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.66	17.54	17.74	18.00
		MID	QPSK	17.32	17.37	17.36	18.00
		HIGH	QPSK	17.50	17.44	17.54	18.00
	36	LOW	QPSK	17.73	17.68	17.52	18.00
		MID	QPSK	17.69	17.57	17.67	18.00
		HIGH	QPSK	17.50	17.61	17.46	18.00
	75	LOW	QPSK	17.66	17.87	17.65	18.00
15	1	LOW	Q16	17.35	17.91	17.91	18.00
		MID	Q16	17.73	17.76	17.58	18.00
		HIGH	Q16	17.68	17.64	17.80	18.00
	36	LOW	Q16	17.75	17.46	17.90	18.00
		MID	Q16	17.77	17.76	17.70	18.00
		HIGH	Q16	17.66	17.91	17.72	18.00
	75	LOW	Q16	17.80	17.78	17.69	18.00
15	1	LOW	64QAM	17.49	17.71	17.78	18.00
		MID	64QAM	17.56	17.64	17.79	18.00
		HIGH	64QAM	17.84	17.64	17.78	18.00
	36	LOW	64QAM	17.72	17.79	17.99	18.00
		MID	64QAM	17.72	17.52	17.98	18.00
		HIGH	64QAM	17.68	17.88	17.65	18.00
	75	LOW	64QAM	17.78	17.77	17.64	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.68	17.72	17.65	18.00
		MID	QPSK	17.34	17.53	17.34	18.00
		HIGH	QPSK	17.54	17.63	17.47	18.00
	50	LOW	QPSK	17.77	17.79	17.63	18.00
		MID	QPSK	17.64	17.69	17.62	18.00
		HIGH	QPSK	17.68	17.75	17.55	18.00
	100	LOW	QPSK	17.73	17.83	17.63	18.00
20	1	LOW	Q16	17.54	17.84	17.93	18.00
		MID	Q16	17.73	17.87	17.65	18.00
		HIGH	Q16	17.66	17.68	17.76	18.00
	50	LOW	Q16	17.75	17.53	17.99	18.00
		MID	Q16	17.90	17.72	17.84	18.00
		HIGH	Q16	17.66	17.86	17.88	18.00
	100	LOW	Q16	17.84	17.89	17.73	18.00
20	1	LOW	64QAM	17.56	17.87	17.87	18.00
		MID	64QAM	17.76	17.82	17.77	18.00
		HIGH	64QAM	17.86	17.80	17.73	18.00
	50	LOW	64QAM	17.70	17.77	17.97	18.00
		MID	64QAM	17.74	17.63	17.93	18.00
		HIGH	64QAM	17.73	17.79	17.74	18.00
	100	LOW	64QAM	17.82	17.84	17.84	18.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	23.00
		MID	QPSK	21.15	21.03	21.11	23.00
		HIGH	QPSK	21.18	21.10	21.23	23.00
	3	LOW	QPSK	21.11	21.21	21.15	23.00
		MID	QPSK	21.20	21.22	21.09	23.00
		HIGH	QPSK	21.03	21.09	21.16	23.00
6	LOW	QPSK	21.30	21.13	21.16	23.00	
1.4	1	LOW	Q16	21.29	21.08	21.43	23.00
		MID	Q16	21.24	21.27	21.07	23.00
		HIGH	Q16	21.11	21.13	21.40	23.00
	3	LOW	Q16	21.21	21.04	21.52	23.00
		MID	Q16	21.10	21.17	21.24	23.00
		HIGH	Q16	21.32	21.34	21.25	23.00
6	LOW	Q16	20.57	20.22	20.38	22.00	
1.4	1	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
6	LOW	64QAM	19.69	19.75	19.81	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	23.00
		MID	QPSK	21.11	21.15	21.11	23.00
		HIGH	QPSK	21.21	21.06	21.00	23.00
	8	LOW	QPSK	21.19	21.23	21.01	23.00
		MID	QPSK	21.09	21.26	21.17	23.00
		HIGH	QPSK	21.15	21.02	21.10	23.00
15	LOW	QPSK	21.08	21.00	21.09	23.00	
3	1	LOW	Q16	21.12	21.09	21.54	23.00
		MID	Q16	21.12	21.25	21.35	23.00
		HIGH	Q16	21.16	21.07	21.42	23.00
	8	LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
		HIGH	Q16	20.11	20.69	20.28	22.00
15	LOW	Q16	20.57	20.28	20.65	22.00	
3	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
15	LOW	64QAM	19.47	19.85	19.63	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	23.00
		MID	QPSK	21.15	21.16	21.03	23.00
		HIGH	QPSK	21.02	21.14	21.04	23.00
	12	LOW	QPSK	21.06	21.29	21.15	23.00
		MID	QPSK	21.09	21.01	21.13	23.00
		HIGH	QPSK	21.18	21.19	21.16	23.00
	25	LOW	QPSK	21.08	21.12	21.17	23.00
5	1	LOW	Q16	21.19	21.08	21.37	23.00
		MID	Q16	21.27	21.32	21.28	23.00
		HIGH	Q16	21.07	21.09	21.19	23.00
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	23.00
		MID	QPSK	21.14	21.05	21.16	23.00
		HIGH	QPSK	21.02	21.09	21.23	23.00
	25	LOW	QPSK	21.00	21.10	21.14	23.00
		MID	QPSK	21.14	21.20	21.21	23.00
		HIGH	QPSK	21.09	21.21	21.19	23.00
	50	LOW	QPSK	21.11	21.19	21.13	23.00
10	1	LOW	Q16	21.29	21.01	21.24	23.00
		MID	Q16	21.08	21.47	21.07	23.00
		HIGH	Q16	21.16	21.17	21.49	23.00
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	23.00
		MID	QPSK	21.04	21.01	21.04	23.00
		HIGH	QPSK	21.23	21.06	21.25	23.00
	36	LOW	QPSK	21.04	21.06	21.12	23.00
		MID	QPSK	21.10	21.33	21.21	23.00
		HIGH	QPSK	21.03	21.12	21.14	23.00
	75	LOW	QPSK	21.21	21.07	21.09	23.00
15	1	LOW	Q16	21.14	21.06	21.47	23.00
