

8 CONDUCTED RF OUTPUT POWER

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8.1 GSM Output Power

GSM-Full Power-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.30	32.21	32.17	33.20	23.11	23.02	22.98	24.01
GPRS (GMSK, 1-Slot)	32.14	32.04	32.01	33.20	22.95	22.85	22.82	24.01
GPRS (GMSK, 2-Slots)	29.63	29.50	29.47	30.70	23.50	23.37	23.34	24.57
GPRS (GMSK, 3-Slots)	27.59	27.46	27.42	28.70	23.17	23.04	23.00	24.28
GPRS (GMSK, 4-Slots)	26.49	26.38	26.34	27.70	23.31	23.20	23.16	24.52
EGPRS (8PSK, 1-Slot)	26.36	26.36	26.30	27.70	17.17	17.17	17.11	18.51
EGPRS (8PSK, 2-Slots)	24.06	24.07	23.91	25.70	17.93	17.94	17.78	19.57
EGPRS (8PSK, 3-Slots)	22.15	21.87	21.79	23.70	17.73	17.45	17.37	19.28
EGPRS (8PSK, 4-Slots)	21.71	21.81	21.51	23.20	18.53	18.63	18.33	20.02
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.04	29.06	28.87	30.20	19.85	19.87	19.68	21.01
GPRS (GMSK, 1-Slot)	29.02	29.04	28.85	30.20	19.83	19.85	19.66	21.01
GPRS (GMSK, 2-Slots)	26.57	26.62	26.46	27.70	20.44	20.49	20.33	21.57
GPRS (GMSK, 3-Slots)	24.56	24.66	24.47	25.70	20.14	20.24	20.05	21.28
GPRS (GMSK, 4-Slots)	23.52	23.61	23.44	24.70	20.34	20.43	20.26	21.52
EGPRS (8PSK, 1-Slot)	25.58	25.98	26.00	26.70	16.39	16.79	16.81	17.51
EGPRS (8PSK, 2-Slots)	23.60	23.91	24.08	24.70	17.47	17.78	17.95	18.57
EGPRS (8PSK, 3-Slots)	21.23	21.67	21.67	22.70	16.81	17.25	17.25	18.28
EGPRS (8PSK, 4-Slots)	20.50	20.98	21.03	22.20	17.32	17.80	17.85	19.02

GSM-Level 1&2-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	26.75	26.89	26.70	27.20	17.56	17.70	17.51	18.01
GPRS (GMSK, 1-Slot)	26.72	26.66	26.66	27.20	17.53	17.47	17.47	18.01
GPRS (GMSK, 2-Slots)	24.12	24.09	24.13	24.70	17.99	17.96	18.00	18.57
GPRS (GMSK, 3-Slots)	21.95	22.04	21.92	22.70	17.53	17.62	17.50	18.28
GPRS (GMSK, 4-Slots)	21.02	20.76	20.98	21.70	17.84	17.58	17.80	18.52
EGPRS (8PSK, 1-Slot)	20.75	20.80	20.91	21.70	11.56	11.61	11.72	12.51
EGPRS (8PSK, 2-Slots)	18.74	18.51	18.33	19.70	12.61	12.38	12.20	13.57
EGPRS (8PSK, 3-Slots)	16.56	16.31	16.13	17.70	12.14	11.89	11.71	13.28
EGPRS (8PSK, 4-Slots)	16.17	16.39	16.08	17.20	12.99	13.21	12.90	14.02
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	18.54	18.58	18.24	19.20	9.35	9.39	9.05	10.01
GPRS (GMSK, 1-Slot)	18.68	18.48	18.25	19.20	9.49	9.29	9.06	10.01
GPRS (GMSK, 2-Slots)	16.03	16.15	16.13	16.70	9.90	10.02	10.00	10.57
GPRS (GMSK, 3-Slots)	14.25	14.12	13.97	14.70	9.83	9.70	9.55	10.28
GPRS (GMSK, 4-Slots)	12.96	13.02	12.91	13.70	9.78	9.84	9.73	10.52
EGPRS (8PSK, 1-Slot)	14.93	15.62	15.40	15.70	5.74	6.43	6.21	6.51
EGPRS (8PSK, 2-Slots)	13.16	13.38	13.59	13.70	7.03	7.25	7.46	7.57
EGPRS (8PSK, 3-Slots)	10.65	11.19	11.33	11.70	6.23	6.77	6.91	7.28
EGPRS (8PSK, 4-Slots)	10.07	10.46	10.45	11.20	6.89	7.28	7.27	8.02

GSM-Level 3&4&5&6-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	30.33	30.19	30.08	31.20	21.14	21.00	20.89	22.01
GPRS (GMSK, 1-Slot)	30.06	30.21	29.90	31.20	20.87	21.02	20.71	22.01
GPRS (GMSK, 2-Slots)	27.62	27.60	27.66	28.70	21.49	21.47	21.53	22.57
GPRS (GMSK, 3-Slots)	25.44	25.65	25.41	26.70	21.02	21.23	20.99	22.28
GPRS (GMSK, 4-Slots)	24.58	24.45	24.19	25.70	21.40	21.27	21.01	22.52
EGPRS (8PSK, 1-Slot)	24.48	24.52	24.46	25.70	15.29	15.33	15.27	16.51
EGPRS (8PSK, 2-Slots)	22.15	21.97	22.04	23.70	16.02	15.84	15.91	17.57
EGPRS (8PSK, 3-Slots)	20.02	19.81	19.81	21.70	15.60	15.39	15.39	17.28
EGPRS (8PSK, 4-Slots)	19.85	19.79	19.32	21.20	16.67	16.61	16.14	18.02
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	21.51	21.60	21.51	22.20	12.32	12.41	12.32	13.01
GPRS (GMSK, 1-Slot)	21.35	21.46	21.21	22.20	12.16	12.27	12.02	13.01
GPRS (GMSK, 2-Slots)	19.05	19.02	19.08	19.70	12.92	12.89	12.95	13.57
GPRS (GMSK, 3-Slots)	16.91	17.12	16.94	17.70	12.49	12.70	12.52	13.28
GPRS (GMSK, 4-Slots)	16.20	15.97	15.75	16.70	13.02	12.79	12.57	13.52
EGPRS (8PSK, 1-Slot)	18.06	18.51	18.61	18.70	8.87	9.32	9.42	9.51
EGPRS (8PSK, 2-Slots)	16.07	16.34	16.77	16.70	9.94	10.21	10.64	10.57
EGPRS (8PSK, 3-Slots)	13.75	14.19	14.35	14.70	9.33	9.77	9.93	10.28
EGPRS (8PSK, 4-Slots)	12.93	13.59	13.44	14.20	9.75	10.41	10.26	11.02

GSM-Full Power-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.74	32.68	32.66	33.50	23.55	23.49	23.47	24.31
GPRS (GMSK, 1-Slot)	32.72	32.66	32.63	33.50	23.53	23.47	23.44	24.31
GPRS (GMSK, 2-Slots)	30.19	30.11	30.11	31.00	24.06	23.98	23.98	24.87
GPRS (GMSK, 3-Slots)	28.13	28.06	28.06	29.00	23.71	23.64	23.64	24.58
GPRS (GMSK, 4-Slots)	27.03	26.98	26.98	28.00	23.85	23.80	23.80	24.82
EGPRS (8PSK, 1-Slot)	26.89	27.02	27.01	28.00	17.70	17.83	17.82	18.81
EGPRS (8PSK, 2-Slots)	24.60	24.79	24.71	26.00	18.47	18.66	18.58	19.87
EGPRS (8PSK, 3-Slots)	22.13	22.81	22.17	24.00	17.71	18.39	17.75	19.58
EGPRS (8PSK, 4-Slots)	21.74	21.77	21.78	23.50	18.56	18.59	18.60	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.73	29.84	29.71	30.50	20.54	20.65	20.52	21.31
GPRS (GMSK, 1-Slot)	29.72	29.83	29.70	30.50	20.53	20.64	20.51	21.31
GPRS (GMSK, 2-Slots)	27.22	27.31	27.20	28.00	21.09	21.18	21.07	21.87
GPRS (GMSK, 3-Slots)	25.19	25.31	25.16	26.00	20.77	20.89	20.74	21.58
GPRS (GMSK, 4-Slots)	24.14	24.25	24.12	25.00	20.96	21.07	20.94	21.82
EGPRS (8PSK, 1-Slot)	26.44	26.50	26.28	27.00	17.25	17.31	17.09	17.81
EGPRS (8PSK, 2-Slots)	24.29	24.49	24.37	25.00	18.16	18.36	18.24	18.87
EGPRS (8PSK, 3-Slots)	22.00	22.27	22.00	23.00	17.58	17.85	17.58	18.58
EGPRS (8PSK, 4-Slots)	21.29	21.51	21.28	22.50	18.11	18.33	18.10	19.32

GSM-Level 1&2-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.74	32.68	32.66	33.50	23.55	23.49	23.47	24.31
GPRS (GMSK, 1-Slot)	32.72	32.66	32.63	33.50	23.53	23.47	23.44	24.31
GPRS (GMSK, 2-Slots)	30.19	30.11	30.11	31.00	24.06	23.98	23.98	24.87
GPRS (GMSK, 3-Slots)	28.13	28.06	28.06	29.00	23.71	23.64	23.64	24.58
GPRS (GMSK, 4-Slots)	27.03	26.98	26.98	28.00	23.85	23.80	23.80	24.82
EGPRS (8PSK, 1-Slot)	26.89	27.02	27.01	28.00	17.70	17.83	17.82	18.81
EGPRS (8PSK, 2-Slots)	24.60	24.79	24.71	26.00	18.47	18.66	18.58	19.87
EGPRS (8PSK, 3-Slots)	22.13	22.81	22.17	24.00	17.71	18.39	17.75	19.58
EGPRS (8PSK, 4-Slots)	21.74	21.77	21.78	23.50	18.56	18.59	18.60	20.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	29.73	29.84	29.71	30.50	20.54	20.65	20.52	21.31
GPRS (GMSK, 1-Slot)	29.72	29.83	29.70	30.50	20.53	20.64	20.51	21.31
GPRS (GMSK, 2-Slots)	27.22	27.31	27.20	28.00	21.09	21.18	21.07	21.87
GPRS (GMSK, 3-Slots)	25.19	25.31	25.16	26.00	20.77	20.89	20.74	21.58
GPRS (GMSK, 4-Slots)	24.14	24.25	24.12	25.00	20.96	21.07	20.94	21.82
EGPRS (8PSK, 1-Slot)	26.44	26.50	26.28	27.00	17.25	17.31	17.09	17.81
EGPRS (8PSK, 2-Slots)	24.29	24.49	24.37	25.00	18.16	18.36	18.24	18.87
EGPRS (8PSK, 3-Slots)	22.00	22.27	22.00	23.00	17.58	17.85	17.58	18.58
EGPRS (8PSK, 4-Slots)	21.29	21.51	21.28	22.50	18.11	18.33	18.10	19.32

GSM-Level 3&4&5&6-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	29.09	28.70	28.88	29.50	19.90	19.51	19.69	20.31
GPRS (GMSK, 1-Slot)	28.92	28.69	28.65	29.50	19.73	19.50	19.46	20.31
GPRS (GMSK, 2-Slots)	26.56	26.18	26.16	27.00	20.43	20.05	20.03	20.87
GPRS (GMSK, 3-Slots)	24.15	24.22	24.07	25.00	19.73	19.80	19.65	20.58
GPRS (GMSK, 4-Slots)	23.21	23.11	23.11	24.00	20.03	19.93	19.93	20.82
EGPRS (8PSK, 1-Slot)	22.96	23.31	23.05	24.00	13.77	14.12	13.86	14.81
EGPRS (8PSK, 2-Slots)	20.88	20.98	20.90	22.00	14.75	14.85	14.77	15.87
EGPRS (8PSK, 3-Slots)	18.20	18.90	18.30	20.00	13.78	14.48	13.88	15.58
EGPRS (8PSK, 4-Slots)	17.89	18.08	17.91	19.50	14.71	14.90	14.73	16.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	24.76	25.13	24.80	25.50	15.57	15.94	15.61	16.31
GPRS (GMSK, 1-Slot)	25.07	24.98	24.72	25.50	15.88	15.79	15.53	16.31
GPRS (GMSK, 2-Slots)	22.30	22.29	22.26	23.00	16.17	16.16	16.13	16.87
GPRS (GMSK, 3-Slots)	20.20	20.65	20.33	21.00	15.78	16.23	15.91	16.58
GPRS (GMSK, 4-Slots)	19.51	19.37	19.44	20.00	16.33	16.19	16.26	16.82
EGPRS (8PSK, 1-Slot)	21.77	21.57	21.37	22.00	12.58	12.38	12.18	12.81
EGPRS (8PSK, 2-Slots)	19.58	19.75	19.41	20.00	13.45	13.62	13.28	13.87
EGPRS (8PSK, 3-Slots)	17.03	17.63	17.22	18.00	12.61	13.21	12.80	13.58
EGPRS (8PSK, 4-Slots)	16.31	16.71	16.43	17.50	13.13	13.53	13.25	14.32

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.37	23.26	23.34	24.70
RMC 12.2Kbps	23.47	23.40	23.44	24.70
HSDPA Subtest-1	22.49	22.47	22.52	23.50
HSDPA Subtest-2	22.28	22.47	22.45	23.50
HSDPA Subtest-3	22.08	21.98	21.99	22.90
HSDPA Subtest-4	22.01	21.90	21.91	22.90
HSUPA Subtest-1	21.39	21.22	21.34	23.20
HSUPA Subtest-2	21.34	21.48	21.33	22.70
HSUPA Subtest-3	22.31	22.47	22.60	23.70
HSUPA Subtest-4	20.96	20.99	20.92	22.20
HSUPA Subtest-5	22.44	22.43	22.56	23.70

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WCDMA-Level1&2 -Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	17.29	17.20	17.27	17.70
RMC 12.2Kbps	17.38	17.35	17.36	17.70
HSDPA Subtest-1	16.35	16.39	16.31	16.50
HSDPA Subtest-2	16.43	16.42	16.46	16.50
HSDPA Subtest-3	15.74	15.59	15.58	15.90
HSDPA Subtest-4	15.76	15.81	15.85	15.90
HSUPA Subtest-1	15.09	15.15	15.17	16.20
HSUPA Subtest-2	15.31	15.43	15.57	15.70
HSUPA Subtest-3	16.56	16.43	16.40	16.70
HSUPA Subtest-4	14.84	14.93	15.00	15.20
HSUPA Subtest-5	16.28	16.37	16.18	16.70

WCDMA-Level3&4&5&6 -Ant.1				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	21.23	21.33	21.27	21.70
RMC 12.2Kbps	21.31	21.34	21.36	21.70
HSDPA Subtest-1	20.42	20.38	20.19	20.50
HSDPA Subtest-2	20.29	20.36	20.30	20.50
HSDPA Subtest-3	19.85	19.61	19.75	19.90
HSDPA Subtest-4	19.62	19.46	19.59	19.90
HSUPA Subtest-1	18.96	19.15	19.29	20.20
HSUPA Subtest-2	19.02	18.90	18.73	19.70
HSUPA Subtest-3	20.27	20.35	20.54	20.70
HSUPA Subtest-4	18.97	18.91	18.91	19.20
HSUPA Subtest-5	20.23	20.32	20.36	20.70

WCDMA-Full Power-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.80	23.81	23.85	24.80
RMC 12.2Kbps	23.88	23.85	23.90	24.80
HSDPA Subtest-1	23.04	22.92	23.10	23.60
HSDPA Subtest-2	22.80	22.91	22.76	23.60
HSDPA Subtest-3	22.61	22.42	22.25	23.00
HSDPA Subtest-4	22.22	22.37	22.50	23.00
HSUPA Subtest-1	21.63	21.67	21.47	23.30
HSUPA Subtest-2	21.84	21.93	21.95	22.80
HSUPA Subtest-3	22.99	22.94	22.79	23.80
HSUPA Subtest-4	21.58	21.46	21.35	22.30
HSUPA Subtest-5	22.93	22.88	22.99	23.80

WCDMA-Level1&2-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.80	23.81	23.85	24.80
RMC 12.2Kbps	23.88	23.85	23.90	24.80
HSDPA Subtest-1	23.04	22.92	23.10	23.60
HSDPA Subtest-2	22.80	22.91	22.76	23.60
HSDPA Subtest-3	22.61	22.42	22.25	23.00
HSDPA Subtest-4	22.22	22.37	22.50	23.00
HSUPA Subtest-1	21.63	21.67	21.47	23.30
HSUPA Subtest-2	21.84	21.93	21.95	22.80
HSUPA Subtest-3	22.99	22.94	22.79	23.80
HSUPA Subtest-4	21.58	21.46	21.35	22.30
HSUPA Subtest-5	22.93	22.88	22.99	23.80

WCDMA-Power Level3&4&5&6-Ant.0				
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	19.34	19.31	19.41	19.80
RMC 12.2Kbps	19.45	19.45	19.49	19.80
HSDPA Subtest-1	18.29	18.49	18.55	18.60
HSDPA Subtest-2	18.45	18.47	18.51	18.60
HSDPA Subtest-3	17.94	17.93	17.90	18.00
HSDPA Subtest-4	17.85	17.89	17.69	18.00
HSUPA Subtest-1	17.10	17.24	17.14	18.30
HSUPA Subtest-2	17.66	17.49	17.30	17.80
HSUPA Subtest-3	18.66	18.47	18.43	18.80
HSUPA Subtest-4	17.00	17.04	17.09	17.30
HSUPA Subtest-5	18.23	18.43	18.35	18.80

8.3.1 LTE Band5 Output Power

BL-SZ2230843-701

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.83	23.58	23.69	24.70
		MID	QPSK	23.88	23.77	23.81	24.70
		HIGH	QPSK	23.74	23.84	23.82	24.70
	3	LOW	QPSK	23.80	23.83	23.54	24.70
		MID	QPSK	23.86	23.84	23.64	24.70
		HIGH	QPSK	23.61	23.73	23.76	24.70
1.4	1	LOW	QPSK	22.59	22.71	22.62	23.70
		MID	Q16	22.55	22.90	22.58	23.70
		HIGH	Q16	22.63	23.08	22.82	23.70
	3	LOW	Q16	22.73	22.93	22.63	23.70
		MID	Q16	22.77	23.10	22.72	23.70
		HIGH	Q16	22.79	23.09	22.60	23.70
1.4	1	LOW	Q16	22.58	23.18	22.50	23.70
		MID	Q16	21.64	21.93	21.87	22.70
		HIGH	Q16	21.72	22.04	21.50	22.70
	3	LOW	64QAM	21.77	22.30	21.74	22.70
		MID	64QAM	21.69	22.01	21.59	22.70
		HIGH	64QAM	21.77	22.12	21.52	22.70
1.4	1	LOW	64QAM	21.57	22.26	21.66	22.70
		MID	64QAM	21.66	22.14	21.59	22.70
		HIGH	64QAM	20.51	20.85	20.74	21.70
	3	LOW	64QAM	20.51	20.85	20.74	21.70
		MID	64QAM	20.51	20.85	20.74	21.70
		HIGH	64QAM	20.51	20.85	20.74	21.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.75	23.72	23.58	24.70
		MID	QPSK	23.68	23.65	23.66	24.70
		HIGH	QPSK	23.76	23.56	23.82	24.70
	8	LOW	QPSK	22.62	22.60	22.78	23.70
		MID	QPSK	22.60	22.81	22.55	23.70
		HIGH	QPSK	22.74	22.83	22.69	23.70
3	1	LOW	QPSK	22.74	22.78	22.55	23.70
		MID	Q16	22.67	22.91	22.61	23.70
		HIGH	Q16	22.81	23.12	22.78	23.70
	8	LOW	Q16	22.63	23.01	22.72	23.70
		MID	Q16	21.73	21.67	21.83	22.70
		HIGH	Q16	21.82	21.65	21.86	22.70
3	1	LOW	Q16	21.86	21.84	21.87	22.70
		MID	Q16	21.81	21.61	21.62	22.70
		HIGH	Q16	21.56	21.85	21.49	22.70
	8	LOW	64QAM	21.48	22.37	21.83	22.70
		MID	64QAM	21.65	21.98	21.73	22.70
		HIGH	64QAM	20.49	20.92	20.83	21.70
3	1	LOW	64QAM	20.69	20.83	20.73	21.70
		MID	64QAM	20.83	20.81	20.67	21.70
		HIGH	64QAM	20.66	20.58	20.67	21.70
	8	LOW	64QAM	20.66	20.58	20.67	21.70
		MID	64QAM	20.66	20.58	20.67	21.70
		HIGH	64QAM	20.66	20.58	20.67	21.70

