

8.1 GSM Output Power

GSM-Full Power-Ant.1						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	128	180		128	180	
Channel	512	681	810	512	681	810
GSM (GMSK, 1.Slot)	32.82	32.40	33.11	33.50	23.63	23.47
GPRS (GMSK, 1.Slot)	33.93	33.19	33.09	33.50	23.20	23.66
GPRS (GMSK, 2.Slots)	31.17	30.93	31.40	31.90	23.04	23.27
GPRS (GMSK, 4.Slots)	29.75	29.49	29.21	30.50	23.07	23.79
GPRS (GMSK, 8.Slots)	28.48	28.14	28.35	28.50	22.30	23.13
EGPRS (BPSK, 1.Slot)	26.55	26.57	26.62	28.00	17.36	17.38
EGPRS (BPSK, 2.Slots)	25.07	24.78	24.79	26.00	18.84	18.85
EGPRS (BPSK, 3.Slots)	22.48	22.51	22.61	24.00	18.00	18.19
EGPRS (BPSK, 4.Slots)	21.72	22.21	21.78	23.00	18.54	18.87
GSM(H) Band						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	512	681		810	512	
Channel	512	681	810	512	681	810
GSM (GMSK, 1.Slot)	29.89	30.22	30.05	30.50	20.61	21.00
GPRS (GMSK, 1.Slot)	26.81	30.23	30.00	30.50	20.72	21.04
GPRS (GMSK, 2.Slots)	27.51	27.68	27.58	28.00	21.78	21.73
GPRS (GMSK, 4.Slots)	26.94	26.96	26.93	27.00	22.52	22.54
GPRS (GMSK, 8.Slots)	26.37	26.40	26.39	26.50	22.18	22.21
EGPRS (BPSK, 1.Slot)	25.35	24.84	24.70	26.00	16.16	15.93
EGPRS (BPSK, 2.Slots)	22.70	23.39	23.18	26.00	17.57	17.06
EGPRS (BPSK, 3.Slots)	22.14	21.78	21.84	23.00	17.72	17.54
EGPRS (BPSK, 4.Slots)	20.36	20.38	20.17	22.00	17.15	16.99

GSM-Level1-Ant.1						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	128	180		128	180	
Channel	128	180	251	128	180	251
GSM (GMSK, 1.Slot)	26.71	26.40	27.03	27.50	17.52	17.21
GPRS (GMSK, 1.Slot)	26.73	26.39	27.04	27.50	17.56	17.20
GPRS (GMSK, 2.Slots)	25.11	24.77	25.33	25.50	18.88	18.84
GPRS (GMSK, 4.Slots)	23.60	23.40	24.87	24.50	19.18	19.46
GPRS (GMSK, 8.Slots)	22.57	22.27	22.26	22.50	19.19	19.04
EGPRS (BPSK, 1.Slot)	26.55	26.57	26.52	28.00	17.36	17.33
EGPRS (BPSK, 2.Slots)	24.07	24.18	24.71	26.00	18.54	18.65
EGPRS (BPSK, 3.Slots)	22.48	22.51	22.61	24.00	18.00	18.19
EGPRS (BPSK, 4.Slots)	21.72	22.21	21.78	23.00	18.54	18.99
GSM(H) Band						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	512	681		810	512	
Channel	512	681	810 <td>512</td> <td>681</td> <td>810</td>	512	681	810
GSM (GMSK, 1.Slot)	20.57	20.89	20.63	21.50	11.38	11.40
GPRS (GMSK, 1.Slot)	20.74	20.68	20.69	21.50	11.05	11.49
GPRS (GMSK, 2.Slots)	19.15	19.20	19.24	19.50	13.82	13.07
GPRS (GMSK, 4.Slots)	17.54	17.52	17.99	18.50	13.52	13.50
GPRS (GMSK, 8.Slots)	16.80	16.71	16.76	17.00	13.82	13.53
EGPRS (BPSK, 1.Slot)	21.12	20.82	21.08	21.50	11.93	11.83
EGPRS (BPSK, 2.Slots)	18.86	19.40	19.14	20.00	12.83	13.07
EGPRS (BPSK, 3.Slots)	17.79	17.79	17.65	18.00	13.37	13.23
EGPRS (BPSK, 4.Slots)	16.42	16.44	16.47	17.00	13.24	13.26