		MID	Q16	21.14	21.42	21.35	23.00
		HIGH	Q16	21.28	21.21	21.29	23.00
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	21.27	21.15	23.00
		MID	QPSK	21.06	21.18	21.04	23.00
		HIGH	QPSK	21.21	21.12	21.19	23.00
	50	LOW	QPSK	21.17	21.23	21.12	23.00
		MID	QPSK	21.09	21.22	21.13	23.00
		HIGH	QPSK	21.11	21.15	21.16	23.00
	100	LOW	QPSK	21.19	21.01	21.13	23.00
20	1	LOW	Q16	21.25	21.04	21.43	23.00
		MID	Q16	21.16	21.36	21.26	23.00
		HIGH	Q16	21.24	21.30	21.38	23.00
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 16 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	22.50
		MID	QPSK	21.15	21.03	21.11	22.50
		HIGH	QPSK	21.18	21.10	21.23	22.50
	3	LOW	QPSK	21.11	21.21	21.15	22.50
		MID	QPSK	21.20	21.22	21.09	22.50
		HIGH	QPSK	21.03	21.09	21.16	22.50
1.4	1	LOW	QPSK	21.30	21.13	21.16	22.50
	3	LOW	Q16	21.29	21.08	21.43	22.50
		MID	Q16	21.24	21.27	21.07	22.50
		HIGH	Q16	21.11	21.13	21.40	22.50
	3	LOW	Q16	21.21	21.04	21.52	22.50
		MID	Q16	21.10	21.17	21.24	22.50
1.4	1	HIGH	Q16	21.32	21.34	21.25	22.50
		LOW	Q16	20.57	20.22	20.38	22.00
	3	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
1.4	1	MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
		LOW	64QAM	19.69	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.50
		MID	QPSK	21.11	21.15	21.11	22.50
		HIGH	QPSK	21.21	21.06	21.00	22.50
	8	LOW	QPSK	21.19	21.23	21.01	22.50
		MID	QPSK	21.09	21.26	21.17	22.50
		HIGH	QPSK	21.15	21.02	21.10	22.50
3	15	LOW	QPSK	21.08	21.00	21.09	22.50
		LOW	Q16	21.12	21.09	21.54	22.50
		MID	Q16	21.12	21.25	21.35	22.50
	8	HIGH	Q16	21.16	21.07	21.42	22.50
		LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
3	15	HIGH	Q16	20.11	20.69	20.28	22.00
		LOW	Q16	20.57	20.28	20.65	22.00
	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
3	15	MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
		LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	22.50
		MID	QPSK	21.15	21.16	21.03	22.50
		HIGH	QPSK	21.02	21.14	21.04	22.50
	12	LOW	QPSK	21.06	21.29	21.15	22.50
		MID	QPSK	21.09	21.01	21.13	22.50
		HIGH	QPSK	21.18	21.19	21.16	22.50
	25	LOW	QPSK	21.08	21.12	21.17	22.50
5	1	LOW	Q16	21.19	21.08	21.37	22.50
		MID	Q16	21.27	21.32	21.28	22.50
		HIGH	Q16	21.07	21.09	21.19	22.50
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.50
		MID	QPSK	21.14	21.05	21.16	22.50
		HIGH	QPSK	21.02	21.09	21.23	22.50
	25	LOW	QPSK	21.00	21.10	21.14	22.50
		MID	QPSK	21.14	21.20	21.21	22.50
		HIGH	QPSK	21.09	21.21	21.19	22.50
	50	LOW	QPSK	21.11	21.19	21.13	22.50
10	1	LOW	Q16	21.29	21.01	21.24	22.50
		MID	Q16	21.08	21.47	21.07	22.50
		HIGH	Q16	21.16	21.17	21.49	22.50
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	22.50
		MID	QPSK	21.04	21.01	21.04	22.50
		HIGH	QPSK	21.23	21.06	21.25	22.50
	36	LOW	QPSK	21.04	21.06	21.12	22.50
		MID	QPSK	21.10	21.33	21.21	22.50
		HIGH	QPSK	21.03	21.12	21.14	22.50
	75	LOW	QPSK	21.21	21.07	21.09	22.50
15	1	LOW	Q16	21.14	21.06	21.47	22.50
		MID	Q16	21.14	21.42	21.35	22.50
		HIGH	Q16	21.28	21.21	21.29	22.50
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	21.27	21.15	22.50
		MID	QPSK	21.06	21.18	21.04	22.50
		HIGH	QPSK	21.21	21.12	21.19	22.50
	50	LOW	QPSK	21.17	21.23	21.12	22.50
		MID	QPSK	21.09	21.22	21.13	22.50
		HIGH	QPSK	21.11	21.15	21.16	22.50
	100	LOW	QPSK	21.19	21.01	21.13	22.50
20	1	LOW	Q16	21.25	21.04	21.43	22.50
		MID	Q16	21.16	21.36	21.26	22.50
		HIGH	Q16	21.24	21.30	21.38	22.50
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 18 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	22.00
		MID	QPSK	21.15	21.03	21.11	22.00
		HIGH	QPSK	21.18	21.10	21.23	22.00
	3	LOW	QPSK	21.11	21.21	21.15	22.00
		MID	QPSK	21.20	21.22	21.09	22.00
		HIGH	QPSK	21.03	21.09	21.16	22.00
6	LOW	QPSK	21.30	21.13	21.16	22.00	
1.4	1	LOW	Q16	21.29	21.08	21.43	22.00
		MID	Q16	21.24	21.27	21.07	22.00
		HIGH	Q16	21.11	21.13	21.40	22.00
	3	LOW	Q16	21.21	21.04	21.52	22.00
		MID	Q16	21.10	21.17	21.24	22.00