LTE B5-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.63	23.85	23.70	24.70
		MID	QPSK	23.73	23.86	23.87	24.70
		HIGH	QPSK	23.84	23.75	23.74	24.70
	12	LOW	QPSK	22.67	22.59	22.63	23.70
		MID	QPSK	22.73	22.73	22.76	23.70
		HIGH	QPSK	22.68	22.77	22.77	23.70
25	LOW	QPSK	22.79	22.74	22.63	23.70	
5	1	LOW	Q16	22.57	23.06	22.54	23.70
		MID	Q16	22.62	23.18	22.71	23.70
		HIGH	Q16	22.65	22.92	22.59	23.70
	12	LOW	Q16	21.58	21.77	21.76	22.70
		MID	Q16	21.79	21.61	21.63	22.70
		HIGH	Q16	21.90	21.82	21.61	22.70
25	LOW	Q16	21.62	21.68	21.82	22.70	
5	1	LOW	64QAM	21.67	21.91	21.77	22.70
		MID	64QAM	21.76	21.94	21.88	22.70
		HIGH	64QAM	21.44	21.92	21.66	22.70
	12	LOW	64QAM	20.72	21.07	21.08	21.70
		MID	64QAM	20.78	20.91	20.66	21.70
		HIGH	64QAM	20.85	20.83	20.77	21.70
25	LOW	64QAM	20.58	20.78	20.74	21.70	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.68	23.70	23.68	24.70
		MID	QPSK	23.79	23.82	23.78	24.70
		HIGH	QPSK	23.69	23.70	23.68	24.70
	25	LOW	QPSK	22.68	22.73	22.67	23.70
		MID	QPSK	22.70	22.67	22.65	23.70
		HIGH	QPSK	22.61	22.71	22.63	23.70
50	LOW	QPSK	22.69	22.66	22.66	23.70	
10	1	LOW	Q16	22.63	23.03	22.65	23.70
		MID	Q16	22.77	23.14	22.75	23.70
		HIGH	Q16	22.62	23.03	22.64	23.70
	25	LOW	Q16	21.73	21.78	21.82	22.70
		MID	Q16	21.70	21.76	21.78	22.70
		HIGH	Q16	21.75	21.76	21.75	22.70
50	LOW	Q16	21.68	21.75	21.72	22.70	
10	1	LOW	64QAM	21.74	22.02	21.78	22.70
		MID	64QAM	21.64	22.05	21.84	22.70
		HIGH	64QAM	21.48	21.89	21.68	22.70
	25	LOW	64QAM	20.62	20.93	20.96	21.70
		MID	64QAM	20.72	20.83	20.70	21.70
		HIGH	64QAM	20.90	20.90	20.85	21.70
50	LOW	64QAM	20.58	20.89	20.82	21.70	

LTE B5-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.36	17.38	17.49	17.70
		MID	QPSK	17.45	17.40	17.52	17.70
		HIGH	QPSK	17.32	17.23	17.52	17.70
	3	LOW	QPSK	17.38	17.23	17.28	17.70
		MID	QPSK	17.30	17.38	17.34	17.70
		HIGH	QPSK	17.48	17.27	17.26	17.70
1.4	1	LOW	QPSK	17.31	17.17	17.24	17.70
		LOW	Q16	17.18	17.42	17.37	17.70
		MID	Q16	17.38	17.59	17.32	17.70
	3	HIGH	Q16	17.19	17.51	17.22	17.70
		LOW	Q16	17.10	17.41	17.15	17.70
		MID	Q16	17.32	17.31	17.24	17.70
1.4	1	HIGH	Q16	17.17	17.43	17.18	17.70
		LOW	Q16	17.45	17.38	17.50	17.70
		LOW	Q16	17.45	17.38	17.50	17.70
	3	LOW	64QAM	17.18	17.63	17.05	17.70
		MID	64QAM	17.41	17.53	17.50	17.70
		HIGH	64QAM	17.05	17.51	16.93	17.70
1.4	1	LOW	64QAM	17.43	17.65	17.21	17.70
		MID	64QAM	17.47	17.57	17.22	17.70
		HIGH	64QAM	17.20	17.59	17.15	17.70
	3	LOW	64QAM	17.28	17.36	17.40	17.70
		LOW	64QAM	17.28	17.36	17.40	17.70
		LOW	64QAM	17.28	17.36	17.40	17.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	17.22	17.50	17.30	17.70
		MID	QPSK	17.37	17.37	17.34	17.70
		HIGH	QPSK	17.28	17.38	17.54	17.70
	8	LOW	QPSK	17.38	17.46	17.29	17.70
		MID	QPSK	17.18	17.24	17.20	17.70
		HIGH	QPSK	17.34	17.41	17.17	17.70
3	1	LOW	QPSK	17.36	17.39	17.17	17.70
		LOW	Q16	17.15	17.43	17.21	17.70
		MID	Q16	17.24	17.32	17.24	17.70
	8	HIGH	Q16	17.06	17.67	17.35	17.70
		LOW	Q16	17.27	17.43	17.51	17.70
		MID	Q16	17.42	17.40	17.34	17.70
3	1	HIGH	Q16	17.34	17.36	17.33	17.70
		LOW	Q16	17.42	17.41	17.24	17.70
		LOW	64QAM	17.34	17.26	17.24	17.70
	8	MID	64QAM	17.42	17.59	17.38	17.70
		HIGH	64QAM	16.93	17.64	17.05	17.70
		LOW	64QAM	17.28	17.53	17.34	17.70
3	1	MID	64QAM	17.28	17.36	17.48	17.70
		HIGH	64QAM	17.36	17.44	17.42	17.70
		LOW	64QAM	17.37	17.21	17.51	17.70
	8	LOW	64QAM	17.37	17.21	17.51	17.70
		LOW	64QAM	17.37	17.21	17.51	17.70
		LOW	64QAM	17.37	17.21	17.51	17.70

LTE B5-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	17.32	17.35	17.54	17.70
		MID	QPSK	17.57	17.37	17.59	17.70
		HIGH	QPSK	17.46	17.28	17.42	17.70
	12	LOW	QPSK	17.40	17.32	17.16	17.70
		MID	QPSK	17.11	17.26	17.14	17.70
		HIGH	QPSK	17.22	17.41	17.10	17.70
	25	LOW	QPSK	17.34	17.31	17.31	17.70
		LOW	Q16	17.15	17.68	17.30	17.70
		MID	Q16	17.39	17.45	17.44	17.70
5	1	HIGH	Q16	17.10	17.59	17.11	17.70
		LOW	Q16	17.25	17.26	17.30	17.70
	12	MID	Q16	17.39	17.38	17.25	17.70
		HIGH	Q16	17.34	17.45	17.34	17.70
		LOW	Q16	17.35	17.24	17.49	17.70
	25	LOW	Q16	17.35	17.24	17.49	17.70
		LOW	64QAM	17.13	17.63	17.18	17.70
		MID	64QAM	17.40	17.33	17.48	17.70
		HIGH	64QAM	17.16	17.69	17.20	17.70
5	1	LOW	64QAM	17.03	17.28	17.37	17.70
		MID	64QAM	17.41	17.51	17.11	17.70
		HIGH	64QAM	17.36	17.42	17.37	17.70
	12	LOW	64QAM	17.05	17.40	17.36	17.70
		LOW	64QAM	17.05	17.40	17.36	17.70
		LOW	64QAM	17.05	17.40	17.36	17.70
	25	LOW	64QAM	17.05	17.40	17.36	17.70
		LOW	64QAM	17.05	17.40	17.36	17.70
		LOW	64QAM	17.05	17.40	17.36	17.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	17.34	17.37	17.39	17.70
		MID	QPSK	17.43	17.48	17.46	17.70
		HIGH	QPSK	17.39	17.36	17.40	17.70
	25	LOW	QPSK	17.26	17.31	17.29	17.70
		MID	QPSK	17.22	17.27	17.24	17.70
		HIGH	QPSK	17.28	17.29	17.23	17.70
	50	LOW	QPSK	17.22	17.24	17.26	17.70
		LOW	Q16	17.18	17.67	17.24	17.70
		MID	Q16	17.31	17.43	17.35	17.70
10	1	HIGH	Q16	17.19	17.64	17.23	17.70
		LOW	Q16	17.30	17.40	17.43	17.70
	25	MID	Q16	17.32	17.36	17.38	17.70
		HIGH	Q16	17.37	17.42	17.37	17.70
		LOW	Q16	17.29	17.38	17.35	17.70
	50	LOW	Q16	17.29	17.38	17.35	17.70
		LOW	64QAM	17.19	17.68	17.20	17.70
		MID	64QAM	17.29	17.27	17.49	17.70
		HIGH	64QAM	17.07	17.63	17.28	17.70
10	1	LOW	64QAM	17.18	17.31	17.43	17.70
		MID	64QAM	17.41	17.39	17.25	17.70
		HIGH	64QAM	17.40	17.34	17.51	17.70
	25	LOW	64QAM	17.40	17.34	17.51	17.70
		LOW	64QAM	17.40	17.34	17.51	17.70
		LOW	64QAM	17.40	17.34	17.51	17.70
	50	LOW	64QAM	17.16	17.44	17.21	17.70
		LOW	64QAM	17.16	17.44	17.21	17.70
		LOW	64QAM	17.16	17.44	17.21	17.70

LTE B5-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.43	21.35	21.49	21.70
		MID	QPSK	21.49	21.42	21.54	21.70
		HIGH	QPSK	21.26	21.21	21.48	21.70
	3	LOW	QPSK	21.39	21.28	21.25	21.70
		MID	QPSK	21.30	21.39	21.33	21.70
		HIGH	QPSK	21.54	21.33	21.20	21.70
1.4	1	LOW	QPSK	21.33	21.14	21.27	21.70
		LOW	Q16	21.15	21.39	21.43	21.70
		MID	Q16	21.38	21.54	21.33	21.70
	3	LOW	Q16	21.24	21.53	21.26	21.70
		LOW	Q16	21.04	21.42	21.15	21.70
		MID	Q16	21.32	21.33	21.27	21.70
1.4	1	HIGH	Q16	21.13	21.48	21.19	21.70
		LOW	Q16	21.43	21.32	21.57	21.70
		LOW	Q16	21.43	21.32	21.57	21.70
	3	LOW	64QAM	21.16	21.64	21.01	21.70
		MID	64QAM	21.42	21.48	21.51	21.70
		HIGH	64QAM	21.05	21.51	20.98	21.70
1.4	1	LOW	64QAM	21.40	21.59	21.25	21.70
		MID	64QAM	21.54	21.64	21.17	21.70
		HIGH	64QAM	21.16	21.54	21.11	21.70
	3	LOW	64QAM	20.73	20.82	20.96	21.70
		LOW	64QAM	20.73	20.82	20.96	21.70
		LOW	64QAM	20.73	20.82	20.96	21.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.23	21.55	21.24	21.70
		MID	QPSK	21.36	21.42	21.29	21.70
		HIGH	QPSK	21.29	21.36	21.55	21.70
	8	LOW	QPSK	21.34	21.40	21.31	21.70
		MID	QPSK	21.18	21.19	21.25	21.70
		HIGH	QPSK	21.30	21.44	21.24	21.70
3	1	LOW	QPSK	21.43	21.45	21.18	21.70
		LOW	Q16	21.19	21.37	21.28	21.70
		MID	Q16	21.23	21.38	21.31	21.70
	8	HIGH	Q16	21.08	21.34	21.34	21.70
		LOW	Q16	21.23	21.43	21.54	21.70
		MID	Q16	21.37	21.35	21.28	21.70
3	1	HIGH	Q16	21.28	21.36	21.34	21.70
		LOW	Q16	21.46	21.42	21.30	21.70
		LOW	64QAM	21.28	21.31	21.22	21.70
	8	MID	64QAM	21.47	21.64	21.34	21.70
		HIGH	64QAM	20.95	21.31	21.01	21.70
		LOW	64QAM	20.83	21.07	20.84	21.70
3	1	MID	64QAM	20.75	20.93	21.03	21.70
		HIGH	64QAM	20.93	20.94	20.99	21.70
		LOW	64QAM	20.89	20.68	20.99	21.70
	8	LOW	64QAM	20.89	20.68	20.99	21.70
		LOW	64QAM	20.89	20.68	20.99	21.70
		LOW	64QAM	20.89	20.68	20.99	21.70

LTE B5-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.31	21.38	21.54	21.70
		MID	QPSK	21.56	21.44	21.58	21.70
		HIGH	QPSK	21.45	21.27	21.45	21.70
	12	LOW	QPSK	21.37	21.30	21.17	21.70
		MID	QPSK	21.11	21.29	21.20	21.70
		HIGH	QPSK	21.22	21.38	21.11	21.70
	25	LOW	QPSK	21.28	21.31	21.25	21.70
5	1	LOW	Q16	21.14	21.68	21.31	21.70
		MID	Q16	21.41	21.51	21.42	21.70
		HIGH	Q16	21.12	21.58	21.08	21.70
	12	LOW	Q16	21.23	21.26	21.30	21.70
		MID	Q16	21.45	21.32	21.19	21.70
		HIGH	Q16	21.34	21.50	21.28	21.70
	25	LOW	Q16	21.40	21.22	21.46	21.70
5	1	LOW	64QAM	21.13	21.58	21.12	21.70
		MID	64QAM	21.39	21.33	21.42	21.70
		HIGH	64QAM	21.23	21.42	21.14	21.70
	12	LOW	64QAM	20.55	20.72	20.90	21.70
		MID	64QAM	20.88	21.08	20.68	21.70
		HIGH	64QAM	20.93	20.95	20.88	21.70
	25	LOW	64QAM	20.62	20.95	20.89	21.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	21.32	21.40	21.41	21.70
		MID	QPSK	21.39	21.47	21.47	21.70
		HIGH	QPSK	21.45	21.32	21.46	21.70
	25	LOW	QPSK	21.24	21.32	21.30	21.70
		MID	QPSK	21.21	21.26	21.22	21.70
		HIGH	QPSK	21.27	21.23	21.23	21.70
	50	LOW	QPSK	21.20	21.29	21.26	21.70
10	1	LOW	Q16	21.24	21.62	21.25	21.70
		MID	Q16	21.25	21.37	21.39	21.70
		HIGH	Q16	21.16	21.62	21.30	21.70
	25	LOW	Q16	21.36	21.42	21.47	21.70
		MID	Q16	21.26	21.41	21.38	21.70
		HIGH	Q16	21.44	21.41	21.33	21.70
	50	LOW	Q16	21.30	21.45	21.40	21.70
10	1	LOW	64QAM	21.19	21.63	21.22	21.70
		MID	64QAM	21.30	21.24	21.56	21.70
		HIGH	64QAM	21.07	21.61	21.23	21.70
	25	LOW	64QAM	20.71	20.76	20.94	21.70
		MID	64QAM	20.93	20.85	20.77	21.70
		HIGH	64QAM	20.93	20.78	21.00	21.70
	50	LOW	64QAM	20.69	20.96	20.66	21.70

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.67	23.94	23.87	25.00
		MID	QPSK	23.76	23.76	23.91	25.00
		HIGH	QPSK	23.86	23.78	23.70	25.00
	3	LOW	QPSK	23.88	23.72	23.89	25.00
		MID	QPSK	23.84	23.80	23.73	25.00
		HIGH	QPSK	23.93	23.84	23.82	25.00
1.4	1	LOW	QPSK	22.85	22.86	22.70	24.00
		MID	QPSK	22.75	23.08	22.65	24.00
		HIGH	QPSK	22.73	23.31	22.89	24.00
	3	LOW	QPSK	22.80	23.16	22.83	24.00
		MID	QPSK	22.57	22.95	22.65	24.00
		HIGH	QPSK	22.94	23.24	22.91	24.00
1.4	1	LOW	QPSK	22.82	23.05	22.77	24.00
		MID	QPSK	22.82	23.05	22.77	24.00
		HIGH	QPSK	22.82	23.05	22.77	24.00
	3	LOW	QPSK	21.73	21.84	21.90	23.00
		MID	QPSK	21.73	21.84	21.90	23.00
		HIGH	QPSK	21.73	21.84	21.90	23.00
1.4	1	LOW	64QAM	21.60	21.98	21.75	23.00
		MID	64QAM	21.84	22.44	21.86	23.00
		HIGH	64QAM	21.79	22.21	21.70	23.00
	3	LOW	64QAM	21.53	22.15	21.60	23.00
		MID	64QAM	21.71	22.25	21.93	23.00
		HIGH	64QAM	21.83	22.12	21.76	23.00
1.4	1	LOW	64QAM	20.98	20.59	20.97	22.00
		MID	64QAM	20.98	20.59	20.97	22.00
		HIGH	64QAM	20.98	20.59	20.97	22.00
	3	LOW	64QAM	20.98	20.59	20.97	22.00
		MID	64QAM	20.98	20.59	20.97	22.00
		HIGH	64QAM	20.98	20.59	20.97	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.90	23.75	23.84	25.00
		MID	QPSK	23.91	23.75	23.73	25.00
		HIGH	QPSK	23.66	23.69	23.91	25.00
	8	LOW	QPSK	22.88	22.76	22.79	24.00
		MID	QPSK	22.62	22.77	22.64	24.00
		HIGH	QPSK	22.65	22.66	22.87	24.00
3	1	LOW	QPSK	22.86	22.62	22.82	24.00
		MID	QPSK	22.86	22.62	22.82	24.00
		HIGH	QPSK	22.86	22.62	22.82	24.00
	8	LOW	QPSK	22.82	23.10	22.65	24.00
		MID	QPSK	22.82	23.10	22.65	24.00
		HIGH	QPSK	22.82	23.10	22.65	24.00
3	1	LOW	QPSK	22.80	23.27	22.77	24.00
		MID	QPSK	22.80	23.27	22.77	24.00
		HIGH	QPSK	22.80	23.27	22.77	24.00
	8	LOW	QPSK	21.68	21.91	21.88	23.00
		MID	QPSK	21.67	21.84	21.80	23.00
		HIGH	QPSK	21.83	21.91	21.68	23.00
3	1	LOW	QPSK	21.73	21.79	21.72	23.00
		MID	QPSK	21.73	21.79	21.72	23.00
		HIGH	QPSK	21.73	21.79	21.72	23.00
	8	LOW	QPSK	21.45	22.10	21.60	23.00
		MID	QPSK	21.72	22.22	21.84	23.00
		HIGH	QPSK	21.89	22.36	21.51	23.00
3	1	LOW	QPSK	21.03	20.69	21.09	22.00
		MID	QPSK	21.03	20.69	21.09	22.00
		HIGH	QPSK	21.03	20.69	21.09	22.00
	8	LOW	QPSK	20.78	20.93	20.97	22.00
		MID	QPSK	20.78	20.93	20.97	22.00
		HIGH	QPSK	20.78	20.93	20.97	22.00
3	1	LOW	QPSK	21.04	20.58	20.77	22.00
		MID	QPSK	21.04	20.58	20.77	22.00
		HIGH	QPSK	21.04	20.58	20.77	22.00
	8	LOW	QPSK	20.95	21.01	20.87	22.00
		MID	QPSK	20.95	21.01	20.87	22.00
		HIGH	QPSK	20.95	21.01	20.87	22.00

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.71	23.70	25.00
		MID	QPSK	23.90	23.78	23.86	25.00
		HIGH	QPSK	23.92	23.84	23.76	25.00
	12	LOW	QPSK	22.85	22.86	22.73	24.00
		MID	QPSK	22.68	22.69	22.89	24.00
		HIGH	QPSK	22.95	22.90	22.65	24.00
	25	LOW	QPSK	22.67	22.89	22.58	24.00
5	1	LOW	Q16	22.62	23.15	22.57	24.00
		MID	Q16	22.68	23.20	22.72	24.00
		HIGH	Q16	22.79	23.03	22.70	24.00
	12	LOW	Q16	21.83	21.89	22.06	23.00
		MID	Q16	21.80	21.71	21.93	23.00
		HIGH	Q16	21.76	22.00	21.72	23.00
	25	LOW	Q16	21.75	21.75	21.71	23.00
5	1	LOW	64QAM	21.55	22.17	21.74	23.00
		MID	64QAM	21.76	22.14	21.63	23.00
		HIGH	64QAM	21.58	22.07	21.78	23.00
	12	LOW	64QAM	20.76	20.61	21.13	22.00
		MID	64QAM	20.67	21.06	20.90	22.00
		HIGH	64QAM	20.66	21.04	20.68	22.00
	25	LOW	64QAM	20.76	20.68	20.73	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.79	23.76	25.00
		MID	QPSK	23.90	23.90	23.86	25.00
		HIGH	QPSK	23.78	23.75	23.78	25.00
	25	LOW	QPSK	22.80	22.81	22.77	24.00
		MID	QPSK	22.77	22.76	22.76	24.00
		HIGH	QPSK	22.80	22.77	22.73	24.00
10	1	LOW	QPSK	22.76	22.75	22.73	24.00
		MID	Q16	22.68	23.08	22.72	24.00
		HIGH	Q16	22.81	23.21	22.83	24.00
	25	LOW	Q16	22.67	23.12	22.69	24.00
		MID	Q16	21.80	21.80	21.92	23.00
		HIGH	Q16	21.79	21.82	21.90	23.00
10	1	LOW	Q16	21.86	21.85	21.83	23.00
		MID	Q16	21.76	21.83	21.81	23.00
		HIGH	Q16	21.64	22.16	21.72	23.00
	25	LOW	64QAM	21.64	22.16	21.72	23.00
		MID	64QAM	21.75	22.11	21.78	23.00
		HIGH	64QAM	21.71	22.08	21.84	23.00
10	1	LOW	64QAM	20.83	20.70	21.03	22.00
		MID	64QAM	20.77	20.93	20.78	22.00
		HIGH	64QAM	20.79	20.95	20.83	22.00
	50	LOW	64QAM	20.81	20.68	20.78	22.00

LTE B5-Level1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.67	23.94	23.87	25.00
		MID	QPSK	23.76	23.76	23.91	25.00
		HIGH	QPSK	23.86	23.78	23.70	25.00
	3	LOW	QPSK	23.88	23.72	23.89	25.00
		MID	QPSK	23.84	23.80	23.73	25.00
		HIGH	QPSK	23.93	23.84	23.82	25.00
1.4	1	LOW	QPSK	22.85	22.86	22.70	24.00
		MID	QPSK	22.75	23.08	22.65	24.00
		HIGH	QPSK	22.73	23.31	22.89	24.00
	3	LOW	QPSK	22.80	23.16	22.83	24.00
		MID	QPSK	22.57	22.95	22.65	24.00
		HIGH	QPSK	22.94	23.24	22.91	24.00
1.4	1	LOW	QPSK	22.82	23.05	22.77	24.00
		MID	QPSK	22.82	23.05	22.77	24.00
		HIGH	QPSK	22.82	23.05	22.77	24.00
	3	LOW	QPSK	21.73	21.84	21.90	23.00
		MID	QPSK	21.73	21.84	21.90	23.00
		HIGH	QPSK	21.73	21.84	21.90	23.00
1.4	1	LOW	64QAM	21.60	21.98	21.75	23.00
		MID	64QAM	21.84	22.44	21.86	23.00
		HIGH	64QAM	21.79	22.21	21.70	23.00
	3	LOW	64QAM	21.53	22.15	21.60	23.00
		MID	64QAM	21.71	22.25	21.93	23.00
		HIGH	64QAM	21.83	22.12	21.76	23.00
1.4	1	LOW	64QAM	20.98	20.59	20.97	22.00
		MID	64QAM	20.98	20.59	20.97	22.00
		HIGH	64QAM	20.98	20.59	20.97	22.00
	3	LOW	64QAM	20.98	20.59	20.97	22.00
		MID	64QAM	20.98	20.59	20.97	22.00
		HIGH	64QAM	20.98	20.59	20.97	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.90	23.75	23.84	25.00
		MID	QPSK	23.91	23.75	23.73	25.00
		HIGH	QPSK	23.66	23.69	23.91	25.00
	8	LOW	QPSK	22.88	22.76	22.79	24.00
		MID	QPSK	22.62	22.77	22.64	24.00
		HIGH	QPSK	22.65	22.66	22.87	24.00
3	1	LOW	QPSK	22.86	22.62	22.82	24.00
		MID	QPSK	22.86	22.62	22.82	24.00
		HIGH	QPSK	22.86	22.62	22.82	24.00
	8	LOW	QPSK	22.82	23.10	22.65	24.00
		MID	QPSK	22.82	23.10	22.65	24.00
		HIGH	QPSK	22.82	23.10	22.65	24.00
3	1	LOW	QPSK	22.80	23.27	22.77	24.00
		MID	QPSK	22.80	23.27	22.77	24.00
		HIGH	QPSK	22.80	23.27	22.77	24.00
	8	LOW	QPSK	21.68	21.91	21.88	23.00
		MID	QPSK	21.67	21.84	21.80	23.00
		HIGH	QPSK	21.83	21.91	21.68	23.00
3	1	LOW	QPSK	21.73	21.79	21.72	23.00
		MID	QPSK	21.73	21.79	21.72	23.00
		HIGH	QPSK	21.73	21.79	21.72	23.00
	8	LOW	QPSK	21.45	22.10	21.60	23.00
		MID	QPSK	21.72	22.22	21.84	23.00
		HIGH	QPSK	21.89	22.36	21.51	23.00
3	1	LOW	QPSK	21.03	20.69	21.09	22.00
		MID	QPSK	21.03	20.69	21.09	22.00
		HIGH	QPSK	21.03	20.69	21.09	22.00
	8	LOW	QPSK	20.78	20.93	20.97	22.00
		MID	QPSK	20.78	20.93	20.97	22.00
		HIGH	QPSK	20.78	20.93	20.97	22.00
3	1	LOW	QPSK	21.04	20.58	20.77	22.00
		MID	QPSK	21.04	20.58	20.77	22.00
		HIGH	QPSK	21.04	20.58	20.77	22.00
	8	LOW	QPSK	20.95	21.01	20.87	22.00
		MID	QPSK	20.95	21.01	20.87	22.00
		HIGH	QPSK	20.95	21.01	20.87	22.00

LTE B5-Level1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.87	23.71	23.70	25.00
		MID	QPSK	23.90	23.78	23.86	25.00
		HIGH	QPSK	23.92	23.84	23.76	25.00
	12	LOW	QPSK	22.85	22.86	22.73	24.00
		MID	QPSK	22.68	22.69	22.89	24.00
		HIGH	QPSK	22.95	22.90	22.65	24.00
	25	LOW	QPSK	22.67	22.89	22.58	24.00
5	1	LOW	Q16	22.62	23.15	22.57	24.00
		MID	Q16	22.68	23.20	22.72	24.00
		HIGH	Q16	22.79	23.03	22.70	24.00
	12	LOW	Q16	21.83	21.89	22.06	23.00
		MID	Q16	21.80	21.71	21.93	23.00
		HIGH	Q16	21.76	22.00	21.72	23.00
	25	LOW	Q16	21.75	21.75	21.71	23.00
5	1	LOW	64QAM	21.55	22.17	21.74	23.00
		MID	64QAM	21.76	22.14	21.63	23.00
		HIGH	64QAM	21.58	22.07	21.78	23.00
	12	LOW	64QAM	20.76	20.61	21.13	22.00
		MID	64QAM	20.67	21.06	20.90	22.00
		HIGH	64QAM	20.66	21.04	20.68	22.00
	25	LOW	64QAM	20.76	20.68	20.73	22.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.79	23.76	25.00
		MID	QPSK	23.90	23.90	23.86	25.00
		HIGH	QPSK	23.78	23.75	23.78	25.00
	25	LOW	QPSK	22.80	22.81	22.77	24.00
		MID	QPSK	22.77	22.76	22.76	24.00
		HIGH	QPSK	22.80	22.77	22.73	24.00
10	1	LOW	QPSK	22.76	22.75	22.73	24.00
		MID	Q16	22.68	23.08	22.72	24.00
		HIGH	Q16	22.81	23.21	22.83	24.00
	25	LOW	Q16	22.67	23.12	22.69	24.00
		MID	Q16	21.80	21.80	21.92	23.00
		HIGH	Q16	21.79	21.82	21.90	23.00
10	1	LOW	Q16	21.86	21.85	21.83	23.00
		MID	Q16	21.76	21.83	21.81	23.00
		HIGH	Q16	21.64	22.16	21.72	23.00
	25	LOW	64QAM	21.64	22.16	21.72	23.00
		MID	64QAM	21.75	22.11	21.78	23.00
		HIGH	64QAM	21.71	22.08	21.84	23.00
10	1	LOW	64QAM	20.83	20.70	21.03	22.00
		MID	64QAM	20.77	20.93	20.78	22.00
		HIGH	64QAM	20.79	20.95	20.83	22.00
	50	LOW	64QAM	20.81	20.68	20.78	22.00

LTE B5-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.46	19.27	19.31	20.00
		MID	QPSK	19.57	19.52	19.41	20.00
		HIGH	QPSK	19.43	19.39	19.45	20.00
	3	LOW	QPSK	19.48	19.29	19.35	20.00
		MID	QPSK	19.49	19.50	19.39	20.00
		HIGH	QPSK	19.52	19.45	19.27	20.00
	6	LOW	QPSK	19.25	19.36	19.17	20.00
		LOW	Q16	19.19	19.58	19.39	20.00
		MID	Q16	19.40	19.66	19.29	20.00
1.4	1	MID	Q16	19.36	19.56	19.25	20.00
		HIGH	Q16	19.13	19.62	19.42	20.00
	3	LOW	Q16	19.28	19.48	19.55	20.00
		MID	Q16	19.24	19.43	19.30	20.00
		HIGH	Q16	19.29	19.23	19.65	20.00
	6	LOW	Q16	19.25	19.41	19.42	20.00
		MID	64QAM	19.11	19.52	19.49	20.00
		HIGH	64QAM	19.40	19.47	19.05	20.00
1.4	1	LOW	64QAM	19.02	19.36	19.43	20.00
		MID	64QAM	19.33	19.57	19.48	20.00
		HIGH	64QAM	19.16	19.48	19.10	20.00
	3	LOW	64QAM	19.45	19.09	19.55	20.00
		LOW	Q16	19.34	19.36	19.49	20.00
		MID	QPSK	19.53	19.51	19.62	20.00
	8	HIGH	QPSK	19.52	19.44	19.51	20.00
		LOW	QPSK	19.31	19.32	19.46	20.00
		MID	QPSK	19.22	19.30	19.20	20.00
3	1	HIGH	QPSK	19.35	19.43	19.31	20.00
		LOW	QPSK	19.25	19.16	19.31	20.00
		LOW	Q16	19.38	19.51	19.35	20.00
	8	MID	Q16	19.31	19.55	19.40	20.00
		HIGH	Q16	19.23	19.36	19.15	20.00
		LOW	Q16	19.53	19.17	19.57	20.00
	15	MID	Q16	19.42	19.18	19.31	20.00
		HIGH	Q16	19.44	19.24	19.36	20.00
		LOW	Q16	19.52	19.31	19.44	20.00
3	1	LOW	64QAM	19.26	19.43	19.29	20.00
		MID	64QAM	19.16	19.45	19.32	20.00
		HIGH	64QAM	19.14	19.35	19.09	20.00
	8	LOW	64QAM	19.56	19.27	19.59	20.00
		MID	64QAM	19.33	19.32	19.26	20.00
		HIGH	64QAM	19.39	19.12	19.14	20.00
	15	LOW	64QAM	19.48	19.04	19.17	20.00

LTE B5-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.46	19.53	19.42	20.00
		MID	QPSK	19.35	19.29	19.60	20.00
		HIGH	QPSK	19.29	19.42	19.40	20.00
	12	LOW	QPSK	19.25	19.48	19.38	20.00
		MID	QPSK	19.46	19.18	19.28	20.00
		HIGH	QPSK	19.21	19.14	19.12	20.00
	25	LOW	QPSK	19.38	19.37	19.37	20.00
5	1	LOW	Q16	19.36	19.63	19.37	20.00
		MID	Q16	19.44	19.68	19.41	20.00
		HIGH	Q16	19.29	19.48	19.34	20.00
	12	LOW	Q16	19.56	19.35	19.53	20.00
		MID	Q16	19.42	19.09	19.39	20.00
		HIGH	Q16	19.41	19.28	19.34	20.00
	25	LOW	Q16	19.36	19.11	19.23	20.00
5	1	LOW	64QAM	19.21	19.67	19.22	20.00
		MID	64QAM	19.37	19.65	19.54	20.00
		HIGH	64QAM	19.32	19.48	19.40	20.00
	12	LOW	64QAM	19.48	19.28	19.65	20.00
		MID	64QAM	19.30	19.47	19.45	20.00
		HIGH	64QAM	19.28	19.16	19.49	20.00
	25	LOW	64QAM	19.14	18.97	19.40	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.34	19.40	19.36	20.00
		MID	QPSK	19.42	19.48	19.47	20.00
		HIGH	QPSK	19.38	19.30	19.40	20.00
	25	LOW	QPSK	19.29	19.36	19.32	20.00
		MID	QPSK	19.33	19.29	19.31	20.00
		HIGH	QPSK	19.32	19.29	19.26	20.00
10	50	LOW	QPSK	19.29	19.31	19.31	20.00
		LOW	Q16	19.28	19.51	19.32	20.00
		MID	Q16	19.39	19.56	19.41	20.00
	25	HIGH	Q16	19.24	19.48	19.24	20.00
		LOW	Q16	19.41	19.25	19.51	20.00
		MID	Q16	19.39	19.18	19.45	20.00
10	50	HIGH	Q16	19.42	19.20	19.42	20.00
		LOW	Q16	19.38	19.19	19.36	20.00
		LOW	64QAM	19.20	19.66	19.24	20.00
	1	MID	64QAM	19.39	19.62	19.49	20.00
		HIGH	64QAM	19.30	19.35	19.35	20.00
		LOW	64QAM	19.40	19.38	19.52	20.00
	25	MID	64QAM	19.30	19.33	19.58	20.00
		HIGH	64QAM	19.31	19.10	19.45	20.00
	50	LOW	64QAM	19.26	19.08	19.51	20.00

8.3.2 LTE Band7 Output Power

BL-SZ2230843-701

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.59	22.72	22.66	23.40
		MID	QPSK	22.70	22.90	22.85	23.40
		HIGH	QPSK	22.53	22.67	22.58	23.40
	12	LOW	QPSK	21.74	21.58	21.89	22.40
		MID	QPSK	21.58	21.81	21.81	22.40
		HIGH	QPSK	21.79	21.60	22.01	22.40
	25	LOW	QPSK	21.78	21.73	22.02	22.40
		LOW	Q16	21.93	22.19	21.98	22.40
		MID	Q16	22.18	22.38	22.22	22.40
5	1	MID	Q16	22.15	22.14	21.90	22.40
		HIGH	Q16	20.84	20.58	20.72	21.40
	12	LOW	Q16	20.91	20.71	21.03	21.40
		MID	Q16	20.86	20.58	20.98	21.40
		HIGH	Q16	20.98	20.58	20.96	21.40
	25	LOW	Q16	20.98	20.58	20.96	21.40
		LOW	64QAM	21.01	20.95	21.13	21.40
		MID	64QAM	21.36	21.29	21.18	21.40
		HIGH	64QAM	20.98	21.05	20.87	21.40
5	1	LOW	64QAM	19.90	19.64	20.00	20.40
		MID	64QAM	19.68	19.81	20.15	20.40
		HIGH	64QAM	19.72	19.55	19.75	20.40
	12	LOW	64QAM	19.89	19.46	19.94	20.40
		LOW	64QAM	19.89	19.46	19.94	20.40
		MID	64QAM	19.89	19.46	19.94	20.40
	25	LOW	64QAM	19.89	19.46	19.94	20.40
		MID	64QAM	19.89	19.46	19.94	20.40
		HIGH	64QAM	19.89	19.46	19.94	20.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.62	22.48	22.74	23.40
		MID	QPSK	22.72	23.04	23.00	23.40
		HIGH	QPSK	22.64	22.66	22.56	23.40
	25	LOW	QPSK	21.78	21.75	21.87	22.40
		MID	QPSK	21.71	21.72	21.92	22.40
		HIGH	QPSK	21.68	21.83	21.88	22.40
	50	LOW	QPSK	21.65	21.61	21.88	22.40
		LOW	Q16	22.16	21.98	22.06	22.40
		MID	Q16	22.19	22.16	22.33	22.40
10	1	HIGH	Q16	22.07	22.13	22.05	22.40
		LOW	Q16	20.69	20.74	20.78	21.40
	25	MID	Q16	20.87	20.90	20.96	21.40
		HIGH	Q16	20.93	20.77	20.91	21.40
	50	LOW	Q16	20.90	20.64	21.01	21.40
		LOW	64QAM	21.19	20.87	21.15	21.40
		MID	64QAM	21.40	21.25	21.40	21.40
	1	HIGH	64QAM	20.85	21.02	20.96	21.40
		LOW	64QAM	19.85	19.57	20.00	20.40
10	25	MID	64QAM	19.66	19.76	19.98	20.40
		HIGH	64QAM	19.86	19.48	19.87	20.40
	50	LOW	64QAM	19.90	19.44	19.86	20.40

LTE B7-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.43	22.68	22.57	23.40
		MID	QPSK	22.73	22.96	22.85	23.40
		HIGH	QPSK	22.44	22.48	22.49	23.40
	36	LOW	QPSK	21.90	21.56	21.80	22.40
		MID	QPSK	21.71	21.84	22.04	22.40
		HIGH	QPSK	21.86	21.64	21.86	22.40
	75	LOW	QPSK	21.75	21.71	21.84	22.40
15	1	LOW	Q16	22.11	22.14	22.04	22.40
		MID	Q16	22.26	22.31	22.23	22.40
		HIGH	Q16	22.17	21.87	21.95	22.40
	36	LOW	Q16	20.96	20.72	20.89	21.40
		MID	Q16	20.96	20.91	20.85	21.40
		HIGH	Q16	21.03	20.80	20.89	21.40
	75	LOW	Q16	20.74	20.69	20.96	21.40
15	1	LOW	64QAM	20.94	21.15	21.16	21.40
		MID	64QAM	21.20	21.18	21.40	21.40
		HIGH	64QAM	21.10	21.06	21.07	21.40
	36	LOW	64QAM	19.81	19.75	19.70	20.40
		MID	64QAM	19.94	19.67	20.07	20.40
		HIGH	64QAM	19.64	19.86	19.78	20.40
	75	LOW	64QAM	19.80	19.75	19.98	20.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.51	22.60	22.59	23.40
		MID	QPSK	22.84	22.91	22.98	23.40
		HIGH	QPSK	22.57	22.58	22.58	23.40
	50	LOW	QPSK	21.76	21.70	21.75	22.40
		MID	QPSK	21.72	21.75	21.91	22.40
		HIGH	QPSK	21.83	21.69	22.00	22.40
20	100	LOW	QPSK	21.78	21.70	21.89	22.40
		LOW	Q16	22.02	22.07	22.00	22.40
		MID	Q16	22.37	22.34	22.37	22.40
	50	HIGH	Q16	22.06	22.01	22.02	22.40
		LOW	Q16	20.84	20.68	20.78	21.40
		MID	Q16	20.81	20.80	20.90	21.40
20	100	HIGH	Q16	20.91	20.73	20.95	21.40
		LOW	Q16	20.84	20.70	20.96	21.40
		LOW	64QAM	21.02	21.01	21.14	21.40
	1	MID	64QAM	21.34	21.23	21.37	21.40
		HIGH	64QAM	20.96	21.16	20.93	21.40
		LOW	64QAM	19.69	19.71	19.79	20.40
50	MID	64QAM	19.93	19.82	19.94	20.40	
	HIGH	64QAM	19.79	19.79	19.92	20.40	
	100	LOW	64QAM	19.74	19.60	19.86	20.40

LTE B7-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	9.65	9.68	9.79	10.40
		MID	QPSK	10.00	10.08	10.12	10.40
		HIGH	QPSK	9.82	9.89	9.68	10.40
	12	LOW	QPSK	9.88	9.90	10.02	10.40
		MID	QPSK	9.90	10.05	9.98	10.40
		HIGH	QPSK	10.06	10.02	9.99	10.40
	25	LOW	QPSK	9.94	9.98	10.17	10.40
5	1	LOW	Q16	9.89	10.07	9.75	10.40
		MID	Q16	10.22	10.15	10.32	10.40
		HIGH	Q16	9.88	10.02	9.92	10.40
	12	LOW	Q16	9.91	9.94	9.98	10.40
		MID	Q16	9.91	10.08	10.14	10.40
		HIGH	Q16	10.09	9.99	10.13	10.40
	25	LOW	Q16	10.16	9.97	10.26	10.40
5	1	LOW	64QAM	9.85	10.21	10.07	10.40
		MID	64QAM	10.23	10.31	10.25	10.40
		HIGH	64QAM	10.03	9.81	9.98	10.40
	12	LOW	64QAM	9.93	10.06	9.93	10.40
		MID	64QAM	10.08	10.05	10.25	10.40
		HIGH	64QAM	10.08	10.14	10.26	10.40
	25	LOW	64QAM	10.02	9.90	10.15	10.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	9.73	9.92	9.67	10.40
		MID	QPSK	9.98	10.16	10.07	10.40
		HIGH	QPSK	9.80	9.74	9.62	10.40
	25	LOW	QPSK	9.95	9.78	9.99	10.40
		MID	QPSK	9.89	9.82	10.06	10.40
		HIGH	QPSK	10.02	9.83	10.22	10.40
10	1	LOW	Q16	10.03	10.04	9.75	10.40
		MID	Q16	10.12	10.30	10.31	10.40
		HIGH	Q16	10.07	10.14	9.92	10.40
	25	LOW	Q16	9.96	9.83	10.03	10.40
		MID	Q16	9.92	9.98	10.02	10.40
		HIGH	Q16	9.96	9.98	10.26	10.40
10	1	LOW	Q16	10.11	9.80	10.10	10.40
		LOW	64QAM	9.86	9.94	10.02	10.40
		MID	64QAM	10.21	10.37	10.16	10.40
	25	HIGH	64QAM	10.17	9.99	9.90	10.40
		LOW	64QAM	10.05	10.06	9.94	10.40
		MID	64QAM	10.02	10.02	10.10	10.40
	50	HIGH	64QAM	10.06	10.06	10.21	10.40
50	LOW	64QAM	10.14	9.84	10.12	10.40	