		HIGH	Q16	21.32	21.34	21.25	22.00
	6	LOW	Q16	20.57	20.22	20.38	22.00
		LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
1.4	1	HIGH	64QAM	20.67	20.38	20.95	22.00
		LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
	3	HIGH	64QAM	20.61	20.60	20.68	22.00
		LOW	64QAM	19.69	19.75	19.81	21.00
		6	LOW	64QAM	19.69	19.75	19.81
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.00
		MID	QPSK	21.11	21.15	21.11	22.00
		HIGH	QPSK	21.21	21.06	21.00	22.00
	8	LOW	QPSK	21.19	21.23	21.01	22.00
		MID	QPSK	21.09	21.26	21.17	22.00
		HIGH	QPSK	21.15	21.02	21.10	22.00
3	15	LOW	QPSK	21.08	21.00	21.09	22.00
		LOW	Q16	21.12	21.09	21.54	22.00
		MID	Q16	21.12	21.25	21.35	22.00
	1	HIGH	Q16	21.16	21.07	21.42	22.00
		LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
	8	HIGH	Q16	20.11	20.69	20.28	22.00
		LOW	Q16	20.57	20.28	20.65	22.00
		LOW	64QAM	20.56	20.28	20.40	22.00
3	1	MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
		LOW	64QAM	19.42	19.86	19.44	21.00
	8	MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
		LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	22.00
		MID	QPSK	21.15	21.16	21.03	22.00
		HIGH	QPSK	21.02	21.14	21.04	22.00
	12	LOW	QPSK	21.06	21.29	21.15	22.00
		MID	QPSK	21.09	21.01	21.13	22.00
		HIGH	QPSK	21.18	21.19	21.16	22.00
	25	LOW	QPSK	21.08	21.12	21.17	22.00
5	1	LOW	Q16	21.19	21.08	21.37	22.00
		MID	Q16	21.27	21.32	21.28	22.00
		HIGH	Q16	21.07	21.09	21.19	22.00
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.00
		MID	QPSK	21.14	21.05	21.16	22.00
		HIGH	QPSK	21.02	21.09	21.23	22.00
	25	LOW	QPSK	21.00	21.10	21.14	22.00
		MID	QPSK	21.14	21.20	21.21	22.00
		HIGH	QPSK	21.09	21.21	21.19	22.00
	50	LOW	QPSK	21.11	21.19	21.13	22.00
10	1	LOW	Q16	21.29	21.01	21.24	22.00
		MID	Q16	21.08	21.47	21.07	22.00
		HIGH	Q16	21.16	21.17	21.49	22.00
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	22.00
		MID	QPSK	21.04	21.01	21.04	22.00
		HIGH	QPSK	21.23	21.06	21.25	22.00
	36	LOW	QPSK	21.04	21.06	21.12	22.00
		MID	QPSK	21.10	21.33	21.21	22.00
		HIGH	QPSK	21.03	21.12	21.14	22.00
	75	LOW	QPSK	21.21	21.07	21.09	22.00
15	1	LOW	Q16	21.14	21.06	21.47	22.00
		MID	Q16	21.14	21.42	21.35	22.00
		HIGH	Q16	21.28	21.21	21.29	22.00
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	21.27	21.15	22.00
		MID	QPSK	21.06	21.18	21.04	22.00
		HIGH	QPSK	21.21	21.12	21.19	22.00
	50	LOW	QPSK	21.17	21.23	21.12	22.00
		MID	QPSK	21.09	21.22	21.13	22.00
		HIGH	QPSK	21.11	21.15	21.16	22.00
	100	LOW	QPSK	21.19	21.01	21.13	22.00
20	1	LOW	Q16	21.25	21.04	21.43	22.00
		MID	Q16	21.16	21.36	21.26	22.00
		HIGH	Q16	21.24	21.30	21.38	22.00
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 20 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	22.50
		MID	QPSK	21.15	21.03	21.11	22.50
		HIGH	QPSK	21.18	21.10	21.23	22.50
	3	LOW	QPSK	21.11	21.21	21.15	22.50
		MID	QPSK	21.20	21.22	21.09	22.50
		HIGH	QPSK	21.03	21.09	21.16	22.50
1.4	1	LOW	QPSK	21.30	21.13	21.16	22.50
	3	LOW	Q16	21.29	21.08	21.43	22.50
		MID	Q16	21.24	21.27	21.07	22.50
		HIGH	Q16	21.11	21.13	21.40	22.50
	3	LOW	Q16	21.21	21.04	21.52	22.50
		MID	Q16	21.10	21.17	21.24	22.50
1.4	1	HIGH	Q16	21.32	21.34	21.25	22.50
	3	LOW	Q16	20.57	20.22	20.38	22.00
		MID	64QAM	20.52	20.04	20.50	22.00
		HIGH	64QAM	20.58	20.05	20.36	22.00
	3	LOW	64QAM	20.67	20.38	20.95	22.00
		MID	64QAM	20.50	20.14	20.32	22.00
1.4	1	HIGH	64QAM	20.64	20.19	20.38	22.00
		MID	64QAM	20.61	20.60	20.68	22.00
		HIGH	64QAM	19.69	19.75	19.81	21.00
	3	LOW	64QAM	19.69	19.75	19.81	21.00
		MID	64QAM	19.69	19.75	19.81	21.00
		HIGH	64QAM	19.69	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.50
		MID	QPSK	21.11	21.15	21.11	22.50
		HIGH	QPSK	21.21	21.06	21.00	22.50
	8	LOW	QPSK	21.19	21.23	21.01	22.50
		MID	QPSK	21.09	21.26	21.17	22.50
		HIGH	QPSK	21.15	21.02	21.10	22.50
3	15	LOW	QPSK	21.08	21.00	21.09	22.50
		MID	Q16	21.12	21.09	21.54	22.50
		HIGH	Q16	21.12	21.25	21.35	22.50
	8	LOW	Q16	21.16	21.07	21.42	22.50
		MID	Q16	20.50	20.56	20.56	22.00
		HIGH	Q16	20.74	20.33	20.53	22.00
3	15	LOW	Q16	20.11	20.69	20.28	22.00
		MID	Q16	20.57	20.28	20.65	22.00
		HIGH	Q16	20.57	20.28	20.65	22.00
	8	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
3	15	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
	15	LOW	64QAM	19.47	19.85	19.63	21.00
		MID	64QAM	19.47	19.85	19.63	21.00
		HIGH	64QAM	19.47	19.85	19.63	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	22.50
		MID	QPSK	21.15	21.16	21.03	22.50
		HIGH	QPSK	21.02	21.14	21.04	22.50
	12	LOW	QPSK	21.06	21.29	21.15	22.50
		MID	QPSK	21.09	21.01	21.13	22.50
		HIGH	QPSK	21.18	21.19	21.16	22.50
	25	LOW	QPSK	21.08	21.12	21.17	22.50
5	1	LOW	Q16	21.19	21.08	21.37	22.50
		MID	Q16	21.27	21.32	21.28	22.50
		HIGH	Q16	21.07	21.09	21.19	22.50
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.50
		MID	QPSK	21.14	21.05	21.16	22.50
		HIGH	QPSK	21.02	21.09	21.23	22.50
	25	LOW	QPSK	21.00	21.10	21.14	22.50
		MID	QPSK	21.14	21.20	21.21	22.50
		HIGH	QPSK	21.09	21.21	21.19	22.50
	50	LOW	QPSK	21.11	21.19	21.13	22.50
10	1	LOW	Q16	21.29	21.01	21.24	22.50
		MID	Q16	21.08	21.47	21.07	22.50
		HIGH	Q16	21.16	21.17	21.49	22.50
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	22.50
		MID	QPSK	21.04	21.01	21.04	22.50
		HIGH	QPSK	21.23	21.06	21.25	22.50
	36	LOW	QPSK	21.04	21.06	21.12	22.50
		MID	QPSK	21.10	21.33	21.21	22.50
		HIGH	QPSK	21.03	21.12	21.14	22.50
	75	LOW	QPSK	21.21	21.07	21.09	22.50
15	1	LOW	Q16	21.14	21.06	21.47	22.50
		MID	Q16	21.14	21.42	21.35	22.50
		HIGH	Q16	21.28	21.21	21.29	22.50
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	21.27	21.15	22.50
		MID	QPSK	21.06	21.18	21.04	22.50
		HIGH	QPSK	21.21	21.12	21.19	22.50
	50	LOW	QPSK	21.17	21.23	21.12	22.50
		MID	QPSK	21.09	21.22	21.13	22.50
		HIGH	QPSK	21.11	21.15	21.16	22.50
	100	LOW	QPSK	21.19	21.01	21.13	22.50
20	1	LOW	Q16	21.25	21.04	21.43	22.50
		MID	Q16	21.16	21.36	21.26	22.50
		HIGH	Q16	21.24	21.30	21.38	22.50
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 11-Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	22.22	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	22.38	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
6	LOW	QPSK	21.65	21.53	21.48	23.00	
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
6	LOW	Q16	20.38	20.71	20.47	22.00	
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
6	LOW	64QAM	19.83	19.77	19.63	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	22.38	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	21.29	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
15	LOW	QPSK	21.44	21.51	21.46	23.00	
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
15	LOW	Q16	20.67	20.67	20.53	22.00	
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
15	LOW	64QAM	19.77	19.75	19.79	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	22.45	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	21.38	21.19	21.03	23.00
	25	LOW	QPSK	21.46	21.75	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	22.41	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	21.42	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	21.77	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	22.37	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	21.37	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	21.65	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	22.34	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	21.33	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	21.68	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 15 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	22.22	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	22.38	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
1.4	1	LOW	QPSK	21.65	21.53	21.48	23.00
	3	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
1.4	1	LOW	Q16	21.46	21.07	21.34	23.00