LTE B7-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	9.88	9.83	9.68	10.40
		MID	QPSK	10.15	10.07	10.00	10.40
		HIGH	QPSK	9.60	9.68	9.79	10.40
	36	LOW	QPSK	9.94	9.81	10.01	10.40
		MID	QPSK	9.97	9.84	9.94	10.40
		HIGH	QPSK	9.81	9.80	10.11	10.40
	75	LOW	QPSK	9.79	9.85	9.95	10.40
15	1	LOW	Q16	9.88	9.94	9.76	10.40
		MID	Q16	10.33	10.11	10.31	10.40
		HIGH	Q16	9.94	9.89	9.84	10.40
	36	LOW	Q16	9.92	9.94	9.92	10.40
		MID	Q16	9.99	10.09	10.15	10.40
		HIGH	Q16	10.11	10.05	10.31	10.40
	75	LOW	Q16	9.99	9.83	10.15	10.40
15	1	LOW	64QAM	9.96	9.95	9.86	10.40
		MID	64QAM	10.13	10.29	10.31	10.40
		HIGH	64QAM	10.20	10.01	9.73	10.40
	36	LOW	64QAM	9.79	9.93	10.21	10.40
		MID	64QAM	9.97	9.98	10.09	10.40
		HIGH	64QAM	9.99	9.98	10.16	10.40
	75	LOW	64QAM	10.18	9.76	10.23	10.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	9.74	9.79	9.75	10.40
		MID	QPSK	10.06	10.12	10.10	10.40
		HIGH	QPSK	9.74	9.79	9.76	10.40
	50	LOW	QPSK	9.96	9.77	9.97	10.40
		MID	QPSK	9.91	9.96	10.02	10.40
		HIGH	QPSK	9.96	10.09	10.04	10.40
20	100	LOW	QPSK	9.94	9.89	10.06	10.40
		LOW	Q16	9.98	10.01	9.90	10.40
		MID	Q16	10.28	10.27	10.26	10.40
	50	HIGH	Q16	10.00	9.99	9.92	10.40
		LOW	Q16	9.98	9.87	10.01	10.40
		MID	Q16	9.97	10.00	10.09	10.40
20	100	HIGH	Q16	10.08	9.94	10.20	10.40
		LOW	Q16	10.01	9.88	10.12	10.40
		LOW	64QAM	10.05	10.04	9.88	10.40
	1	MID	64QAM	10.01	10.20	10.32	10.40
		HIGH	64QAM	10.15	9.90	9.77	10.40
		LOW	64QAM	9.92	9.79	10.08	10.40
20	50	MID	64QAM	10.07	9.98	10.24	10.40
		HIGH	64QAM	10.07	9.98	10.11	10.40
	100	LOW	64QAM	10.14	9.78	10.08	10.40

LTE B7-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	12.68	12.69	12.63	13.40
		MID	QPSK	13.11	13.00	12.91	13.40
		HIGH	QPSK	12.78	12.71	12.53	13.40
	12	LOW	QPSK	12.81	12.79	13.00	13.40
		MID	QPSK	12.87	12.99	13.08	13.40
		HIGH	QPSK	12.80	12.76	12.96	13.40
	25	LOW	QPSK	12.73	12.92	13.06	13.40
5	1	LOW	Q16	12.83	12.82	12.86	13.40
		MID	Q16	13.02	13.13	13.11	13.40
		HIGH	Q16	12.79	12.82	12.89	13.40
	12	LOW	Q16	12.91	12.98	13.00	13.40
		MID	Q16	12.74	12.97	13.04	13.40
		HIGH	Q16	13.03	12.76	13.15	13.40
	25	LOW	Q16	13.04	12.93	12.96	13.40
5	1	LOW	64QAM	12.96	13.00	12.96	13.40
		MID	64QAM	12.95	13.10	12.97	13.40
		HIGH	64QAM	12.91	12.92	12.64	13.40
	12	LOW	64QAM	13.12	12.74	12.73	13.40
		MID	64QAM	12.68	12.83	12.85	13.40
		HIGH	64QAM	12.87	12.87	13.28	13.40
	25	LOW	64QAM	13.09	12.67	13.14	13.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	12.68	12.61	12.61	13.40
		MID	QPSK	13.02	12.97	13.07	13.40
		HIGH	QPSK	12.57	12.87	12.59	13.40
	25	LOW	QPSK	12.76	12.82	12.98	13.40
		MID	QPSK	12.95	12.95	12.94	13.40
		HIGH	QPSK	12.87	12.82	13.04	13.40
	50	LOW	QPSK	12.94	12.71	13.12	13.40
10	1	LOW	Q16	12.87	12.98	12.84	13.40
		MID	Q16	13.27	13.18	13.21	13.40
		HIGH	Q16	12.95	12.79	12.79	13.40
	25	LOW	Q16	12.96	12.92	12.84	13.40
		MID	Q16	12.93	12.77	12.85	13.40
		HIGH	Q16	13.05	12.70	13.13	13.40
	50	LOW	Q16	13.02	12.71	13.07	13.40
10	1	LOW	64QAM	12.90	12.91	12.90	13.40
		MID	64QAM	13.06	13.21	13.15	13.40
		HIGH	64QAM	12.85	12.66	12.65	13.40
	25	LOW	64QAM	12.95	12.80	12.75	13.40
		MID	64QAM	12.80	12.80	12.83	13.40
		HIGH	64QAM	12.82	12.75	13.31	13.40
	50	LOW	64QAM	13.12	12.69	13.15	13.40

LTE B7-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	12.73	12.72	12.69	13.40
		MID	QPSK	12.87	12.89	12.95	13.40
		HIGH	QPSK	12.59	12.63	12.66	13.40
	36	LOW	QPSK	13.03	12.73	12.89	13.40
		MID	QPSK	12.89	12.76	12.94	13.40
		HIGH	QPSK	12.80	12.81	12.93	13.40
15	1	LOW	QPSK	12.73	12.72	12.87	13.40
		LOW	Q16	12.88	13.01	12.64	13.40
		MID	Q16	13.08	13.11	13.20	13.40
	36	HIGH	Q16	13.01	12.78	12.86	13.40
		LOW	Q16	12.85	12.77	13.00	13.40
		MID	Q16	12.89	12.90	12.94	13.40
15	1	HIGH	Q16	13.07	12.91	12.93	13.40
		LOW	Q16	12.80	12.73	12.94	13.40
		LOW	64QAM	13.05	12.64	12.89	13.40
	36	MID	64QAM	13.16	13.09	13.15	13.40
		HIGH	64QAM	12.97	12.60	12.66	13.40
		LOW	64QAM	12.86	12.70	12.94	13.40
15	1	MID	64QAM	12.79	12.91	13.13	13.40
		HIGH	64QAM	12.93	12.86	13.07	13.40
		LOW	64QAM	12.80	12.90	13.04	13.40
	36	LOW	64QAM	12.80	12.90	13.04	13.40
		MID	64QAM	12.80	12.90	13.04	13.40
		HIGH	64QAM	12.80	12.90	13.04	13.40
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	12.68	12.69	12.62	13.40
		MID	QPSK	13.06	12.98	13.00	13.40
		HIGH	QPSK	12.70	12.73	12.67	13.40
	50	LOW	QPSK	12.88	12.80	12.94	13.40
		MID	QPSK	12.84	12.85	12.98	13.40
		HIGH	QPSK	13.04	12.85	13.03	13.40
20	1	LOW	QPSK	12.88	12.81	12.98	13.40
		LOW	Q16	12.86	12.88	12.75	13.40
		MID	Q16	13.17	13.07	13.18	13.40
	50	HIGH	Q16	12.93	12.79	12.80	13.40
		LOW	Q16	12.95	12.84	12.88	13.40
		MID	Q16	12.82	12.88	12.96	13.40
20	1	HIGH	Q16	12.96	12.84	13.06	13.40
		LOW	Q16	12.93	12.80	13.03	13.40
		LOW	64QAM	12.95	12.74	12.77	13.40
	50	MID	64QAM	13.12	12.96	13.20	13.40
		HIGH	64QAM	12.88	12.72	12.67	13.40
		LOW	64QAM	12.91	12.72	13.01	13.40
20	1	MID	64QAM	12.78	12.79	13.02	13.40
		HIGH	64QAM	12.95	12.87	13.04	13.40
		LOW	64QAM	12.86	12.81	13.02	13.40
	50	LOW	64QAM	12.86	12.81	13.02	13.40
		MID	64QAM	12.86	12.81	13.02	13.40
		HIGH	64QAM	12.86	12.81	13.02	13.40

LTE B7-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.92	22.83	22.66	23.80
		MID	QPSK	23.00	23.09	23.20	23.80
		HIGH	QPSK	22.93	22.71	22.73	23.80
	12	LOW	QPSK	22.02	22.04	21.85	22.80
		MID	QPSK	22.00	21.96	21.93	22.80
		HIGH	QPSK	22.23	21.89	22.22	22.80
	25	LOW	QPSK	22.04	22.10	22.19	22.80
	5	LOW	Q16	22.49	22.45	22.30	22.80
		MID	Q16	22.45	22.48	22.68	22.80
5	1	HIGH	Q16	22.25	22.36	22.30	22.80
		LOW	Q16	21.21	20.98	20.85	21.80
		MID	Q16	21.12	21.15	21.06	21.80
	12	HIGH	Q16	21.16	20.90	21.00	21.80
		LOW	Q16	21.23	20.91	20.91	21.80
		MID	Q16	21.27	21.40	21.18	21.80
	5	MID	64QAM	21.72	21.60	21.50	21.80
		HIGH	64QAM	21.36	21.24	21.06	21.80
		LOW	64QAM	20.25	19.88	20.08	20.80
5	1	MID	64QAM	20.16	20.14	20.06	20.80
		HIGH	64QAM	20.00	19.90	20.18	20.80
		LOW	64QAM	20.08	20.10	20.11	20.80
	25	LOW	64QAM	20.08	20.10	20.11	20.80
	5	LOW	64QAM	21.27	21.40	21.18	21.80
		MID	64QAM	21.72	21.60	21.50	21.80
		HIGH	64QAM	21.36	21.24	21.06	21.80
		LOW	64QAM	20.25	19.88	20.08	20.80
		MID	64QAM	20.16	20.14	20.06	20.80
		HIGH	64QAM	20.00	19.90	20.18	20.80
	25	LOW	64QAM	20.08	20.10	20.11	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.75	22.72	23.80
		MID	QPSK	23.06	22.98	23.27	23.80
		HIGH	QPSK	22.86	22.88	22.82	23.80
	25	LOW	QPSK	21.85	21.87	21.94	22.80
		MID	QPSK	22.06	21.88	22.01	22.80
		HIGH	QPSK	22.00	22.09	21.94	22.80
	50	LOW	QPSK	21.97	22.02	21.93	22.80
	10	LOW	Q16	22.31	22.40	22.23	22.80
		MID	Q16	22.46	22.52	22.51	22.80
10	1	HIGH	Q16	22.45	22.33	22.17	22.80
		LOW	Q16	21.16	20.97	21.14	21.80
		MID	Q16	21.00	21.13	21.16	21.80
	25	HIGH	Q16	21.17	20.91	20.96	21.80
		LOW	Q16	20.98	20.89	21.05	21.80
		MID	Q16	20.98	20.89	21.05	21.80
	10	LOW	64QAM	21.45	21.35	21.15	21.80
		MID	64QAM	21.55	21.54	21.65	21.80
		HIGH	64QAM	21.48	21.24	21.21	21.80
	25	LOW	64QAM	20.16	19.83	19.95	20.80
		MID	64QAM	20.05	20.05	19.94	20.80
		HIGH	64QAM	19.94	19.95	20.07	20.80
	50	LOW	64QAM	20.12	20.14	20.04	20.80

LTE B7-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)		
15	1	LOW	QPSK	22.93	22.91	22.95	23.80		
		MID	QPSK	23.20	23.05	23.01	23.80		
		HIGH	QPSK	22.76	22.84	22.65	23.80		
		LOW	QPSK	21.91	22.07	22.06	22.80		
		MID	QPSK	21.90	21.82	22.10	22.80		
		HIGH	QPSK	22.09	22.01	22.20	22.80		
	36	LOW	QPSK	21.96	21.83	22.10	22.80		
		MID	Q16	22.42	22.23	22.12	22.80		
		HIGH	Q16	22.55	22.55	22.71	22.80		
		LOW	Q16	22.41	22.26	22.29	22.80		
		MID	Q16	21.06	20.90	21.07	21.80		
		HIGH	Q16	20.93	20.94	20.95	21.80		
15	1	LOW	Q16	20.98	20.86	20.91	21.80		
		MID	Q16	21.11	20.99	21.03	21.80		
		LOW	64QAM	21.25	21.27	21.03	21.80		
		MID	64QAM	21.35	21.54	21.69	21.80		
		HIGH	64QAM	21.43	21.34	21.01	21.80		
		LOW	64QAM	20.07	20.07	19.91	20.80		
	36	MID	64QAM	20.01	19.97	19.79	20.80		
		HIGH	64QAM	20.10	20.00	20.10	20.80		
		75	LOW	64QAM	20.19	19.96	19.97	20.80	
		Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
		20	1	LOW	QPSK	22.82	22.86	22.80	23.80
				MID	QPSK	23.13	23.12	23.12	23.80
HIGH	QPSK			22.80	22.86	22.80	23.80		
50	LOW		QPSK	21.96	21.92	21.96	22.80		
	MID		QPSK	21.98	21.95	22.06	22.80		
	HIGH		QPSK	22.08	21.96	22.07	22.80		
100	LOW	QPSK	22.01	21.96	22.06	22.80			
	LOW	Q16	22.34	22.31	22.23	22.80			
	MID	Q16	22.59	22.60	22.59	22.80			
	HIGH	Q16	22.35	22.33	22.20	22.80			
	LOW	Q16	21.08	20.96	21.00	21.80			
	MID	Q16	21.05	21.05	21.01	21.80			
20	50	HIGH	Q16	21.11	21.01	21.03	21.80		
		LOW	Q16	21.09	21.00	21.05	21.80		
		1	LOW	64QAM	21.40	21.24	21.08	21.80	
			MID	64QAM	21.44	21.75	21.68	21.80	
			HIGH	64QAM	21.31	21.46	21.06	21.80	
		100	LOW	64QAM	20.01	20.04	19.88	20.80	
	MID		64QAM	19.95	20.01	19.90	20.80		
	HIGH		64QAM	20.23	19.87	20.11	20.80		
	100	LOW	64QAM	20.13	20.06	20.06	20.80		

LTE B7-Level1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.92	22.83	22.66	23.80
		MID	QPSK	23.00	23.09	23.20	23.80
		HIGH	QPSK	22.93	22.71	22.73	23.80
	12	LOW	QPSK	22.02	22.04	21.85	22.80
		MID	QPSK	22.00	21.96	21.93	22.80
		HIGH	QPSK	22.23	21.89	22.22	22.80
	25	LOW	QPSK	22.04	22.10	22.19	22.80
	5	LOW	Q16	22.49	22.45	22.30	22.80
		MID	Q16	22.45	22.48	22.68	22.80
5	1	HIGH	Q16	22.25	22.36	22.30	22.80
		LOW	Q16	21.21	20.98	20.85	21.80
		MID	Q16	21.12	21.15	21.06	21.80
	12	HIGH	Q16	21.16	20.90	21.00	21.80
		LOW	Q16	21.23	20.91	20.91	21.80
		MID	Q16	21.27	21.40	21.18	21.80
	5	MID	64QAM	21.72	21.60	21.50	21.80
		HIGH	64QAM	21.36	21.24	21.06	21.80
		LOW	64QAM	20.25	19.88	20.08	20.80
5	12	MID	64QAM	20.16	20.14	20.06	20.80
		HIGH	64QAM	20.00	19.90	20.18	20.80
		LOW	64QAM	20.08	20.10	20.11	20.80
	25	LOW	64QAM	20.08	20.10	20.11	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.75	22.72	23.80
		MID	QPSK	23.06	22.98	23.27	23.80
		HIGH	QPSK	22.86	22.88	22.82	23.80
	25	LOW	QPSK	21.85	21.87	21.94	22.80
		MID	QPSK	22.06	21.88	22.01	22.80
		HIGH	QPSK	22.00	22.09	21.94	22.80
	50	LOW	QPSK	21.97	22.02	21.93	22.80
	10	LOW	Q16	22.31	22.40	22.23	22.80
		MID	Q16	22.46	22.52	22.51	22.80
10	1	HIGH	Q16	22.45	22.33	22.17	22.80
		LOW	Q16	21.16	20.97	21.14	21.80
		MID	Q16	21.00	21.13	21.16	21.80
	25	HIGH	Q16	21.17	20.91	20.96	21.80
		LOW	Q16	20.98	20.89	21.05	21.80
		MID	Q16	20.98	20.89	21.05	21.80
	10	LOW	64QAM	21.45	21.35	21.15	21.80
		MID	64QAM	21.55	21.54	21.65	21.80
		HIGH	64QAM	21.48	21.24	21.21	21.80
10	1	LOW	64QAM	20.16	19.83	19.95	20.80
		MID	64QAM	20.05	20.05	19.94	20.80
		HIGH	64QAM	19.94	19.95	20.07	20.80
	25	LOW	64QAM	20.12	20.14	20.04	20.80
		MID	64QAM	20.12	20.14	20.04	20.80
		HIGH	64QAM	20.12	20.14	20.04	20.80
	50	LOW	64QAM	20.12	20.14	20.04	20.80
	10	LOW	64QAM	20.12	20.14	20.04	20.80
		MID	64QAM	20.12	20.14	20.04	20.80
		HIGH	64QAM	20.12	20.14	20.04	20.80

LTE B7-Level1&2 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	22.93	22.91	22.95	23.80	
		MID	QPSK	23.20	23.05	23.01	23.80	
		HIGH	QPSK	22.76	22.84	22.65	23.80	
	36	LOW	QPSK	21.91	22.07	22.06	22.80	
		MID	QPSK	21.90	21.82	22.10	22.80	
		HIGH	QPSK	22.09	22.01	22.20	22.80	
	75	LOW	QPSK	21.96	21.83	22.10	22.80	
	15	1	LOW	Q16	22.42	22.23	22.12	22.80
			MID	Q16	22.55	22.55	22.71	22.80
			HIGH	Q16	22.41	22.26	22.29	22.80
36		LOW	Q16	21.06	20.90	21.07	21.80	
		MID	Q16	20.93	20.94	20.95	21.80	
		HIGH	Q16	20.98	20.86	20.91	21.80	
75		LOW	Q16	21.11	20.99	21.03	21.80	
15	1	LOW	64QAM	21.25	21.27	21.03	21.80	
		MID	64QAM	21.35	21.54	21.69	21.80	
		HIGH	64QAM	21.43	21.34	21.01	21.80	
	36	LOW	64QAM	20.07	20.07	19.91	20.80	
		MID	64QAM	20.01	19.97	19.79	20.80	
		HIGH	64QAM	20.10	20.00	20.10	20.80	
	75	LOW	64QAM	20.19	19.96	19.97	20.80	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)	
20	1	LOW	QPSK	22.82	22.86	22.80	23.80	
		MID	QPSK	23.13	23.12	23.12	23.80	
		HIGH	QPSK	22.80	22.86	22.80	23.80	
	50	LOW	QPSK	21.96	21.92	21.96	22.80	
		MID	QPSK	21.98	21.95	22.06	22.80	
		HIGH	QPSK	22.08	21.96	22.07	22.80	
20	100	LOW	QPSK	22.01	21.96	22.06	22.80	
		LOW	Q16	22.34	22.31	22.23	22.80	
		MID	Q16	22.59	22.60	22.59	22.80	
	1	HIGH	Q16	22.35	22.33	22.20	22.80	
		LOW	Q16	21.08	20.96	21.00	21.80	
		MID	Q16	21.05	21.05	21.01	21.80	
20	50	HIGH	Q16	21.11	21.01	21.03	21.80	
		LOW	Q16	21.09	21.00	21.05	21.80	
		LOW	64QAM	21.40	21.24	21.08	21.80	
	1	MID	64QAM	21.44	21.75	21.68	21.80	
		HIGH	64QAM	21.31	21.46	21.06	21.80	
		LOW	64QAM	20.01	20.04	19.88	20.80	
20	50	MID	64QAM	19.95	20.01	19.90	20.80	
		HIGH	64QAM	20.23	19.87	20.11	20.80	
	100	LOW	64QAM	20.13	20.06	20.06	20.80	