		MID	Q16	20.38	20.71	20.47	22.00
		HIGH	Q16	20.44	20.30	20.60	22.00
	3	LOW	64QAM	20.37	20.45	20.44	22.00
		MID	64QAM	20.75	20.56	20.52	22.00
		HIGH	64QAM	20.64	20.38	20.66	22.00
1.4	1	LOW	64QAM	20.58	20.43	20.58	22.00
		MID	64QAM	20.50	20.36	20.54	22.00
		HIGH	64QAM	19.83	19.77	19.63	21.00
	3	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
1.4	1	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	3	LOW	64QAM	19.83	19.77	19.63	21.00
		MID	64QAM	20.44	20.30	20.60	22.00
		HIGH	64QAM	20.37	20.45	20.44	22.00
1.4	1	LOW	64QAM	20.75	20.56	20.52	22.00
		MID	64QAM	20.64	20.38	20.66	22.00
		HIGH	64QAM	20.58	20.43	20.58	22.00
	3	LOW	64QAM	20.50	20.36	20.54	22.00
		MID	64QAM	19.83	19.77	19.63	21.00
		HIGH	64QAM	20.44	20.30	20.60	22.00
1.4	1	LOW	64QAM	20.37	20.45	20.44	22.00
		MID	64QAM	20.75	20.56	20.52	22.00
		HIGH	64QAM	20.64	20.38	20.66	22.00
	3	LOW	64QAM	20.58	20.43	20.58	22.00
		MID	64QAM	20.50	20.36	20.54	22.00
		HIGH	64QAM	19.83	19.77	19.63	21.00
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
1.4	1	LOW	64QAM	19.83	19.77	19.63	21.00
		MID	64QAM	20.44	20.30	20.60	22.00
		HIGH	64QAM	20.37	20.45	20.44	22.00
	3	LOW	64QAM	20.75	20.56	20.52	22.00
		MID	64QAM	20.64	20.38	20.66	22.00
		HIGH	64QAM	20.58	20.43	20.58	22.00
1.4	1	LOW	64QAM	20.50	20.36	20.54	22.00
		MID	64QAM	19.83	19.77	19.63	21.00
		HIGH	64QAM	20.44	20.30	20.60	22.00
	3	LOW	64QAM	20.37	20.45	20.44	22.00
		MID	64QAM	20.75	20.56	20.52	22.00
		HIGH	64QAM	20.64	20.38	20.66	22.00
1.4	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
1.4	1	LOW	64QAM	19.77	19.75	19.79	21.00
		MID	64QAM	19.77	19.75	19.79	21.00
		HIGH	64QAM	19.77	19.75	19.79	21.00
	8	LOW	64QAM	19.77	19.75	19.79	21.00
		MID	64QAM	19.77	19.75	19.79	21.00
		HIGH	64QAM	19.77	19.75	19.79	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	22.45	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	21.38	21.19	21.03	23.00
	25	LOW	QPSK	21.46	21.75	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	22.41	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	21.42	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	21.77	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	22.37	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	21.37	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	21.65	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	22.34	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	21.33	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	21.68	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 17 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	22.22	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	22.38	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
1.4	1	LOW	QPSK	21.65	21.53	21.48	23.00
	3	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
1.4	1	LOW	Q16	21.46	21.07	21.34	23.00
		MID	Q16	20.38	20.71	20.47	22.00
		HIGH	Q16	20.44	20.30	20.60	22.00
	3	LOW	64QAM	20.37	20.45	20.44	22.00
		MID	64QAM	20.75	20.56	20.52	22.00
		HIGH	64QAM	20.64	20.38	20.66	22.00
1.4	1	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	3	LOW	64QAM	19.83	19.77	19.63	21.00
		MID	64QAM	20.44	20.30	20.60	22.00
		HIGH	64QAM	20.37	20.45	20.44	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	22.38	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	21.29	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
3	1	LOW	QPSK	21.44	21.51	21.46	23.00
		MID	Q16	21.55	21.14	21.60	23.00
		HIGH	Q16	21.45	21.09	21.39	23.00
	8	LOW	Q16	21.16	21.24	21.28	23.00
		MID	Q16	20.57	20.72	20.49	22.00
		HIGH	Q16	20.56	20.31	20.47	22.00
3	1	LOW	Q16	20.24	20.63	20.63	22.00
		MID	Q16	20.67	20.67	20.53	22.00
		HIGH	Q16	20.67	20.67	20.53	22.00
	8	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
3	1	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
	15	LOW	64QAM	19.77	19.75	19.79	21.00
		MID	64QAM	20.58	20.38	20.58	22.00