LTE B7-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.45	17.51	17.52	17.80
		MID	QPSK	17.78	17.69	17.49	17.80
		HIGH	QPSK	17.57	17.32	17.48	17.80
	12	LOW	QPSK	17.75	17.63	17.65	17.80
		MID	QPSK	17.60	17.52	17.57	17.80
		HIGH	QPSK	17.76	17.69	17.55	17.80
	25	LOW	QPSK	17.60	17.47	17.51	17.80
	5	LOW	Q16	17.65	17.47	17.66	17.80
		MID	Q16	17.41	17.73	17.48	17.80
		HIGH	Q16	17.78	17.65	17.60	17.80
		LOW	Q16	17.21	17.37	17.32	17.80
		MID	Q16	17.50	17.23	17.39	17.80
		HIGH	Q16	17.32	17.48	17.23	17.80
5	1	LOW	Q16	17.27	17.21	17.39	17.80
		LOW	64QAM	17.67	17.74	17.59	17.80
		MID	64QAM	17.43	17.35	17.39	17.80
	12	HIGH	64QAM	17.39	17.73	17.51	17.80
		LOW	64QAM	17.28	17.44	17.43	17.80
		MID	64QAM	17.40	17.63	17.22	17.80
	25	HIGH	64QAM	17.42	17.05	17.32	17.80
		LOW	64QAM	17.31	17.16	17.27	17.80
		LOW	64QAM	17.31	17.16	17.27	17.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.54	17.61	17.45	17.80
		MID	QPSK	17.78	17.32	17.69	17.80
		HIGH	QPSK	17.43	17.38	17.43	17.80
	25	LOW	QPSK	17.75	17.55	17.74	17.80
		MID	QPSK	17.63	17.63	17.32	17.80
		HIGH	QPSK	17.78	17.59	17.75	17.80
10	50	LOW	QPSK	17.74	17.66	17.68	17.80
	1	LOW	Q16	17.74	17.52	17.66	17.80
		MID	Q16	17.78	17.78	17.69	17.80
		HIGH	Q16	17.70	17.64	17.42	17.80
	25	LOW	Q16	17.44	17.31	17.31	17.80
		MID	Q16	17.24	17.29	17.22	17.80
		HIGH	Q16	17.46	17.29	17.32	17.80
	50	LOW	Q16	17.27	17.20	17.30	17.80
	10	LOW	64QAM	17.64	17.26	17.51	17.80
		MID	64QAM	17.79	17.46	17.43	17.80
		HIGH	64QAM	17.62	17.68	17.45	17.80
	25	LOW	64QAM	17.34	17.47	17.23	17.80
		MID	64QAM	17.39	17.63	17.20	17.80
		HIGH	64QAM	17.30	17.26	17.23	17.80
10	50	LOW	64QAM	17.31	17.19	17.38	17.80
	50	LOW	64QAM	17.31	17.19	17.38	17.80

LTE B7-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.57	17.46	17.37	17.80
		MID	QPSK	17.72	17.80	17.68	17.80
		HIGH	QPSK	17.34	17.35	17.29	17.80
	36	LOW	QPSK	17.80	17.67	17.75	17.80
		MID	QPSK	17.69	17.70	17.55	17.80
		HIGH	QPSK	17.54	17.69	17.77	17.80
	75	LOW	QPSK	17.74	17.48	17.75	17.80
	15	LOW	Q16	17.63	17.58	17.66	17.80
		MID	Q16	17.44	17.42	17.57	17.80
		HIGH	Q16	17.71	17.60	17.46	17.80
		LOW	Q16	17.32	17.34	17.32	17.80
		MID	Q16	17.46	17.51	17.26	17.80
		HIGH	Q16	17.54	17.31	17.42	17.80
15	1	LOW	Q16	17.32	17.35	17.21	17.80
		LOW	64QAM	17.59	17.39	17.80	17.80
		MID	64QAM	17.78	17.39	17.77	17.80
	36	HIGH	64QAM	17.38	17.72	17.68	17.80
		LOW	64QAM	17.52	17.22	17.50	17.80
		MID	64QAM	17.25	17.16	17.31	17.80
	75	HIGH	64QAM	17.55	17.09	17.34	17.80
		LOW	64QAM	17.40	17.32	17.48	17.80
		LOW	64QAM	17.40	17.32	17.48	17.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.44	17.49	17.42	17.80
		MID	QPSK	17.51	17.52	17.48	17.80
		HIGH	QPSK	17.48	17.47	17.37	17.80
	50	LOW	QPSK	17.65	17.53	17.67	17.80
		MID	QPSK	17.61	17.67	17.67	17.80
		HIGH	QPSK	17.68	17.61	17.66	17.80
	100	LOW	QPSK	17.65	17.61	17.66	17.80
	20	LOW	Q16	17.68	17.61	17.58	17.80
		MID	Q16	17.41	17.46	17.51	17.80
		HIGH	Q16	17.68	17.60	17.46	17.80
		LOW	Q16	17.32	17.28	17.31	17.80
		MID	Q16	17.37	17.37	17.33	17.80
		HIGH	Q16	17.42	17.33	17.35	17.80
20	1	LOW	Q16	17.36	17.32	17.36	17.80
		LOW	64QAM	17.68	17.54	17.69	17.80
		MID	64QAM	17.42	17.50	17.76	17.80
	50	HIGH	64QAM	17.78	17.65	17.56	17.80
		LOW	64QAM	17.38	17.37	17.42	17.80
		MID	64QAM	17.25	17.26	17.32	17.80
	100	HIGH	64QAM	17.57	17.24	17.21	17.80
		LOW	64QAM	17.46	17.33	17.48	17.80
		LOW	64QAM	17.46	17.33	17.48	17.80

8.3.3 LTE Band38 Output Power

BL-SZ2230843-701

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.26	22.90	23.15	23.70
		MID	QPSK	23.29	23.36	23.47	23.70
		HIGH	QPSK	22.93	22.96	23.30	23.70
	12	LOW	QPSK	21.71	21.90	21.87	22.70
		MID	QPSK	21.82	21.90	21.97	22.70
		HIGH	QPSK	21.61	21.91	21.89	22.70
	25	LOW	QPSK	21.63	21.79	21.77	22.70
		LOW	Q16	22.28	22.36	22.67	22.70
		MID	Q16	22.61	22.38	22.42	22.70
5	1	MID	Q16	22.23	22.38	22.41	22.70
		HIGH	Q16	22.23	22.38	22.41	22.70
		LOW	Q16	21.15	21.47	21.36	21.70
	12	MID	Q16	21.37	21.32	21.46	21.70
		HIGH	Q16	21.13	21.24	21.56	21.70
		LOW	Q16	21.33	21.48	21.33	21.70
	25	LOW	Q16	21.33	21.48	21.33	21.70
		LOW	64QAM	21.34	21.26	21.61	21.70
		MID	64QAM	21.42	21.67	21.29	21.70
5	1	HIGH	64QAM	21.18	21.25	21.51	21.70
		LOW	64QAM	19.98	20.18	20.38	20.70
	12	MID	64QAM	20.16	20.35	20.62	20.70
		HIGH	64QAM	20.32	20.44	20.41	20.70
		LOW	64QAM	20.09	20.48	20.43	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	23.17	23.16	23.70
		MID	QPSK	23.44	23.45	23.44	23.70
		HIGH	QPSK	23.17	23.14	23.34	23.70
	25	LOW	QPSK	21.68	21.72	21.91	22.70
		MID	QPSK	21.69	21.73	22.00	22.70
		HIGH	QPSK	21.62	21.82	21.97	22.70
	50	LOW	QPSK	21.78	21.82	22.00	22.70
		LOW	Q16	22.49	22.31	22.61	22.70
		MID	Q16	22.44	22.57	22.64	22.70
10	1	HIGH	Q16	22.27	22.34	22.42	22.70
		LOW	Q16	21.23	21.35	21.31	21.70
	25	MID	Q16	21.23	21.30	21.59	21.70
		HIGH	Q16	21.21	21.34	21.44	21.70
	50	LOW	Q16	21.30	21.47	21.41	21.70
		LOW	64QAM	21.50	21.48	21.57	21.70
		MID	64QAM	21.52	21.68	21.46	21.70
	1	HIGH	64QAM	21.43	21.26	21.56	21.70
		LOW	64QAM	20.09	20.24	20.45	20.70
10	25	MID	64QAM	20.18	20.10	20.32	20.70
		HIGH	64QAM	20.16	20.55	20.52	20.70
	50	LOW	64QAM	20.05	20.47	20.45	20.70

LTE B38-Full Power -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.00	23.19	23.70
		MID	QPSK	23.25	23.37	23.61	23.70
		HIGH	QPSK	23.06	23.19	23.25	23.70
	36	LOW	QPSK	21.76	21.70	21.98	22.70
		MID	QPSK	21.91	21.79	21.97	22.70
		HIGH	QPSK	21.61	21.81	22.09	22.70
	75	LOW	QPSK	21.67	21.90	21.94	22.70
15	1	LOW	Q16	22.39	22.25	22.37	22.70
		MID	Q16	22.51	22.32	22.40	22.70
		HIGH	Q16	22.40	22.28	22.60	22.70
	36	LOW	Q16	21.34	21.20	21.43	21.70
		MID	Q16	21.37	21.27	21.45	21.70
		HIGH	Q16	21.18	21.32	21.40	21.70
	75	LOW	Q16	21.15	21.25	21.39	21.70
15	1	LOW	64QAM	21.13	21.09	21.48	21.70
		MID	64QAM	21.44	21.53	21.60	21.70
		HIGH	64QAM	21.44	21.32	21.60	21.70
	36	LOW	64QAM	20.21	20.42	20.49	20.70
		MID	64QAM	20.50	20.29	20.51	20.70
		HIGH	64QAM	20.29	20.09	20.63	20.70
	75	LOW	64QAM	20.23	20.35	20.50	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.11	23.05	23.18	23.70
		MID	QPSK	23.32	23.33	23.48	23.70
		HIGH	QPSK	23.03	23.11	23.26	23.70
	50	LOW	QPSK	21.81	21.76	21.87	22.70
		MID	QPSK	21.80	21.81	21.94	22.70
		HIGH	QPSK	21.69	21.85	21.94	22.70
20	100	LOW	QPSK	21.77	21.78	21.89	22.70
		LOW	Q16	22.35	22.24	22.52	22.70
		MID	Q16	22.49	22.44	22.52	22.70
	50	HIGH	Q16	22.30	22.31	22.45	22.70
		LOW	Q16	21.25	21.32	21.41	21.70
		MID	Q16	21.25	21.32	21.53	21.70
20	100	HIGH	Q16	21.22	21.33	21.49	21.70
		LOW	Q16	21.23	21.35	21.39	21.70
		LOW	64QAM	21.20	21.09	21.52	21.70
	1	MID	64QAM	21.53	21.43	21.65	21.70
		HIGH	64QAM	21.33	21.32	21.57	21.70
		LOW	64QAM	20.26	20.30	20.35	20.70
50	MID	64QAM	20.40	20.27	20.52	20.70	
	HIGH	64QAM	20.28	20.23	20.53	20.70	
20	100	LOW	64QAM	20.10	20.24	20.36	20.70

LTE B38-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	11.13	11.06	11.08	11.70
		MID	QPSK	11.46	11.32	11.35	11.70
		HIGH	QPSK	11.21	11.19	11.12	11.70
	12	LOW	QPSK	11.43	11.30	11.45	11.70
		MID	QPSK	11.29	11.26	11.40	11.70
		HIGH	QPSK	11.47	11.45	11.45	11.70
	25	LOW	QPSK	11.36	11.32	11.32	11.70
5	1	LOW	Q16	10.87	10.79	10.99	11.70
		MID	Q16	11.07	10.92	11.14	11.70
		HIGH	Q16	11.01	10.79	11.11	11.70
	12	LOW	Q16	11.10	10.97	11.12	11.70
		MID	Q16	10.85	10.81	11.04	11.70
		HIGH	Q16	10.80	10.86	11.21	11.70
	25	LOW	Q16	10.87	10.98	11.12	11.70
5	1	LOW	64QAM	10.93	10.87	11.04	11.70
		MID	64QAM	11.04	10.85	10.98	11.70
		HIGH	64QAM	10.83	10.98	11.10	11.70
	12	LOW	64QAM	10.91	11.00	10.81	11.70
		MID	64QAM	11.05	10.95	11.32	11.70
		HIGH	64QAM	10.93	10.97	10.99	11.70
	25	LOW	64QAM	11.18	10.91	11.15	11.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	11.20	11.22	11.15	11.70
		MID	QPSK	11.35	11.46	11.59	11.70
		HIGH	QPSK	10.92	11.15	11.10	11.70
	25	LOW	QPSK	11.20	11.17	11.35	11.70
		MID	QPSK	11.38	11.38	11.48	11.70
	50	HIGH	QPSK	11.24	11.34	11.31	11.70
10	1	LOW	Q16	11.15	11.43	11.24	11.70
		LOW	Q16	10.88	11.06	10.98	11.70
		MID	Q16	11.09	10.92	10.98	11.70
	25	HIGH	Q16	10.99	10.99	11.03	11.70
		LOW	Q16	10.99	11.01	11.04	11.70
	50	MID	Q16	10.89	10.84	11.20	11.70
10	1	HIGH	Q16	11.01	11.07	11.04	11.70
		LOW	Q16	11.00	10.86	11.13	11.70
	25	LOW	64QAM	10.99	11.09	11.10	11.70
		MID	64QAM	11.10	10.94	11.07	11.70
		HIGH	64QAM	10.72	11.03	11.08	11.70
	50	LOW	64QAM	10.92	10.80	10.96	11.70
		MID	64QAM	11.05	10.96	11.07	11.70
10	25	HIGH	64QAM	10.69	10.87	11.06	11.70
	50	LOW	64QAM	11.09	11.01	11.05	11.70

LTE B38-Level1&2 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	11.06	11.19	11.13	11.70
		MID	QPSK	11.40	11.49	11.49	11.70
		HIGH	QPSK	11.16	11.18	11.21	11.70
	36	LOW	QPSK	11.40	11.24	11.38	11.70
		MID	QPSK	11.41	11.34	11.39	11.70
		HIGH	QPSK	11.49	11.23	11.39	11.70
	75	LOW	QPSK	11.20	11.36	11.40	11.70
15	1	LOW	Q16	10.80	10.80	10.89	11.70
		MID	Q16	11.06	10.89	11.21	11.70
		HIGH	Q16	10.88	11.00	11.04	11.70
	36	LOW	Q16	10.91	10.88	11.19	11.70
		MID	Q16	10.98	10.79	11.12	11.70
		HIGH	Q16	11.06	10.99	11.12	11.70
	75	LOW	Q16	11.00	10.92	11.05	11.70
15	1	LOW	64QAM	10.73	10.75	11.13	11.70
		MID	64QAM	11.11	11.14	11.15	11.70
		HIGH	64QAM	10.90	10.85	10.99	11.70
	36	LOW	64QAM	11.12	10.83	11.32	11.70
		MID	64QAM	10.78	10.70	11.11	11.70
		HIGH	64QAM	10.99	10.84	11.16	11.70
	75	LOW	64QAM	10.93	10.81	11.08	11.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	11.18	11.07	11.16	11.70
		MID	QPSK	11.38	11.35	11.35	11.70
		HIGH	QPSK	11.07	11.10	11.19	11.70
	50	LOW	QPSK	11.33	11.28	11.35	11.70
		MID	QPSK	11.29	11.31	11.41	11.70
		HIGH	QPSK	11.34	11.37	11.44	11.70
20	100	LOW	QPSK	11.30	11.36	11.38	11.70
		LOW	Q16	10.92	10.91	10.95	11.70
		MID	Q16	11.05	10.95	11.10	11.70
	50	HIGH	Q16	10.97	10.94	10.99	11.70
		LOW	Q16	10.95	10.94	11.04	11.70
		MID	Q16	10.94	10.93	11.12	11.70
20	100	HIGH	Q16	10.94	10.95	11.10	11.70
		LOW	Q16	10.91	10.98	11.02	11.70
		LOW	64QAM	10.85	10.79	11.06	11.70
	1	MID	64QAM	10.98	10.99	11.08	11.70
		HIGH	64QAM	11.05	10.88	11.08	11.70
		LOW	64QAM	11.09	10.88	11.18	11.70
50	MID	64QAM	10.90	10.79	11.22	11.70	
	HIGH	64QAM	10.85	10.84	11.04	11.70	
	100	LOW	64QAM	10.97	10.91	11.17	11.70

LTE B38-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.39	20.97	21.08	21.70
		MID	QPSK	21.35	21.34	21.52	21.70
		HIGH	QPSK	21.05	21.02	21.15	21.70
	12	LOW	QPSK	20.95	21.19	21.06	21.70
		MID	QPSK	21.24	21.07	21.22	21.70
		HIGH	QPSK	20.72	21.13	21.10	21.70
	25	LOW	QPSK	21.02	20.91	20.92	21.70
5	1	LOW	Q16	21.14	21.39	21.50	21.70
		MID	Q16	21.44	21.28	21.46	21.70
		HIGH	Q16	21.33	21.33	21.26	21.70
	12	LOW	Q16	21.08	21.35	21.31	21.70
		MID	Q16	21.25	21.31	21.42	21.70
		HIGH	Q16	21.12	21.21	21.42	21.70
	25	LOW	Q16	21.50	21.63	21.19	21.70
5	1	LOW	64QAM	21.47	21.10	21.18	21.70
		MID	64QAM	21.55	21.56	21.23	21.70
		HIGH	64QAM	21.05	21.13	21.41	21.70
	12	LOW	64QAM	19.83	20.09	20.57	20.70
		MID	64QAM	20.20	20.16	20.19	20.70
		HIGH	64QAM	20.36	20.60	20.39	20.70
	25	LOW	64QAM	20.06	20.44	20.36	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.99	21.34	21.30	21.70
		MID	QPSK	21.62	21.50	21.61	21.70
		HIGH	QPSK	21.05	20.98	21.42	21.70
	25	LOW	QPSK	20.80	20.90	21.05	21.70
		MID	QPSK	21.01	21.04	21.44	21.70
		HIGH	QPSK	21.02	21.28	21.16	21.70
10	1	LOW	QPSK	20.99	20.98	21.47	21.70
		MID	QPSK	21.02	21.28	21.16	21.70
		HIGH	QPSK	21.02	21.28	21.16	21.70
	25	LOW	Q16	21.67	21.34	21.28	21.70
		MID	Q16	21.28	21.48	21.26	21.70
		HIGH	Q16	21.45	21.29	21.53	21.70
10	1	LOW	Q16	21.14	21.20	21.26	21.70
		MID	Q16	21.30	21.47	21.43	21.70
		HIGH	Q16	21.13	21.53	21.35	21.70
	25	LOW	Q16	21.19	21.41	21.42	21.70
		MID	Q16	21.19	21.41	21.42	21.70
		HIGH	Q16	21.19	21.41	21.42	21.70
10	1	LOW	64QAM	21.53	21.30	21.42	21.70
		MID	64QAM	21.49	21.67	21.39	21.70
		HIGH	64QAM	21.62	21.09	21.44	21.70
	25	LOW	64QAM	20.16	20.32	20.45	20.70
		MID	64QAM	20.05	20.08	20.37	20.70
		HIGH	64QAM	20.21	20.63	20.34	20.70
10	50	LOW	64QAM	20.22	20.49	20.63	20.70
		HIGH	64QAM	20.22	20.49	20.63	20.70

LTE B38-Level3&4&5&6 -Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.34	20.85	21.22	21.70
		MID	QPSK	21.12	21.46	21.49	21.70
		HIGH	QPSK	21.17	21.30	21.31	21.70
	36	LOW	QPSK	21.19	21.23	21.32	21.70
		MID	QPSK	21.48	21.01	21.39	21.70
		HIGH	QPSK	20.99	21.39	21.22	21.70
	75	LOW	QPSK	21.12	21.25	21.41	21.70
15	1	LOW	Q16	21.26	21.25	21.44	21.70
		MID	Q16	21.48	21.14	21.34	21.70
		HIGH	Q16	21.35	21.19	21.43	21.70
	36	LOW	Q16	21.33	21.37	21.25	21.70
		MID	Q16	21.26	21.24	21.38	21.70
		HIGH	Q16	21.25	21.27	21.58	21.70
	75	LOW	Q16	21.18	21.15	21.35	21.70
15	1	LOW	64QAM	21.06	21.17	21.57	21.70
		MID	64QAM	21.39	21.64	21.30	21.70
		HIGH	64QAM	21.44	21.28	21.58	21.70
	36	LOW	64QAM	20.35	20.59	20.35	20.70
		MID	64QAM	20.48	20.15	20.61	20.70
		HIGH	64QAM	20.27	20.16	20.48	20.70
	75	LOW	64QAM	20.05	20.25	20.55	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.12	21.18	21.14	21.70
		MID	QPSK	21.29	21.20	21.28	21.70
		HIGH	QPSK	21.08	21.27	21.26	21.70
	50	LOW	QPSK	21.04	21.12	21.12	21.70
		MID	QPSK	21.05	21.28	21.33	21.70
		HIGH	QPSK	21.28	21.24	21.23	21.70
	100	LOW	QPSK	21.18	21.22	21.30	21.70
20	1	LOW	Q16	21.23	21.20	21.51	21.70
		MID	Q16	21.52	21.37	21.57	21.70
		HIGH	Q16	21.28	21.25	21.51	21.70
	50	LOW	Q16	21.16	21.47	21.31	21.70
		MID	Q16	21.41	21.38	21.57	21.70
		HIGH	Q16	21.19	21.32	21.42	21.70
	100	LOW	Q16	21.28	21.21	21.46	21.70
20	1	LOW	64QAM	21.24	20.93	21.61	21.70
		MID	64QAM	21.42	21.33	21.55	21.70
		HIGH	64QAM	21.22	21.14	21.67	21.70
	50	LOW	64QAM	20.08	20.14	20.44	20.70
		MID	64QAM	20.59	20.41	20.53	20.70
		HIGH	64QAM	20.10	20.22	20.39	20.70
	100	LOW	64QAM	19.96	20.43	20.40	20.70

LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.15	23.20	23.27	23.80
		MID	QPSK	23.71	23.46	23.58	23.80
		HIGH	QPSK	23.16	23.21	23.21	23.80
	12	LOW	QPSK	21.88	21.79	22.01	22.80
		MID	QPSK	21.82	21.76	22.02	22.80
		HIGH	QPSK	21.96	21.99	21.95	22.80
25	LOW	QPSK	21.81	21.88	21.81	22.80	
5	1	LOW	Q16	22.61	22.21	22.48	22.80
		MID	Q16	22.67	22.44	22.42	22.80
		HIGH	Q16	22.55	22.28	22.63	22.80
	12	LOW	Q16	21.26	21.22	21.55	21.80
		MID	Q16	21.31	21.42	21.56	21.80
		HIGH	Q16	21.35	21.58	21.46	21.80
25	LOW	Q16	21.26	21.38	21.33	21.80	
5	1	LOW	64QAM	21.54	21.32	21.76	21.80
		MID	64QAM	21.39	21.53	21.51	21.80
		HIGH	64QAM	21.45	21.26	21.64	21.80
	12	LOW	64QAM	20.34	20.31	20.46	20.80
		MID	64QAM	20.33	20.31	20.43	20.80
		HIGH	64QAM	20.53	20.37	20.42	20.80
25	LOW	64QAM	20.27	20.37	20.39	20.80	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.13	23.21	23.22	23.80
		MID	QPSK	23.73	23.62	23.74	23.80
		HIGH	QPSK	23.14	23.06	23.15	23.80
	25	LOW	QPSK	21.75	21.86	21.77	22.80
		MID	QPSK	21.91	21.99	22.01	22.80
		HIGH	QPSK	21.96	21.97	21.90	22.80
50	LOW	QPSK	21.92	21.99	21.93	22.80	
10	1	LOW	Q16	22.53	22.45	22.64	22.80
		MID	Q16	22.52	22.50	22.48	22.80
		HIGH	Q16	22.44	22.46	22.72	22.80
	25	LOW	Q16	21.38	21.42	21.25	21.80
		MID	Q16	21.26	21.34	21.64	21.80
		HIGH	Q16	21.23	21.36	21.54	21.80
50	LOW	Q16	21.25	21.31	21.53	21.80	
10	1	LOW	64QAM	21.51	21.24	21.65	21.80
		MID	64QAM	21.46	21.67	21.43	21.80
		HIGH	64QAM	21.56	21.39	21.76	21.80
	25	LOW	64QAM	20.33	20.29	20.34	20.80
		MID	64QAM	20.40	20.43	20.38	20.80
		HIGH	64QAM	20.42	20.31	20.62	20.80
50	LOW	64QAM	20.34	20.36	20.27	20.80	

LTE B38-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.01	23.22	23.80
		MID	QPSK	23.57	23.51	23.54	23.80
		HIGH	QPSK	22.98	23.22	23.10	23.80
	36	LOW	QPSK	21.82	21.80	21.94	22.80
		MID	QPSK	21.82	21.93	21.87	22.80
		HIGH	QPSK	21.87	21.95	21.87	22.80
	75	LOW	QPSK	22.02	21.86	21.73	22.80
		LOW	Q16	22.49	22.17	22.60	22.80
		MID	Q16	22.62	22.47	22.46	22.80
15	1	MID	Q16	22.42	22.46	22.51	22.80
		HIGH	Q16	21.33	21.34	21.35	21.80
		LOW	Q16	21.31	21.42	21.58	21.80
	36	MID	Q16	21.44	21.40	21.50	21.80
		HIGH	Q16	21.45	21.36	21.34	21.80
		LOW	Q16	21.56	21.53	21.59	21.80
	75	MID	64QAM	21.42	21.63	21.55	21.80
		HIGH	64QAM	21.35	21.36	21.64	21.80
		LOW	64QAM	20.28	20.43	20.51	20.80
15	1	MID	64QAM	20.61	20.32	20.46	20.80
		HIGH	64QAM	20.21	20.28	20.63	20.80
		LOW	64QAM	20.22	20.35	20.36	20.80
	36	LOW	64QAM	21.54	21.45	21.54	21.80
		MID	64QAM	21.56	21.52	21.44	21.80
		HIGH	64QAM	21.31	21.27	21.77	21.80
	50	LOW	64QAM	20.31	20.38	20.37	20.80
		MID	64QAM	20.52	20.43	20.38	20.80
		HIGH	64QAM	20.29	20.37	20.58	20.80
20	1	LOW	64QAM	20.21	20.40	20.51	20.80
		MID	64QAM	20.21	20.40	20.51	20.80
		HIGH	64QAM	20.21	20.40	20.51	20.80
	50	LOW	64QAM	20.21	20.40	20.51	20.80
		MID	64QAM	20.21	20.40	20.51	20.80
		HIGH	64QAM	20.21	20.40	20.51	20.80
	100	LOW	64QAM	20.21	20.40	20.51	20.80
		MID	64QAM	20.21	20.40	20.51	20.80
		HIGH	64QAM	20.21	20.40	20.51	20.80

LTE B38-Level1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.15	23.20	23.27	23.80
		MID	QPSK	23.71	23.46	23.58	23.80
		HIGH	QPSK	23.16	23.21	23.21	23.80
	12	LOW	QPSK	21.88	21.79	22.01	22.80
		MID	QPSK	21.82	21.76	22.02	22.80
		HIGH	QPSK	21.96	21.99	21.95	22.80
	25	LOW	QPSK	21.81	21.88	21.81	22.80
5	1	LOW	Q16	22.61	22.21	22.48	22.80
		MID	Q16	22.67	22.44	22.42	22.80
		HIGH	Q16	22.55	22.28	22.63	22.80
	12	LOW	Q16	21.26	21.22	21.55	21.80
		MID	Q16	21.31	21.42	21.56	21.80
		HIGH	Q16	21.35	21.58	21.46	21.80
	25	LOW	Q16	21.26	21.38	21.33	21.80
5	1	LOW	64QAM	21.54	21.32	21.76	21.80
		MID	64QAM	21.39	21.53	21.51	21.80
		HIGH	64QAM	21.45	21.26	21.64	21.80
	12	LOW	64QAM	20.34	20.31	20.46	20.80
		MID	64QAM	20.33	20.31	20.43	20.80
		HIGH	64QAM	20.53	20.37	20.42	20.80
	25	LOW	64QAM	20.27	20.37	20.39	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.13	23.21	23.22	23.80
		MID	QPSK	23.73	23.62	23.74	23.80
		HIGH	QPSK	23.14	23.06	23.15	23.80
	25	LOW	QPSK	21.75	21.86	21.77	22.80
		MID	QPSK	21.91	21.99	22.01	22.80
		HIGH	QPSK	21.96	21.97	21.90	22.80
	50	LOW	QPSK	21.92	21.99	21.93	22.80
10	1	LOW	Q16	22.53	22.45	22.64	22.80
		MID	Q16	22.52	22.50	22.48	22.80
		HIGH	Q16	22.44	22.46	22.72	22.80
	25	LOW	Q16	21.38	21.42	21.25	21.80
		MID	Q16	21.26	21.34	21.64	21.80
		HIGH	Q16	21.23	21.36	21.54	21.80
	50	LOW	Q16	21.25	21.31	21.53	21.80
10	1	LOW	64QAM	21.51	21.24	21.65	21.80
		MID	64QAM	21.46	21.67	21.43	21.80
		HIGH	64QAM	21.56	21.39	21.76	21.80
	25	LOW	64QAM	20.33	20.29	20.34	20.80
		MID	64QAM	20.40	20.43	20.38	20.80
		HIGH	64QAM	20.42	20.31	20.62	20.80
	50	LOW	64QAM	20.34	20.36	20.27	20.80

LTE B38-Level1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.34	23.01	23.22	23.80
		MID	QPSK	23.57	23.51	23.54	23.80
		HIGH	QPSK	22.98	23.22	23.10	23.80
	36	LOW	QPSK	21.82	21.80	21.94	22.80
		MID	QPSK	21.82	21.93	21.87	22.80
		HIGH	QPSK	21.87	21.95	21.87	22.80
	75	LOW	QPSK	22.02	21.86	21.73	22.80
		LOW	Q16	22.49	22.17	22.60	22.80
		MID	Q16	22.62	22.47	22.46	22.80
15	1	MID	Q16	22.42	22.46	22.51	22.80
		HIGH	Q16	21.33	21.34	21.35	21.80
		LOW	Q16	21.31	21.42	21.58	21.80
	36	MID	Q16	21.44	21.40	21.50	21.80
		HIGH	Q16	21.45	21.36	21.34	21.80
		LOW	Q16	21.56	21.53	21.59	21.80
	75	LOW	64QAM	21.42	21.63	21.55	21.80
		MID	64QAM	21.35	21.36	21.64	21.80
		HIGH	64QAM	20.28	20.43	20.51	20.80
15	1	LOW	64QAM	20.61	20.32	20.46	20.80
		MID	64QAM	20.21	20.28	20.63	20.80
		HIGH	64QAM	20.22	20.35	20.36	20.80
	36	LOW	64QAM	23.23	23.14	23.23	23.80
		MID	QPSK	23.63	23.59	23.69	23.80
		HIGH	QPSK	23.13	23.11	23.24	23.80
	100	LOW	QPSK	21.86	21.80	21.88	22.80
		MID	QPSK	21.85	21.85	21.91	22.80
		HIGH	QPSK	21.91	21.88	21.94	22.80
20	1	LOW	QPSK	21.90	21.85	21.86	22.80
		MID	Q16	22.52	22.30	22.53	22.80
		HIGH	Q16	22.52	22.47	22.53	22.80
	50	LOW	Q16	22.41	22.35	22.62	22.80
		MID	Q16	21.33	21.33	21.40	21.80
		HIGH	Q16	21.38	21.37	21.53	21.80
	100	LOW	Q16	21.36	21.43	21.49	21.80
		MID	Q16	21.32	21.36	21.38	21.80
		HIGH	Q16	21.54	21.45	21.54	21.80
20	1	LOW	64QAM	21.56	21.52	21.44	21.80
		MID	64QAM	21.31	21.27	21.77	21.80
		HIGH	64QAM	20.31	20.38	20.37	20.80
	50	LOW	64QAM	20.52	20.43	20.38	20.80
		MID	64QAM	20.29	20.37	20.58	20.80
		HIGH	64QAM	20.21	20.40	20.51	20.80
	100	LOW	64QAM	20.21	20.40	20.51	20.80
		MID	64QAM	20.21	20.40	20.51	20.80
		HIGH	64QAM	20.21	20.40	20.51	20.80

LTE B38-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.22	21.32	21.27	21.80
		MID	QPSK	21.48	21.51	21.70	21.80
		HIGH	QPSK	21.22	21.26	21.44	21.80
	12	LOW	QPSK	20.97	21.00	21.02	21.80
		MID	QPSK	21.17	21.10	20.97	21.80
		HIGH	QPSK	20.94	21.09	21.08	21.80
	25	LOW	QPSK	21.03	20.97	21.10	21.80
		LOW	Q16	20.96	21.27	21.02	21.80
		MID	Q16	21.64	21.74	21.74	21.80
5	1	MID	Q16	21.14	21.39	21.21	21.80
		HIGH	Q16	21.59	21.60	21.44	21.80
	12	LOW	Q16	21.38	21.56	21.73	21.80
		MID	Q16	21.40	21.52	21.65	21.80
		HIGH	Q16	21.65	21.59	21.62	21.80
	25	LOW	Q16	21.65	21.59	21.62	21.80
		LOW	64QAM	21.24	21.39	21.03	21.80
		MID	64QAM	21.47	21.76	21.65	21.80
		HIGH	64QAM	21.27	21.37	20.99	21.80
5	1	LOW	64QAM	20.33	20.77	20.71	20.80
		MID	64QAM	20.47	20.48	20.71	20.80
		HIGH	64QAM	20.44	20.53	20.80	20.80
	12	LOW	64QAM	20.39	20.43	20.73	20.80
		LOW	64QAM	20.39	20.43	20.73	20.80
		MID	64QAM	20.39	20.43	20.73	20.80
	25	LOW	64QAM	20.39	20.43	20.73	20.80
		MID	64QAM	20.39	20.43	20.73	20.80
		HIGH	64QAM	20.39	20.43	20.73	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	21.38	21.53	21.34	21.80
		MID	QPSK	21.40	21.65	21.58	21.80
		HIGH	QPSK	21.29	21.34	21.20	21.80
	25	LOW	QPSK	21.03	20.84	21.11	21.80
		MID	QPSK	21.16	20.92	21.10	21.80
		HIGH	QPSK	20.98	20.90	21.00	21.80
	50	LOW	QPSK	20.96	20.96	21.06	21.80
		LOW	Q16	21.17	21.20	21.02	21.80
		MID	Q16	21.62	21.71	21.54	21.80
10	1	HIGH	Q16	21.02	21.46	21.34	21.80
		LOW	Q16	21.53	21.39	21.60	21.80
	25	MID	Q16	21.42	21.47	21.56	21.80
		HIGH	Q16	21.55	21.55	21.53	21.80
	50	LOW	Q16	21.51	21.54	21.38	21.80
		LOW	64QAM	21.16	21.32	20.99	21.80
		MID	64QAM	21.35	21.74	21.56	21.80
	1	HIGH	64QAM	21.20	21.39	21.09	21.80
		LOW	64QAM	20.38	20.69	20.48	20.80
10	25	MID	64QAM	20.70	20.29	20.60	20.80
		HIGH	64QAM	20.52	20.60	20.64	20.80
	50	LOW	64QAM	20.61	20.69	20.55	20.80

LTE B38-Level3&4&5&6 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.43	21.39	21.36	21.80
		MID	QPSK	21.54	21.64	21.63	21.80
		HIGH	QPSK	21.11	21.27	21.45	21.80
	36	LOW	QPSK	20.92	21.06	21.01	21.80
		MID	QPSK	20.89	21.01	20.99	21.80
		HIGH	QPSK	20.96	20.92	21.09	21.80
	75	LOW	QPSK	21.04	21.05	21.08	21.80
		LOW	Q16	21.17	21.41	21.24	21.80
		MID	Q16	21.50	21.67	21.69	21.80
15	1	MID	Q16	21.50	21.67	21.69	21.80
		HIGH	Q16	20.97	21.24	21.25	21.80
		LOW	Q16	21.56	21.39	21.51	21.80
	36	MID	Q16	21.65	21.41	21.67	21.80
		HIGH	Q16	21.40	21.55	21.60	21.80
		LOW	Q16	21.48	21.67	21.46	21.80
	75	LOW	64QAM	21.03	21.17	21.27	21.80
		MID	64QAM	21.44	21.59	21.65	21.80
		HIGH	64QAM	21.15	21.47	21.27	21.80
15	1	LOW	64QAM	20.45	20.55	20.59	20.80
		MID	64QAM	20.48	20.55	20.76	20.80
		HIGH	64QAM	20.53	20.47	20.40	20.80
	36	LOW	64QAM	20.46	20.57	20.77	20.80
		LOW	64QAM	20.46	20.57	20.77	20.80
		MID	64QAM	21.59	21.79	21.57	21.80
	75	LOW	64QAM	20.96	21.31	21.12	21.80
		MID	64QAM	21.59	21.79	21.57	21.80
		HIGH	64QAM	21.17	21.42	21.31	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.33	21.40	21.25	21.80
		MID	QPSK	21.52	21.53	21.55	21.80
		HIGH	QPSK	21.19	21.36	21.30	21.80
	50	LOW	QPSK	20.96	20.98	20.98	21.80
		MID	QPSK	21.02	21.04	21.05	21.80
		HIGH	QPSK	21.01	21.04	21.05	21.80
	100	LOW	QPSK	21.01	20.99	21.01	21.80
		LOW	Q16	21.10	21.32	21.15	21.80
		MID	Q16	21.56	21.76	21.64	21.80
20	1	HIGH	Q16	21.07	21.33	21.21	21.80
		LOW	Q16	21.50	21.49	21.50	21.80
		MID	Q16	21.53	21.46	21.58	21.80
	50	HIGH	Q16	21.55	21.57	21.57	21.80
		LOW	Q16	21.51	21.53	21.53	21.80
		MID	Q16	21.51	21.53	21.53	21.80
	100	LOW	64QAM	20.96	21.31	21.12	21.80
		MID	64QAM	21.59	21.79	21.57	21.80
		HIGH	64QAM	21.17	21.42	21.31	21.80
20	1	LOW	64QAM	20.54	20.61	20.58	20.80
		MID	64QAM	20.55	20.54	20.73	20.80
		HIGH	64QAM	20.68	20.48	20.54	20.80
	50	LOW	64QAM	20.54	20.63	20.64	20.80
		MID	64QAM	20.54	20.63	20.64	20.80
		HIGH	64QAM	20.54	20.63	20.64	20.80
	100	LOW	64QAM	20.54	20.63	20.64	20.80
		MID	64QAM	20.54	20.63	20.64	20.80
		HIGH	64QAM	20.54	20.63	20.64	20.80

8.3.4 LTE Band41 Output Power

BL-SZ2230843-701

LTE B41-Full Power -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.21	23.00	23.21	23.36	23.12	23.70
		MID	QPSK	23.56	23.41	23.39	23.68	23.41	23.70
		HIGH	QPSK	23.31	23.29	23.10	23.32	23.27	23.70
	12	LOW	QPSK	21.57	21.70	21.94	21.84	21.81	22.70
		MID	QPSK	21.67	21.73	21.99	21.73	21.82	22.70
		HIGH	QPSK	21.86	21.93	21.96	21.80	21.86	22.70
	25	LOW	QPSK	21.65	21.91	21.80	21.74	21.74	22.70
		LOW	Q16	22.43	22.35	22.24	22.46	22.49	22.70
		MID	Q16	22.47	22.48	22.61	22.57	22.65	22.70
5	1	HIGH	Q16	22.43	22.49	22.40	22.61	22.48	22.70
		LOW	Q16	21.22	20.98	21.32	21.27	21.19	21.70
		MID	Q16	21.15	21.16	21.20	21.37	21.33	21.70
	12	HIGH	Q16	21.44	21.44	21.41	21.20	21.20	21.70
		LOW	Q16	21.22	21.07	21.23	21.31	21.25	21.70
		MID	Q16	21.22	21.07	21.23	21.31	21.25	21.70
	25	LOW	Q16	21.22	21.07	21.23	21.31	21.25	21.70
		MID	Q16	21.22	21.07	21.23	21.31	21.25	21.70
		HIGH	Q16	21.22	21.07	21.23	21.31	21.25	21.70
5	1	LOW	64QAM	21.46	21.47	21.24	21.52	21.63	21.70
		MID	64QAM	21.52	21.60	21.51	21.41	21.49	21.70
		HIGH	64QAM	21.33	21.47	21.46	21.57	21.32	21.70
	12	LOW	64QAM	20.09	20.16	20.44	20.30	20.58	20.70
		MID	64QAM	20.24	20.36	20.41	20.48	20.21	20.70
		HIGH	64QAM	20.37	20.33	20.45	20.35	20.14	20.70
	25	LOW	64QAM	20.33	20.09	20.21	20.29	20.27	20.70
		MID	64QAM	20.33	20.09	20.21	20.29	20.27	20.70
		HIGH	64QAM	20.33	20.09	20.21	20.29	20.27	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.17	23.26	23.07	23.52	23.16	23.70
		MID	QPSK	23.46	23.35	23.68	23.57	23.57	23.70
		HIGH	QPSK	23.27	23.17	23.26	23.36	23.20	23.70
	25	LOW	QPSK	21.62	21.70	21.92	21.95	21.94	22.70
		MID	QPSK	21.57	21.79	21.77	21.89	21.88	22.70
		HIGH	QPSK	21.82	21.83	21.79	21.69	21.84	22.70
	50	LOW	QPSK	21.76	21.81	21.96	21.61	21.68	22.70
		MID	QPSK	21.76	21.81	21.96	21.61	21.68	22.70
		HIGH	QPSK	21.76	21.81	21.96	21.61	21.68	22.70
10	1	LOW	Q16	22.43	22.46	22.36	22.41	22.62	22.70
		MID	Q16	22.35	22.30	22.46	22.42	22.45	22.70
		HIGH	Q16	22.66	22.53	22.46	22.53	22.55	22.70
	25	LOW	Q16	21.09	21.02	21.47	21.29	21.24	21.70
		MID	Q16	21.20	21.09	21.23	21.30	21.39	21.70
		HIGH	Q16	21.23	21.31	21.23	21.41	21.10	21.70
	50	LOW	Q16	21.23	21.18	21.32	21.50	21.30	21.70
		MID	Q16	21.23	21.18	21.32	21.50	21.30	21.70
		HIGH	Q16	21.23	21.18	21.32	21.50	21.30	21.70
10	1	LOW	64QAM	21.44	21.45	21.23	21.60	21.64	21.70
		MID	64QAM	21.44	21.68	21.62	21.49	21.68	21.70
		HIGH	64QAM	21.34	21.32	21.33	21.56	21.40	21.70
	25	LOW	64QAM	20.25	20.23	20.66	20.36	20.60	20.70
		MID	64QAM	20.21	20.40	20.47	20.40	20.42	20.70
		HIGH	64QAM	20.52	20.28	20.34	20.31	20.25	20.70
	50	LOW	64QAM	20.15	20.27	20.28	20.16	20.20	20.70
		MID	64QAM	20.15	20.27	20.28	20.16	20.20	20.70
		HIGH	64QAM	20.15	20.27	20.28	20.16	20.20	20.70