		HIGH	64QAM	20.66	20.31	20.30	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	22.45	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	21.38	21.19	21.03	23.00
	25	LOW	QPSK	21.46	21.75	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	22.41	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	21.42	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	21.77	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	22.37	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	21.37	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	21.65	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	22.34	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	21.33	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	21.68	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 19 -Ant.3(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	22.22	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	22.38	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
6	LOW	QPSK	21.65	21.53	21.48	23.00	
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
6	LOW	Q16	20.38	20.71	20.47	22.00	
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
6	LOW	64QAM	19.83	19.77	19.63	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	22.38	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	21.29	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
15	LOW	QPSK	21.44	21.51	21.46	23.00	
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
15	LOW	Q16	20.67	20.67	20.53	22.00	
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
15	LOW	64QAM	19.77	19.75	19.79	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	22.45	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	21.38	21.19	21.03	23.00
	25	LOW	QPSK	21.46	21.75	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	22.41	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	21.42	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	21.77	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	22.37	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	21.37	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	21.65	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	22.34	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	21.33	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	21.68	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 12 -Ant.4(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	21.24	23.00
		MID	QPSK	21.08	21.19	21.01	23.00
		HIGH	QPSK	21.07	21.14	21.06	23.00
	3	LOW	QPSK	21.08	21.41	21.08	23.00
		MID	QPSK	21.33	21.14	21.00	23.00
		HIGH	QPSK	21.07	21.07	21.13	23.00
1.4	6	LOW	QPSK	21.21	21.08	21.16	23.00
		MID	QPSK	21.07	21.07	21.13	23.00
		HIGH	QPSK	21.07	21.07	21.13	23.00
	1	LOW	Q16	21.60	21.13	21.82	23.00
		MID	Q16	21.00	21.35	21.40	23.00
		HIGH	Q16	21.38	21.25	21.42	23.00
1.4	3	LOW	Q16	21.41	21.12	21.78	23.00
		MID	Q16	21.17	21.23	21.25	23.00
		HIGH	Q16	21.08	21.29	21.22	23.00
	6	LOW	Q16	20.63	20.66	20.56	22.00
		MID	Q16	20.46	20.20	20.33	22.00
		HIGH	Q16	20.10	20.53	20.04	22.00
1.4	1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00
		HIGH	64QAM	20.56	20.49	20.82	22.00
	3	LOW	64QAM	20.64	20.18	20.64	22.00
		MID	64QAM	20.10	20.37	20.10	22.00
		HIGH	64QAM	20.74	20.47	20.59	22.00
1.4	6	LOW	64QAM	19.99	20.17	19.61	21.00
		MID	64QAM	19.99	20.17	19.61	21.00
		HIGH	64QAM	19.99	20.17	19.61	21.00
	1	LOW	QPSK	21.02	21.48	21.52	23.00
		MID	QPSK	21.09	21.19	21.10	23.00
		HIGH	QPSK	21.07	21.05	21.23	23.00
3	8	LOW	QPSK	21.27	21.28	21.03	23.00
		MID	QPSK	21.16	21.04	21.08	23.00
		HIGH	QPSK	21.02	21.01	21.17	23.00
	15	LOW	QPSK	21.16	21.08	21.08	23.00
		MID	Q16	21.67	21.12	21.67	23.00
		HIGH	Q16	21.05	21.16	21.18	23.00
3	1	LOW	Q16	21.06	21.27	21.33	23.00
		MID	Q16	20.53	20.33	20.47	22.00
		HIGH	Q16	20.14	20.53	20.26	22.00
	8	LOW	Q16	20.71	20.63	20.79	22.00
		MID	Q16	20.79	20.46	20.83	22.00
		HIGH	Q16	20.79	20.46	20.83	22.00
3	15	LOW	Q16	20.79	20.46	20.83	22.00