LTE B41-Full Power -Ant.1											
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)		
15	1	LOW	QPSK	23.29	23.22	23.07	23.27	23.10	23.70		
		MID	QPSK	23.64	23.38	23.68	23.61	23.38	23.70		
		HIGH	QPSK	23.15	23.12	23.38	23.44	23.11	23.70		
	36	LOW	QPSK	21.61	21.62	21.70	21.76	21.66	22.70		
		MID	QPSK	21.85	21.60	21.94	22.00	21.77	22.70		
		HIGH	QPSK	21.70	21.95	21.85	21.69	21.80	22.70		
	75	LOW	QPSK	21.72	21.74	21.68	21.93	21.84	22.70		
		15	1	LOW	Q16	22.61	22.35	22.48	22.46	22.50	22.70
				MID	Q16	22.39	22.47	22.48	22.53	22.67	22.70
HIGH	Q16			22.42	22.42	22.46	22.58	22.38	22.70		
36	LOW		Q16	21.20	21.13	21.39	21.40	21.28	21.70		
	MID		Q16	21.30	21.23	21.34	21.51	21.37	21.70		
	HIGH		Q16	21.35	21.37	21.20	21.35	21.13	21.70		
75	LOW		Q16	21.21	21.08	21.47	21.37	21.42	21.70		
	15		1	LOW	64QAM	21.37	21.48	21.31	21.52	21.46	21.70
				MID	64QAM	21.53	21.40	21.55	21.56	21.51	21.70
HIGH		64QAM		21.63	21.13	21.22	21.46	21.22	21.70		
36		LOW	64QAM	20.07	19.91	20.31	20.43	20.32	20.70		
		MID	64QAM	20.34	20.19	20.14	20.09	20.21	20.70		
		HIGH	64QAM	20.31	20.20	20.32	20.51	20.39	20.70		
75		LOW	64QAM	20.21	20.32	20.27	20.12	20.25	20.70		
		Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
		20	1	LOW	QPSK	23.20	23.14	23.19	23.39	23.24	23.70
MID	QPSK			23.65	23.49	23.53	23.60	23.51	23.70		
HIGH	QPSK			23.28	23.22	23.25	23.33	23.23	23.70		
50	LOW		QPSK	21.67	21.65	21.81	21.79	21.79	22.70		
	MID		QPSK	21.72	21.73	21.80	21.76	21.80	22.70		
	HIGH		QPSK	21.82	21.81	21.80	21.81	21.78	22.70		
20	100	LOW	QPSK	21.70	21.76	21.83	21.82	21.79	22.70		
		LOW	Q16	22.47	22.39	22.38	22.43	22.52	22.70		
		MID	Q16	22.44	22.33	22.32	22.58	22.39	22.70		
	50	HIGH	Q16	22.56	22.48	22.39	22.66	22.51	22.70		
		LOW	Q16	21.15	21.09	21.33	21.39	21.30	21.70		
		MID	Q16	21.26	21.22	21.34	21.36	21.28	21.70		
20	100	HIGH	Q16	21.36	21.31	21.34	21.35	21.25	21.70		
		LOW	Q16	21.22	21.22	21.34	21.35	21.28	21.70		
		LOW	64QAM	21.35	21.34	21.25	21.66	21.48	21.70		
	1	MID	64QAM	21.49	21.55	21.64	21.54	21.51	21.70		
		HIGH	64QAM	21.57	21.20	21.19	21.54	21.37	21.70		
		LOW	64QAM	20.14	19.93	20.32	20.28	20.25	20.70		
20	50	MID	64QAM	20.28	20.25	20.16	20.21	20.16	20.70		
		HIGH	64QAM	20.40	20.29	20.37	20.45	20.33	20.70		
		LOW	64QAM	20.30	20.17	20.20	20.27	20.17	20.70		

LTE B41-Level1&2 -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	11.42	11.46	11.33	11.41	11.38	11.70
		MID	QPSK	11.40	11.43	11.39	11.53	11.40	11.70
		HIGH	QPSK	11.45	11.35	11.24	11.28	11.24	11.70
	12	LOW	QPSK	11.42	11.58	11.58	11.52	11.43	11.70
		MID	QPSK	11.64	11.54	11.60	11.38	11.43	11.70
		HIGH	QPSK	11.48	11.57	11.51	11.58	11.36	11.70
5	1	LOW	QPSK	11.48	11.52	11.41	11.38	11.31	11.70
		LOW	Q16	11.41	11.22	11.14	11.50	11.49	11.70
		MID	Q16	11.46	11.23	11.49	11.46	11.64	11.70
	12	HIGH	Q16	11.54	11.45	11.18	11.44	11.15	11.70
		LOW	Q16	11.27	11.18	11.19	11.40	11.32	11.70
		MID	Q16	11.41	11.13	11.37	11.29	11.11	11.70
5	1	HIGH	Q16	11.58	11.21	11.29	11.34	11.20	11.70
		LOW	Q16	11.28	11.17	11.15	11.17	11.27	11.70
		LOW	Q16	11.28	11.17	11.15	11.17	11.27	11.70
	12	LOW	64QAM	11.24	11.39	11.30	11.65	11.26	11.70
		MID	64QAM	11.46	11.27	11.18	11.48	11.44	11.70
		HIGH	64QAM	11.27	11.16	11.17	11.30	11.02	11.70
5	1	LOW	64QAM	10.99	10.93	11.20	11.02	11.05	11.70
		MID	64QAM	11.27	11.34	10.90	11.26	11.03	11.70
		HIGH	64QAM	11.28	11.38	11.41	11.11	11.28	11.70
	12	LOW	64QAM	11.28	11.17	11.15	11.17	11.27	11.70
		LOW	64QAM	11.41	11.28	11.36	11.27	11.03	11.70
		LOW	64QAM	11.41	11.28	11.36	11.27	11.03	11.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	11.37	11.37	11.47	11.38	11.19	11.70
		MID	QPSK	11.41	11.60	11.48	11.51	11.42	11.70
		HIGH	QPSK	11.48	11.53	11.42	11.47	11.43	11.70
	25	LOW	QPSK	11.35	11.29	11.50	11.40	11.50	11.70
		MID	QPSK	11.48	11.51	11.49	11.46	11.55	11.70
		HIGH	QPSK	11.48	11.39	11.59	11.46	11.32	11.70
10	1	LOW	QPSK	11.53	11.53	11.44	11.56	11.38	11.70
		LOW	Q16	11.58	11.22	11.29	11.67	11.26	11.70
		MID	Q16	11.67	11.31	11.38	11.48	11.53	11.70
	25	HIGH	Q16	11.42	11.33	11.24	11.34	11.12	11.70
		LOW	Q16	11.39	11.04	11.27	11.12	11.18	11.70
		MID	Q16	11.18	11.15	11.33	11.35	11.24	11.70
10	1	HIGH	Q16	11.32	11.30	11.16	11.14	11.07	11.70
		LOW	Q16	11.17	11.26	11.28	11.08	11.05	11.70
		LOW	64QAM	11.46	11.28	11.31	11.44	11.49	11.70
	25	MID	64QAM	11.55	11.55	11.32	11.42	11.48	11.70
		LOW	64QAM	11.31	11.24	10.97	11.30	11.01	11.70
		HIGH	64QAM	11.27	10.98	11.09	11.12	11.23	11.70
10	1	LOW	64QAM	11.51	11.21	10.91	11.37	10.95	11.70
		MID	64QAM	11.51	11.21	10.91	11.37	10.95	11.70
		HIGH	64QAM	11.38	11.41	11.18	11.10	11.07	11.70
	25	LOW	64QAM	11.38	11.41	11.18	11.10	11.07	11.70
		LOW	64QAM	11.44	11.50	11.32	11.22	11.27	11.70
		LOW	64QAM	11.44	11.50	11.32	11.22	11.27	11.70

LTE B41-Level1&2 -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	11.48	11.30	11.19	11.47	11.19	11.70
		MID	QPSK	11.48	11.36	11.61	11.51	11.51	11.70
		HIGH	QPSK	11.36	11.44	11.39	11.48	11.18	11.70
	36	LOW	QPSK	11.40	11.39	11.58	11.50	11.39	11.70
		MID	QPSK	11.38	11.50	11.45	11.47	11.54	11.70
		HIGH	QPSK	11.50	11.53	11.42	11.52	11.55	11.70
	75	LOW	QPSK	11.45	11.60	11.55	11.38	11.61	11.70
15	1	LOW	Q16	11.53	11.25	11.16	11.51	11.41	11.70
		MID	Q16	11.49	11.42	11.36	11.51	11.64	11.70
		HIGH	Q16	11.39	11.55	11.21	11.50	11.29	11.70
	36	LOW	Q16	11.31	11.05	11.38	11.34	11.26	11.70
		MID	Q16	11.19	11.14	11.40	11.21	11.05	11.70
		HIGH	Q16	11.50	11.35	11.42	11.11	11.31	11.70
	75	LOW	Q16	11.16	11.23	11.16	11.12	11.10	11.70
15	1	LOW	64QAM	11.32	11.30	11.16	11.47	11.26	11.70
		MID	64QAM	11.39	11.38	11.32	11.54	11.46	11.70
		HIGH	64QAM	11.29	11.19	11.20	11.20	11.12	11.70
	36	LOW	64QAM	11.09	10.95	11.07	11.01	11.09	11.70
		MID	64QAM	11.34	11.33	10.96	11.47	11.13	11.70
		HIGH	64QAM	11.15	11.35	11.35	11.30	11.28	11.70
	75	LOW	64QAM	11.33	11.27	11.48	11.29	11.08	11.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	11.46	11.33	11.33	11.50	11.34	11.70
		MID	QPSK	11.54	11.50	11.47	11.51	11.41	11.70
		HIGH	QPSK	11.51	11.42	11.32	11.40	11.29	11.70
	50	LOW	QPSK	11.46	11.44	11.56	11.51	11.47	11.70
		MID	QPSK	11.52	11.53	11.54	11.50	11.45	11.70
		HIGH	QPSK	11.62	11.60	11.57	11.53	11.46	11.70
20	1	LOW	QPSK	11.55	11.55	11.54	11.52	11.46	11.70
		LOW	Q16	11.48	11.36	11.28	11.52	11.36	11.70
		MID	Q16	11.52	11.31	11.50	11.51	11.60	11.70
	50	HIGH	Q16	11.53	11.43	11.28	11.41	11.27	11.70
		LOW	Q16	11.26	11.18	11.26	11.25	11.18	11.70
		MID	Q16	11.26	11.24	11.25	11.22	11.16	11.70
20	1	HIGH	Q16	11.43	11.34	11.29	11.21	11.17	11.70
		LOW	Q16	11.29	11.26	11.29	11.23	11.17	11.70
		LOW	64QAM	11.38	11.33	11.31	11.57	11.38	11.70
	50	MID	64QAM	11.51	11.42	11.29	11.52	11.56	11.70
		LOW	64QAM	11.40	11.21	11.09	11.27	11.12	11.70
		LOW	64QAM	11.14	11.01	11.19	11.11	11.09	11.70
20	50	MID	64QAM	11.38	11.24	11.02	11.36	11.02	11.70
		HIGH	64QAM	11.29	11.41	11.31	11.18	11.21	11.70
	100	LOW	64QAM	11.32	11.35	11.41	11.28	11.14	11.70

LTE B41-Level3&4&5&6 -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.19	21.01	21.14	21.40	21.21	21.70
		MID	QPSK	21.52	21.47	21.35	21.49	21.48	21.70
		HIGH	QPSK	21.40	21.12	21.47	21.27	21.24	21.70
	12	LOW	QPSK	20.59	20.88	20.83	20.76	20.60	21.70
		MID	QPSK	20.62	20.71	20.81	20.85	20.87	21.70
		HIGH	QPSK	20.79	20.88	20.86	20.86	20.76	21.70
5	1	LOW	QPSK	20.69	20.80	20.74	20.89	20.73	21.70
	12	LOW	Q16	21.41	21.38	21.33	21.66	21.61	21.70
		MID	Q16	21.54	21.40	21.52	21.46	21.53	21.70
		HIGH	Q16	21.55	21.39	21.46	21.30	21.62	21.70
	25	LOW	Q16	21.42	21.25	21.45	21.46	21.23	21.70
		MID	Q16	21.42	21.02	21.27	21.40	21.24	21.70
5	1	LOW	Q16	21.34	21.40	21.31	21.28	21.07	21.70
		MID	Q16	21.16	21.39	21.39	21.46	21.06	21.70
		HIGH	Q16	21.16	21.39	21.39	21.46	21.06	21.70
	12	LOW	64QAM	21.26	21.39	21.45	21.67	21.33	21.70
		MID	64QAM	21.46	21.48	21.58	21.36	21.48	21.70
		HIGH	64QAM	21.57	21.17	21.27	21.61	21.61	21.70
5	1	LOW	64QAM	20.15	19.72	20.57	20.27	20.08	20.70
		MID	64QAM	20.43	20.30	20.00	20.17	20.19	20.70
		HIGH	64QAM	20.46	20.35	20.48	20.23	20.28	20.70
	25	LOW	64QAM	20.27	20.10	20.15	20.43	20.26	20.70
		MID	64QAM	20.27	20.10	20.15	20.43	20.26	20.70
		HIGH	64QAM	20.27	20.10	20.15	20.43	20.26	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.99	20.95	21.14	21.37	21.17	21.70
		MID	QPSK	21.59	21.53	21.42	21.54	21.62	21.70
		HIGH	QPSK	21.21	21.37	21.33	21.43	21.27	21.70
	25	LOW	QPSK	20.69	20.78	20.77	20.74	20.69	21.70
		MID	QPSK	20.74	20.74	20.89	21.05	20.82	21.70
		HIGH	QPSK	20.93	21.02	20.80	20.80	20.80	21.70
10	1	LOW	QPSK	20.69	20.90	20.77	20.84	20.96	21.70
		MID	Q16	21.49	21.43	21.41	21.57	21.68	21.70
		HIGH	Q16	21.34	21.45	21.26	21.61	21.48	21.70
	25	LOW	Q16	21.57	21.68	21.38	21.36	21.56	21.70
		MID	Q16	21.23	21.15	21.34	21.56	21.18	21.70
		HIGH	Q16	21.44	21.21	21.30	21.19	21.30	21.70
10	1	LOW	Q16	21.58	21.49	21.36	21.33	21.25	21.70
		MID	Q16	21.09	21.28	21.40	21.41	21.22	21.70
		HIGH	Q16	21.30	21.39	21.42	21.57	21.52	21.70
	25	LOW	64QAM	21.31	21.57	21.49	21.51	21.47	21.70
		MID	64QAM	21.59	21.37	21.23	21.55	21.36	21.70
		HIGH	64QAM	20.14	19.86	20.40	20.16	20.23	20.70
10	1	LOW	64QAM	20.35	20.30	20.01	20.31	20.37	20.70
		MID	64QAM	20.58	20.40	20.55	20.35	20.36	20.70
		HIGH	64QAM	20.58	20.40	20.55	20.35	20.36	20.70
	25	LOW	64QAM	20.19	20.23	20.22	20.40	20.07	20.70
		MID	64QAM	20.19	20.23	20.22	20.40	20.07	20.70
		HIGH	64QAM	20.19	20.23	20.22	20.40	20.07	20.70

LTE B41-Level3&4&5&6 -Ant.1									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.21	21.19	21.06	21.38	21.11	21.70
		MID	QPSK	21.54	21.53	21.47	21.50	21.47	21.70
		HIGH	QPSK	21.26	21.23	21.30	21.31	21.34	21.70
	36	LOW	QPSK	20.66	20.74	20.70	20.99	20.70	21.70
		MID	QPSK	20.65	20.93	20.76	20.87	20.68	21.70
		HIGH	QPSK	20.92	20.89	20.77	20.69	20.63	21.70
	75	LOW	QPSK	20.64	20.69	20.59	20.94	20.94	21.70
		LOW	Q16	21.43	21.63	21.41	21.64	21.54	21.70
		MID	Q16	21.38	21.46	21.49	21.43	21.40	21.70
15	1	HIGH	Q16	21.54	21.57	21.29	21.41	21.65	21.70
		LOW	Q16	21.28	21.08	21.42	21.38	21.27	21.70
		MID	Q16	21.39	21.04	21.16	21.30	21.08	21.70
	36	HIGH	Q16	21.38	21.46	21.45	21.30	21.21	21.70
		LOW	Q16	21.16	21.34	21.29	21.58	21.28	21.70
		MID	Q16	21.16	21.34	21.29	21.58	21.28	21.70
	75	LOW	64QAM	21.47	21.21	21.26	21.57	21.54	21.70
		MID	64QAM	21.41	21.35	21.65	21.56	21.56	21.70
		HIGH	64QAM	21.57	21.22	21.00	21.61	21.57	21.70
15	1	LOW	64QAM	20.20	19.87	20.30	20.23	20.14	20.70
		MID	64QAM	20.30	20.41	19.99	20.26	20.31	20.70
		HIGH	64QAM	20.50	20.31	20.30	20.38	20.33	20.70
	36	LOW	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
		MID	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
		HIGH	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
	75	LOW	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
		MID	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
		HIGH	64QAM	20.33	20.03	20.31	20.38	20.08	20.70
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.12	21.10	21.15	21.15	21.20	21.70
		MID	QPSK	21.35	21.26	21.33	21.32	21.26	21.70
		HIGH	QPSK	21.27	21.23	21.30	21.34	21.30	21.70
	50	LOW	QPSK	20.63	20.74	20.83	20.89	20.68	21.70
		MID	QPSK	20.61	20.84	20.86	20.97	20.80	21.70
		HIGH	QPSK	20.98	20.87	20.92	20.84	20.77	21.70
	100	LOW	QPSK	20.70	20.76	20.73	20.90	20.83	21.70
		LOW	Q16	21.43	21.50	21.38	21.51	21.56	21.70
		HIGH	Q16	21.47	21.36	21.40	21.53	21.47	21.70
20	1	MID	Q16	21.67	21.54	21.31	21.42	21.62	21.70
		HIGH	Q16	21.27	21.10	21.33	21.41	21.28	21.70
		LOW	Q16	21.27	21.10	21.33	21.41	21.28	21.70
	50	MID	Q16	21.29	21.12	21.26	21.27	21.23	21.70
		HIGH	Q16	21.43	21.39	21.30	21.27	21.20	21.70
		LOW	Q16	21.14	21.34	21.27	21.46	21.21	21.70
	100	LOW	64QAM	21.33	21.27	21.36	21.68	21.40	21.70
		MID	64QAM	21.46	21.46	21.59	21.44	21.57	21.70
		HIGH	64QAM	21.52	21.28	21.15	21.60	21.47	21.70
20	1	LOW	64QAM	20.05	19.82	20.43	20.20	20.15	20.70
		MID	64QAM	20.35	20.37	20.12	20.20	20.25	20.70
		HIGH	64QAM	20.50	20.36	20.44	20.37	20.32	20.70
	50	LOW	64QAM	20.21	20.10	20.25	20.28	20.11	20.70
		MID	64QAM	20.21	20.10	20.25	20.28	20.11	20.70
		HIGH	64QAM	20.21	20.10	20.25	20.28	20.11	20.70
	100	LOW	64QAM	20.21	20.10	20.25	20.28	20.11	20.70
		MID	64QAM	20.21	20.10	20.25	20.28	20.11	20.70
		HIGH	64QAM	20.21	20.10	20.25	20.28	20.11	20.70