		MID	Q16	20.79	20.46	20.83	22.00
		HIGH	Q16	20.79	20.46	20.83	22.00
	1	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
3	8	LOW	64QAM	19.80	19.82	19.48	21.00
		MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00
		MID	64QAM	19.89	20.19	19.39	21.00
		HIGH	64QAM	19.89	20.19	19.39	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	23.00
		MID	QPSK	21.08	21.20	21.12	23.00
		HIGH	QPSK	21.20	21.06	21.04	23.00
	12	LOW	QPSK	21.02	21.28	21.12	23.00
		MID	QPSK	21.40	21.12	21.13	23.00
		HIGH	QPSK	21.07	21.01	21.16	23.00
	25	LOW	QPSK	21.04	21.02	21.09	23.00
5	1	LOW	Q16	21.43	21.12	21.62	23.00
		MID	Q16	21.02	21.20	21.33	23.00
		HIGH	Q16	21.04	21.10	21.18	23.00
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	23.00
		MID	QPSK	21.12	21.09	21.04	23.00
		HIGH	QPSK	21.20	21.03	21.10	23.00
	25	LOW	QPSK	21.30	21.37	21.19	23.00
		MID	QPSK	21.35	21.12	21.02	23.00
		HIGH	QPSK	21.08	21.08	21.11	23.00
	50	LOW	QPSK	21.23	21.10	21.05	23.00
10	1	LOW	Q16	21.62	21.15	21.80	23.00
		MID	Q16	21.16	21.23	21.27	23.00
		HIGH	Q16	21.12	21.20	21.37	23.00
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	21.49	23.00
		MID	QPSK	21.10	21.16	21.14	23.00
		HIGH	QPSK	21.05	21.19	21.19	23.00
	36	LOW	QPSK	21.13	21.22	21.03	23.00
		MID	QPSK	21.35	21.23	21.12	23.00
		HIGH	QPSK	21.08	21.05	21.13	23.00
	75	LOW	QPSK	21.23	21.02	21.00	23.00
15	1	LOW	Q16	21.58	21.13	21.78	23.00
		MID	Q16	21.08	21.23	21.18	23.00
		HIGH	Q16	21.12	21.29	21.31	23.00
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	21.39	21.23	23.00
		MID	QPSK	21.03	21.22	21.03	23.00
		HIGH	QPSK	21.26	21.07	21.12	23.00
	50	LOW	QPSK	21.19	21.39	21.01	23.00
		MID	QPSK	21.31	21.15	21.06	23.00
		HIGH	QPSK	21.05	21.02	21.05	23.00
	100	LOW	QPSK	21.15	21.08	21.08	23.00
20	1	LOW	Q16	21.58	21.15	21.71	23.00
		MID	Q16	21.08	21.29	21.31	23.00
		HIGH	Q16	21.27	21.29	21.33	23.00
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 16 -Ant.4(NSA)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	21.24	22.50
		MID	QPSK	21.08	21.19	21.01	22.50
		HIGH	QPSK	21.07	21.14	21.06	22.50
	3	LOW	QPSK	21.08	21.41	21.08	22.50
		MID	QPSK	21.33	21.14	21.00	22.50
		HIGH	QPSK	21.07	21.07	21.13	22.50
1.4	1	LOW	QPSK	21.21	21.08	21.16	22.50
	3	LOW	Q16	21.60	21.13	21.82	22.50
		MID	Q16	21.00	21.35	21.40	22.50
		HIGH	Q16	21.38	21.25	21.42	22.50
	3	LOW	Q16	21.41	21.12	21.78	22.50
		MID	Q16	21.17	21.23	21.25	22.50
1.4	1	HIGH	Q16	21.08	21.29	21.22	22.50
	3	LOW	Q16	20.63	20.66	20.56	22.00
		MID	64QAM	20.46	20.20	20.33	22.00
		HIGH	64QAM	20.10	20.53	20.04	22.00
	3	LOW	64QAM	20.56	20.49	20.82	22.00
		MID	64QAM	20.64	20.18	20.64	22.00
1.4	1	HIGH	64QAM	20.10	20.37	20.10	22.00
	3	LOW	64QAM	20.74	20.47	20.59	22.00
		MID	64QAM	19.99	20.17	19.61	21.00
	3	LOW	64QAM	19.99	20.17	19.61	21.00
	3	LOW	64QAM	19.99	20.17	19.61	21.00
		MID	64QAM	19.99	20.17	19.61	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.02	21.48	21.52	22.50
		MID	QPSK	21.09	21.19	21.10	22.50
		HIGH	QPSK	21.07	21.05	21.23	22.50
	8	LOW	QPSK	21.27	21.28	21.03	22.50
		MID	QPSK	21.16	21.04	21.08	22.50
		HIGH	QPSK	21.02	21.01	21.17	22.50
3	15	LOW	QPSK	21.16	21.08	21.08	22.50
	1	LOW	Q16	21.67	21.12	21.67	22.50
		MID	Q16	21.05	21.16	21.18	22.50
	8	HIGH	Q16	21.06	21.27	21.33	22.50
		LOW	Q16	20.53	20.33	20.47	22.00
		MID	Q16	20.14	20.53	20.26	22.00
3	15	HIGH	Q16	20.71	20.63	20.79	22.00
	1	LOW	Q16	20.79	20.46	20.83	22.00
	8	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
	15	LOW	64QAM	19.80	19.82	19.48	21.00
3	8	MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00
		MID	64QAM	19.89	20.19	19.39	21.00
		HIGH	64QAM	19.89	20.19	19.39	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	22.50
		MID	QPSK	21.08	21.20	21.12	22.50
		HIGH	QPSK	21.20	21.06	21.04	22.50
	12	LOW	QPSK	21.02	21.28	21.12	22.50
		MID	QPSK	21.40	21.12	21.13	22.50
		HIGH	QPSK	21.07	21.01	21.16	22.50
	25	LOW	QPSK	21.04	21.02	21.09	22.50
5	1	LOW	Q16	21.43	21.12	21.62	22.50