LTE B41-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.53	23.46	23.27	23.25	23.08	23.80
		MID	QPSK	23.68	23.63	23.57	23.67	23.54	23.80
		HIGH	QPSK	23.36	23.45	23.13	23.16	23.14	23.80
	12	LOW	QPSK	22.02	22.01	21.97	21.77	21.65	22.80
		MID	QPSK	21.92	21.80	22.00	21.95	21.80	22.80
		HIGH	QPSK	22.12	21.91	21.93	21.74	21.67	22.80
5	1	LOW	QPSK	22.09	21.87	21.74	21.70	21.86	22.80
		LOW	Q16	21.49	21.78	21.34	21.32	21.42	22.80
		MID	Q16	22.29	22.17	22.10	22.47	22.25	22.80
	12	HIGH	Q16	22.78	22.62	22.46	22.47	22.25	22.80
		LOW	Q16	21.49	21.45	21.25	21.43	21.19	21.80
		MID	Q16	21.37	21.35	21.20	21.28	21.37	21.80
5	1	HIGH	Q16	21.52	21.49	21.25	21.30	21.13	21.80
		LOW	Q16	21.39	21.38	21.34	21.29	21.22	21.80
	12	LOW	64QAM	20.84	20.64	20.60	20.52	20.43	21.80
		MID	64QAM	21.34	21.43	21.11	21.25	21.21	21.80
		HIGH	64QAM	21.46	21.51	21.45	21.66	21.51	21.80
	25	LOW	64QAM	20.40	20.39	20.35	20.40	20.41	20.80
5	1	MID	64QAM	20.34	20.35	20.34	20.34	20.13	20.80
		HIGH	64QAM	20.51	20.62	20.49	20.54	20.30	20.80
		LOW	64QAM	20.42	20.41	20.26	20.09	20.29	20.80
	12	LOW	64QAM	20.84	20.64	20.60	20.52	20.43	21.80
		MID	64QAM	21.34	21.43	21.11	21.25	21.21	21.80
		HIGH	64QAM	21.46	21.51	21.45	21.66	21.51	21.80
5	1	LOW	64QAM	20.40	20.39	20.35	20.40	20.41	20.80
		MID	64QAM	20.34	20.35	20.34	20.34	20.13	20.80
		HIGH	64QAM	20.51	20.62	20.49	20.54	20.30	20.80
	25	LOW	64QAM	20.42	20.41	20.26	20.09	20.29	20.80
		MID	64QAM	21.34	21.43	21.11	21.25	21.21	21.80
		HIGH	64QAM	21.46	21.51	21.45	21.66	21.51	21.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.53	23.33	23.16	23.29	23.21	23.80
		MID	QPSK	23.64	23.61	23.60	23.52	23.61	23.80
		HIGH	QPSK	23.31	23.41	23.06	23.20	23.07	23.80
	25	LOW	QPSK	21.90	22.01	21.68	21.76	21.79	22.80
		MID	QPSK	21.87	21.78	21.90	21.91	21.73	22.80
		HIGH	QPSK	21.98	22.10	21.83	21.81	21.69	22.80
10	1	LOW	QPSK	22.05	21.96	21.88	21.78	21.62	22.80
		LOW	Q16	21.59	21.75	21.33	21.35	21.32	22.80
		MID	Q16	22.27	22.28	22.04	22.32	21.99	22.80
	25	HIGH	Q16	22.57	22.68	22.46	22.49	22.48	22.80
		LOW	Q16	21.28	21.17	21.36	21.42	21.41	21.80
		MID	Q16	21.58	21.37	21.38	21.31	21.08	21.80
10	1	HIGH	Q16	21.37	21.40	21.34	21.43	21.38	21.80
		LOW	Q16	21.37	21.38	21.26	21.47	21.16	21.80
	25	LOW	64QAM	20.79	20.51	20.41	20.41	20.40	21.80
		MID	64QAM	21.32	21.41	21.14	21.32	21.40	21.80
		HIGH	64QAM	21.55	21.45	21.39	21.50	21.31	21.80
	50	LOW	64QAM	20.51	20.25	20.45	20.35	20.33	20.80
10	1	MID	64QAM	20.21	20.17	20.25	20.17	20.32	20.80
		HIGH	64QAM	20.50	20.65	20.50	20.28	20.21	20.80
		LOW	64QAM	20.40	20.25	20.30	20.14	20.06	20.80
	25	LOW	64QAM	20.79	20.51	20.41	20.41	20.40	21.80
		MID	64QAM	21.32	21.41	21.14	21.32	21.40	21.80
		HIGH	64QAM	21.55	21.45	21.39	21.50	21.31	21.80
10	1	LOW	64QAM	20.51	20.25	20.45	20.35	20.33	20.80
		MID	64QAM	20.21	20.17	20.25	20.17	20.32	20.80
		HIGH	64QAM	20.50	20.65	20.50	20.28	20.21	20.80
	50	LOW	64QAM	20.40	20.25	20.30	20.14	20.06	20.80
		LOW	64QAM	20.79	20.51	20.41	20.41	20.40	21.80
		MID	64QAM	21.32	21.41	21.14	21.32	21.40	21.80

LTE B41-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.37	23.48	23.23	23.46	23.19	23.80
		MID	QPSK	23.78	23.60	23.47	23.75	23.32	23.80
		HIGH	QPSK	23.34	23.40	23.32	23.22	23.10	23.80
	36	LOW	QPSK	21.99	21.81	21.72	21.97	21.91	22.80
		MID	QPSK	22.06	21.84	21.71	21.88	21.64	22.80
		HIGH	QPSK	21.87	22.10	21.86	21.87	21.72	22.80
	75	LOW	QPSK	21.91	21.89	21.68	21.82	21.83	22.80
15	1	LOW	Q16	21.57	21.79	21.57	21.53	21.35	22.80
		MID	Q16	22.31	22.12	22.11	22.20	21.98	22.80
		HIGH	Q16	22.72	22.46	22.35	22.72	22.50	22.80
	36	LOW	Q16	21.48	21.24	21.24	21.29	21.40	21.80
		MID	Q16	21.46	21.53	21.44	21.20	21.09	21.80
		HIGH	Q16	21.40	21.57	21.32	21.25	21.13	21.80
	75	LOW	Q16	21.55	21.36	21.18	21.27	21.25	21.80
15	1	LOW	64QAM	20.81	20.69	20.74	20.54	20.40	21.80
		MID	64QAM	21.12	21.08	20.83	21.39	20.96	21.80
		HIGH	64QAM	21.66	21.75	21.66	21.61	21.57	21.80
	36	LOW	64QAM	20.57	20.41	20.48	20.49	20.31	20.80
		MID	64QAM	20.51	20.29	20.49	20.40	19.95	20.80
		HIGH	64QAM	20.59	20.36	20.29	20.13	20.06	20.80
	75	LOW	64QAM	20.48	20.26	20.35	20.42	20.15	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.44	23.36	23.21	23.35	23.15	23.80
		MID	QPSK	23.76	23.68	23.53	23.61	23.46	23.80
		HIGH	QPSK	23.44	23.38	23.21	23.27	23.15	23.80
	50	LOW	QPSK	21.88	21.87	21.83	21.85	21.77	22.80
		MID	QPSK	21.92	21.92	21.86	21.83	21.75	22.80
		HIGH	QPSK	22.02	21.99	21.81	21.78	21.72	22.80
20	100	LOW	QPSK	21.96	21.99	21.83	21.80	21.77	22.80
		LOW	Q16	21.61	21.64	21.48	21.45	21.42	22.80
		MID	Q16	22.38	22.25	22.06	22.33	22.13	22.80
	50	HIGH	Q16	22.70	22.57	22.37	22.60	22.39	22.80
		LOW	Q16	21.42	21.31	21.33	21.39	21.26	21.80
		MID	Q16	21.44	21.40	21.34	21.33	21.22	21.80
20	100	HIGH	Q16	21.52	21.43	21.34	21.30	21.25	21.80
		LOW	Q16	21.44	21.42	21.32	21.32	21.25	21.80
		LOW	64QAM	20.76	20.83	20.63	20.41	20.52	21.80
	1	MID	64QAM	21.26	21.11	20.85	21.44	21.04	21.80
		HIGH	64QAM	21.55	21.76	21.58	21.49	21.49	21.80
		LOW	64QAM	20.45	20.46	20.44	20.36	20.39	20.80
20	50	MID	64QAM	20.44	20.17	20.35	20.45	20.10	20.80
		HIGH	64QAM	20.54	20.24	20.14	20.18	20.10	20.80
		LOW	64QAM	20.57	20.34	20.27	20.29	20.20	20.80
	100	LOW	64QAM	20.57	20.34	20.27	20.29	20.20	20.80

LTE B41-Level1&2 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.53	23.46	23.27	23.25	23.08	23.80
		MID	QPSK	23.68	23.63	23.57	23.67	23.54	23.80
		HIGH	QPSK	23.36	23.45	23.13	23.16	23.14	23.80
	12	LOW	QPSK	22.02	22.01	21.97	21.77	21.65	22.80
		MID	QPSK	21.92	21.80	22.00	21.95	21.80	22.80
		HIGH	QPSK	22.12	21.91	21.93	21.74	21.67	22.80
	25	LOW	QPSK	22.09	21.87	21.74	21.70	21.86	22.80
5	1	LOW	Q16	21.49	21.78	21.34	21.32	21.42	22.80
		MID	Q16	22.29	22.17	22.10	22.47	22.25	22.80
		HIGH	Q16	22.78	22.62	22.46	22.47	22.25	22.80
	12	LOW	Q16	21.49	21.45	21.25	21.43	21.19	21.80
		MID	Q16	21.37	21.35	21.20	21.28	21.37	21.80
		HIGH	Q16	21.52	21.49	21.25	21.30	21.13	21.80
	25	LOW	Q16	21.39	21.38	21.34	21.29	21.22	21.80
5	1	LOW	64QAM	20.84	20.64	20.60	20.52	20.43	21.80
		MID	64QAM	21.34	21.43	21.11	21.25	21.21	21.80
		HIGH	64QAM	21.46	21.51	21.45	21.66	21.51	21.80
	12	LOW	64QAM	20.40	20.39	20.35	20.40	20.41	20.80
		MID	64QAM	20.34	20.35	20.34	20.34	20.13	20.80
		HIGH	64QAM	20.51	20.62	20.49	20.54	20.30	20.80
	25	LOW	64QAM	20.42	20.41	20.26	20.09	20.29	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.53	23.33	23.16	23.29	23.21	23.80
		MID	QPSK	23.64	23.61	23.60	23.52	23.61	23.80
		HIGH	QPSK	23.31	23.41	23.06	23.20	23.07	23.80
	25	LOW	QPSK	21.90	22.01	21.68	21.76	21.79	22.80
		MID	QPSK	21.87	21.78	21.90	21.91	21.73	22.80
		HIGH	QPSK	21.98	22.10	21.83	21.81	21.69	22.80
	50	LOW	QPSK	22.05	21.96	21.88	21.78	21.62	22.80
10	1	LOW	Q16	21.59	21.75	21.33	21.35	21.32	22.80
		MID	Q16	22.27	22.28	22.04	22.32	21.99	22.80
		HIGH	Q16	22.57	22.68	22.46	22.49	22.48	22.80
	25	LOW	Q16	21.28	21.17	21.36	21.42	21.41	21.80
		MID	Q16	21.58	21.37	21.38	21.31	21.08	21.80
		HIGH	Q16	21.37	21.40	21.34	21.43	21.38	21.80
	50	LOW	Q16	21.37	21.38	21.26	21.47	21.16	21.80
10	1	LOW	64QAM	20.79	20.51	20.41	20.41	20.40	21.80
		MID	64QAM	21.32	21.41	21.14	21.32	21.40	21.80
		HIGH	64QAM	21.55	21.45	21.39	21.50	21.31	21.80
	25	LOW	64QAM	20.51	20.25	20.45	20.35	20.33	20.80
		MID	64QAM	20.21	20.17	20.25	20.17	20.32	20.80
		HIGH	64QAM	20.50	20.65	20.50	20.28	20.21	20.80
	50	LOW	64QAM	20.40	20.25	20.30	20.14	20.06	20.80

LTE B41-Level1&2 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.37	23.48	23.23	23.46	23.19	23.80
		MID	QPSK	23.78	23.60	23.47	23.75	23.32	23.80
		HIGH	QPSK	23.34	23.40	23.32	23.22	23.10	23.80
	36	LOW	QPSK	21.99	21.81	21.72	21.97	21.91	22.80
		MID	QPSK	22.06	21.84	21.71	21.88	21.64	22.80
		HIGH	QPSK	21.87	22.10	21.86	21.87	21.72	22.80
	75	LOW	QPSK	21.91	21.89	21.68	21.82	21.83	22.80
15	1	LOW	Q16	21.57	21.79	21.57	21.53	21.35	22.80
		MID	Q16	22.31	22.12	22.11	22.20	21.98	22.80
		HIGH	Q16	22.72	22.46	22.35	22.72	22.50	22.80
	36	LOW	Q16	21.48	21.24	21.24	21.29	21.40	21.80
		MID	Q16	21.46	21.53	21.44	21.20	21.09	21.80
		HIGH	Q16	21.40	21.57	21.32	21.25	21.13	21.80
	75	LOW	Q16	21.55	21.36	21.18	21.27	21.25	21.80
15	1	LOW	64QAM	20.81	20.69	20.74	20.54	20.40	21.80
		MID	64QAM	21.12	21.08	20.83	21.39	20.96	21.80
		HIGH	64QAM	21.66	21.75	21.66	21.61	21.57	21.80
	36	LOW	64QAM	20.57	20.41	20.48	20.49	20.31	20.80
		MID	64QAM	20.51	20.29	20.49	20.40	19.95	20.80
		HIGH	64QAM	20.59	20.36	20.29	20.13	20.06	20.80
	75	LOW	64QAM	20.48	20.26	20.35	20.42	20.15	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.44	23.36	23.21	23.35	23.15	23.80
		MID	QPSK	23.76	23.68	23.53	23.61	23.46	23.80
		HIGH	QPSK	23.44	23.38	23.21	23.27	23.15	23.80
	50	LOW	QPSK	21.88	21.87	21.83	21.85	21.77	22.80
		MID	QPSK	21.92	21.92	21.86	21.83	21.75	22.80
		HIGH	QPSK	22.02	21.99	21.81	21.78	21.72	22.80
20	100	LOW	QPSK	21.96	21.99	21.83	21.80	21.77	22.80
		LOW	Q16	21.61	21.64	21.48	21.45	21.42	22.80
		MID	Q16	22.38	22.25	22.06	22.33	22.13	22.80
	50	HIGH	Q16	22.70	22.57	22.37	22.60	22.39	22.80
		LOW	Q16	21.42	21.31	21.33	21.39	21.26	21.80
		MID	Q16	21.44	21.40	21.34	21.33	21.22	21.80
20	100	HIGH	Q16	21.52	21.43	21.34	21.30	21.25	21.80
		LOW	Q16	21.44	21.42	21.32	21.32	21.25	21.80
		LOW	64QAM	20.76	20.83	20.63	20.41	20.52	21.80
	1	MID	64QAM	21.26	21.11	20.85	21.44	21.04	21.80
		HIGH	64QAM	21.55	21.76	21.58	21.49	21.49	21.80
		LOW	64QAM	20.45	20.46	20.44	20.36	20.39	20.80
20	50	MID	64QAM	20.44	20.17	20.35	20.45	20.10	20.80
		HIGH	64QAM	20.54	20.24	20.14	20.18	20.10	20.80
		LOW	64QAM	20.57	20.34	20.27	20.29	20.20	20.80

LTE B41-Level3&4&5&6 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.38	21.33	21.25	21.42	21.19	21.80
		MID	QPSK	21.62	21.51	21.50	21.59	21.32	21.80
		HIGH	QPSK	21.36	21.52	21.16	21.13	21.23	21.80
	12	LOW	QPSK	20.90	20.82	20.74	20.86	20.85	21.80
		MID	QPSK	21.03	20.87	20.90	20.85	20.74	21.80
		HIGH	QPSK	21.03	20.89	20.75	20.87	20.60	21.80
	25	LOW	QPSK	20.98	21.01	20.81	20.69	20.81	21.80
		LOW	Q16	20.40	20.81	20.41	20.50	20.47	21.80
		MID	Q16	21.52	21.32	20.98	21.18	21.01	21.80
5	1	HIGH	Q16	21.76	21.48	21.42	21.56	21.34	21.80
		LOW	Q16	21.31	21.35	21.24	21.34	21.16	21.80
	12	MID	Q16	21.63	21.59	21.53	21.20	21.38	21.80
		HIGH	Q16	21.46	21.41	21.39	21.22	21.09	21.80
	25	LOW	Q16	21.51	21.42	21.07	21.55	21.16	21.80
		LOW	64QAM	20.60	20.77	20.46	20.52	20.56	21.80
		MID	64QAM	21.10	21.06	20.93	21.39	20.84	21.80
	12	HIGH	64QAM	21.61	21.54	21.56	21.25	21.50	21.80
		LOW	64QAM	20.61	20.52	20.46	20.36	20.37	20.80
5	1	MID	64QAM	20.27	20.12	20.47	20.59	20.17	20.80
		HIGH	64QAM	20.55	20.17	20.05	20.39	20.21	20.80
	25	LOW	64QAM	20.47	20.34	20.40	20.35	20.29	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.59	21.36	21.16	21.38	21.15	21.80
		MID	QPSK	21.71	21.64	21.68	21.62	21.30	21.80
		HIGH	QPSK	21.63	21.37	20.98	21.40	21.32	21.80
	25	LOW	QPSK	20.96	20.77	20.75	20.95	20.82	21.80
		MID	QPSK	20.92	20.85	20.99	20.85	20.69	21.80
		HIGH	QPSK	21.18	20.87	20.76	20.92	20.54	21.80
	50	LOW	QPSK	21.03	20.86	21.04	20.76	20.66	21.80
		LOW	Q16	20.40	20.69	20.50	20.41	20.62	21.80
		MID	Q16	21.28	21.33	21.19	21.09	21.21	21.80
10	1	HIGH	Q16	21.79	21.68	21.45	21.64	21.55	21.80
		LOW	Q16	21.47	21.39	21.30	21.20	21.28	21.80
	25	MID	Q16	21.55	21.40	21.35	21.17	21.38	21.80
		HIGH	Q16	21.29	21.36	21.39	21.35	21.35	21.80
	50	LOW	Q16	21.58	21.38	21.18	21.53	21.21	21.80
		LOW	64QAM	20.60	20.93	20.45	20.49	20.36	21.80
		MID	64QAM	21.24	21.24	20.98	21.54	20.87	21.80
	1	HIGH	64QAM	21.73	21.68	21.52	21.55	21.51	21.80
		LOW	64QAM	20.63	20.61	20.48	20.58	20.51	20.80
10	25	MID	64QAM	20.38	20.20	20.24	20.34	20.20	20.80
		HIGH	64QAM	20.53	20.37	20.19	20.28	20.05	20.80
	50	LOW	64QAM	20.43	20.22	20.31	20.42	20.31	20.80

LTE B41-Level3&4&5&6 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.60	21.52	21.09	21.45	21.30	21.80
		MID	QPSK	21.61	21.61	21.64	21.64	21.44	21.80
		HIGH	QPSK	21.37	21.27	21.04	21.16	21.21	21.80
	36	LOW	QPSK	20.91	20.84	20.86	20.81	20.91	21.80
		MID	QPSK	21.09	21.06	20.83	20.91	20.61	21.80
		HIGH	QPSK	21.01	20.91	20.73	20.87	20.76	21.80
	75	LOW	QPSK	20.91	21.06	20.79	20.90	20.74	21.80
		LOW	Q16	20.44	20.82	20.40	20.33	20.49	21.80
		MID	Q16	21.48	21.25	21.13	21.31	21.04	21.80
15	1	HIGH	Q16	21.60	21.56	21.39	21.70	21.63	21.80
		LOW	Q16	21.30	21.45	21.34	21.30	21.14	21.80
		MID	Q16	21.43	21.35	21.31	21.36	21.46	21.80
	36	HIGH	Q16	21.49	21.48	21.29	21.30	21.20	21.80
		LOW	Q16	21.46	21.61	21.28	21.31	21.20	21.80
		MID	Q16	21.46	21.61	21.28	21.31	21.20	21.80
	75	LOW	64QAM	20.57	20.72	20.67	20.40	20.35	21.80
		MID	64QAM	21.06	21.02	20.84	21.36	21.10	21.80
		HIGH	64QAM	21.64	21.57	21.64	21.26	21.53	21.80
15	1	LOW	64QAM	20.52	20.58	20.33	20.47	20.31	20.80
		MID	64QAM	20.45	20.29	20.53	20.33	20.07	20.80
		HIGH	64QAM	20.36	20.30	20.10	20.26	20.17	20.80
	36	LOW	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
		MID	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
		HIGH	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
	75	LOW	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
		MID	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
		HIGH	64QAM	20.43	20.21	20.37	20.38	20.14	20.80
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.51	21.42	21.24	21.39	21.17	21.80
		MID	QPSK	21.69	21.61	21.57	21.62	21.39	21.80
		HIGH	QPSK	21.48	21.38	21.13	21.26	21.25	21.80
	50	LOW	QPSK	20.90	20.78	20.83	20.95	20.77	21.80
		MID	QPSK	20.94	20.91	20.84	20.76	20.65	21.80
		HIGH	QPSK	21.04	20.93	20.82	20.88	20.64	21.80
	100	LOW	QPSK	20.98	20.94	20.93	20.75	20.68	21.80
		LOW	Q16	20.52	20.74	20.41	20.35	20.53	21.80
		MID	Q16	21.43	21.23	21.06	21.22	21.08	21.80
20	1	HIGH	Q16	21.64	21.63	21.40	21.62	21.48	21.80
		LOW	Q16	21.42	21.33	21.30	21.31	21.28	21.80
		MID	Q16	21.53	21.46	21.38	21.30	21.33	21.80
	50	HIGH	Q16	21.44	21.50	21.24	21.36	21.24	21.80
		LOW	Q16	21.52	21.47	21.22	21.40	21.22	21.80
		MID	Q16	21.52	21.47	21.22	21.40	21.22	21.80
	100	LOW	64QAM	20.65	20.79	20.56	20.53	20.46	21.80
		MID	64QAM	21.16	21.15	20.85	21.47	20.98	21.80
		HIGH	64QAM	21.62	21.68	21.64	21.40	21.42	21.80
20	1	LOW	64QAM	20.56	20.57	20.39	20.47	20.36	20.80
		MID	64QAM	20.38	20.25	20.38	20.47	20.17	20.80
		HIGH	64QAM	20.47	20.26	20.14	20.28	20.18	20.80
	50	LOW	64QAM	20.47	20.26	20.14	20.28	20.18	20.80
		MID	64QAM	20.47	20.26	20.14	20.28	20.18	20.80
		HIGH	64QAM	20.47	20.26	20.14	20.28	20.18	20.80
	100	LOW	64QAM	20.50	20.24	20.32	20.39	20.18	20.80
		MID	64QAM	20.50	20.24	20.32	20.39	20.18	20.80
		HIGH	64QAM	20.50	20.24	20.32	20.39	20.18	20.80