		MID	Q16	21.02	21.20	21.33	22.50
		HIGH	Q16	21.04	21.10	21.18	22.50
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	22.50
		MID	QPSK	21.12	21.09	21.04	22.50
		HIGH	QPSK	21.20	21.03	21.10	22.50
	25	LOW	QPSK	21.30	21.37	21.19	22.50
		MID	QPSK	21.35	21.12	21.02	22.50
		HIGH	QPSK	21.08	21.08	21.11	22.50
	50	LOW	QPSK	21.23	21.10	21.05	22.50
10	1	LOW	Q16	21.62	21.15	21.80	22.50
		MID	Q16	21.16	21.23	21.27	22.50
		HIGH	Q16	21.12	21.20	21.37	22.50
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	21.49	22.50
		MID	QPSK	21.10	21.16	21.14	22.50
		HIGH	QPSK	21.05	21.19	21.19	22.50
	36	LOW	QPSK	21.13	21.22	21.03	22.50
		MID	QPSK	21.35	21.23	21.12	22.50
		HIGH	QPSK	21.08	21.05	21.13	22.50
	75	LOW	QPSK	21.23	21.02	21.00	22.50
15	1	LOW	Q16	21.58	21.13	21.78	22.50
		MID	Q16	21.08	21.23	21.18	22.50
		HIGH	Q16	21.12	21.29	21.31	22.50
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	21.39	21.23	22.50
		MID	QPSK	21.03	21.22	21.03	22.50
		HIGH	QPSK	21.26	21.07	21.12	22.50
	50	LOW	QPSK	21.19	21.39	21.01	22.50
		MID	QPSK	21.31	21.15	21.06	22.50
		HIGH	QPSK	21.05	21.02	21.05	22.50
	100	LOW	QPSK	21.15	21.08	21.08	22.50
20	1	LOW	Q16	21.58	21.15	21.71	22.50
		MID	Q16	21.08	21.29	21.31	22.50
		HIGH	Q16	21.27	21.29	21.33	22.50
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 18 -Ant.4(NSA)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)	
1.4	1	LOW	QPSK	21.02	21.18	21.24	22.00	
		MID	QPSK	21.08	21.19	21.01	22.00	
		HIGH	QPSK	21.07	21.14	21.06	22.00	
	3	LOW	QPSK	21.08	21.41	21.08	22.00	
		MID	QPSK	21.33	21.14	21.00	22.00	
		HIGH	QPSK	21.07	21.07	21.13	22.00	
6	LOW	QPSK	21.21	21.08	21.16	22.00		
1.4	1	LOW	Q16	21.60	21.13	21.82	22.00	
		MID	Q16	21.00	21.35	21.40	22.00	
		HIGH	Q16	21.38	21.25	21.42	22.00	
	3	LOW	Q16	21.41	21.12	21.78	22.00	
		MID	Q16	21.17	21.23	21.25	22.00	
		HIGH	Q16	21.08	21.29	21.22	22.00	
	6	LOW	Q16	20.63	20.66	20.56	22.00	
		1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00	
1.4	1	HIGH	64QAM	20.56	20.49	20.82	22.00	
		LOW	64QAM	20.64	20.18	20.64	22.00	
		MID	64QAM	20.10	20.37	20.10	22.00	
	3	HIGH	64QAM	20.74	20.47	20.59	22.00	
		LOW	64QAM	19.99	20.17	19.61	21.00	
		6	LOW	64QAM				
3	LOW	64QAM						
	MID	64QAM						
	HIGH	64QAM						
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)	
3	1	LOW	QPSK	21.02	21.48	21.52	22.00	
		MID	QPSK	21.09	21.19	21.10	22.00	
		HIGH	QPSK	21.07	21.05	21.23	22.00	
	8	LOW	QPSK	21.27	21.28	21.03	22.00	
		MID	QPSK	21.16	21.04	21.08	22.00	
		HIGH	QPSK	21.02	21.01	21.17	22.00	
15	LOW	QPSK	21.16	21.08	21.08	22.00		
3	1	LOW	Q16	21.67	21.12	21.67	22.00	
		MID	Q16	21.05	21.16	21.18	22.00	
		HIGH	Q16	21.06	21.27	21.33	22.00	
	8	LOW	Q16	20.53	20.33	20.47	22.00	
		MID	Q16	20.14	20.53	20.26	22.00	
		HIGH	Q16	20.71	20.63	20.79	22.00	
15	LOW	Q16	20.79	20.46	20.83	22.00		
3	1	LOW	64QAM	20.46	20.42	20.58	22.00	
		MID	64QAM	20.06	20.35	20.22	22.00	
		HIGH	64QAM	20.68	20.76	20.84	22.00	
	8	LOW	64QAM	19.80	19.82	19.48	21.00	
		MID	64QAM	19.48	19.57	19.54	21.00	
		HIGH	64QAM	19.83	19.89	19.51	21.00	
15	LOW	64QAM	19.89	20.19	19.39	21.00		

Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	22.00
		MID	QPSK	21.08	21.20	21.12	22.00
		HIGH	QPSK	21.20	21.06	21.04	22.00
	12	LOW	QPSK	21.02	21.28	21.12	22.00
		MID	QPSK	21.40	21.12	21.13	22.00
		HIGH	QPSK	21.07	21.01	21.16	22.00
	25	LOW	QPSK	21.04	21.02	21.09	22.00
5	1	LOW	Q16	21.43	21.12	21.62	22.00
		MID	Q16	21.02	21.20	21.33	22.00
		HIGH	Q16	21.04	21.10	21.18	22.00
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	22.00
		MID	QPSK	21.12	21.09	21.04	22.00
		HIGH	QPSK	21.20	21.03	21.10	22.00
	25	LOW	QPSK	21.30	21.37	21.19	22.00
		MID	QPSK	21.35	21.12	21.02	22.00
		HIGH	QPSK	21.08	21.08	21.11	22.00
	50	LOW	QPSK	21.23	21.10	21.05	22.00
10	1	LOW	Q16	21.62	21.15	21.80	22.00
		MID	Q16	21.16	21.23	21.27	22.00
		HIGH	Q16	21.12	21.20	21.37	22.00
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00