GSM-Level2-Ant.1						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	128	180		128	180	
Channel	128	180	251	128	180	251
GSM (GMSK, 1.Slot)	32.86	32.45	32.27	33.00	23.49	23.26
GPRS (GMSK, 1.Slot)	33.99	33.36	33.89	33.00	23.49	23.11
GPRS (GMSK, 2.Slots)	30.94	30.68	30.52	31.00	23.81	24.55
GPRS (GMSK, 4.Slots)	29.49	29.21	29.06	30.00	23.07	24.79
GPRS (GMSK, 8.Slots)	27.78	27.81	27.89	28.00	24.65	24.55
EGPRS (BPSK, 1.Slot)	26.55	26.57	26.62	28.00	17.36	17.38
EGPRS (BPSK, 2.Slots)	25.07	24.78	24.79	26.00	18.54	18.85
EGPRS (BPSK, 3.Slots)	22.48	22.51	22.61	24.00	18.00	18.19
EGPRS (BPSK, 4.Slots)	21.72	22.21	21.78	23.00	18.54	19.00
GSM(H) Band						
GSMSSO Band	Band Average Power(dBm)		Tune-up Power(dBm)	Frame Average Power		Tune-up Power(dBm)
	512	681		810	512	
Channel	512	681	810	512	681	810
GSM (GMSK, 1.Slot)	29.14	29.12	29.35	29.00	19.95	19.50
GPRS (GMSK, 1.Slot)	26.28	26.16	26.39	26.00	19.09	19.97
GPRS (GMSK, 2.Slots)	25.36	25.39	25.46	25.50	17.25	17.28
GPRS (GMSK, 4.Slots)	22.07	22.08	22.12	22.50	17.65	17.70
GPRS (GMSK, 8.Slots)	20.69	20.79	20.84	21.00	17.51	17.61
EGPRS (BPSK, 1.Slot)	25.31	24.94	24.99	26.00	15.12	15.10
EGPRS (BPSK, 2.Slots)	22.85	22.42	22.59	23.00	16.52	16.29
EGPRS (BPSK, 3.Slots)	21.54	21.52	21.28	22.00	16.99	16.98
EGPRS (BPSK, 4.Slots)	20.24	20.28	20.24	21.00	17.06	17.10

GSM-Full Power-Ant 0						
GSM900 Band	Burst Average Power(dBm)			Frame Average power		
Channel	128	192	251	128	192	251
GSM (GMSK 1-Set)	32.94	32.73	33.22	33.50	33.78	33.54
GPRS (GMSK 1-Set)	33.48	33.29	33.13	33.50	34.29	24.10
GPRS (GMSK 2-Set)	33.30	31.04	31.38	31.50	25.17	24.91
GPRS (GMSK 3-Set)	29.87	29.59	30.26	30.50	25.45	25.17
GPRS (GMSK 4-Set)	29.40	29.23	29.48	29.50	25.00	25.30
EGPRS (BPSK 1-Set)	26.92	26.57	26.67	26.00	17.73	17.48
EGPRS (BPSK 2-Set)	25.05	24.79	24.90	26.00	18.92	18.66
EGPRS (BPSK 3-Set)	22.75	22.48	22.58	24.00	18.33	18.06
EGPRS (BPSK 4-Set)	22.17	21.84	22.10	23.00	18.99	18.60
GSM900 Band						
Channel	512	681	810	512	681	810
GSM (GMSK 1-Set)	29.86	30.20	30.04	30.50	20.67	21.01
GPRS (GMSK 1-Set)	29.89	30.23	30.06	30.50	20.70	21.04
GPRS (GMSK 2-Set)	27.79	27.80	27.98	28.00	21.68	21.67
GPRS (GMSK 3-Set)	26.73	26.89	26.81	27.00	22.31	22.47
GPRS (GMSK 4-Set)	25.36	25.40	25.36	25.50	22.18	22.22
EGPRS (BPSK 1-Set)	25.73	25.82	25.84	27.00	16.94	16.43
EGPRS (BPSK 2-Set)	24.00	23.84	23.88	25.00	17.87	17.71
EGPRS (BPSK 3-Set)	21.62	21.58	21.55	23.00	17.20	17.14
EGPRS (BPSK 4-Set)	20.40	20.25	20.25	22.00	17.22	17.07

GSM-Level1-Ant 0						
GSM900 Band	Burst Average Power(dBm)			Frame Average power		
Channel	128	192	251	128	192	251
GSM (GMSK 1-Set)	32.94	32.73	33.22	33.50	33.78	33.54
GPRS (GMSK 1-Set)	33.48	33.29	33.13	33.50	34.29	24.10
GPRS (GMSK 2-Set)	33.30	31.04	31.38	31.50	25.17	24.91
GPRS (GMSK 3-Set)	29.87	29.59	30.26	30.50	25.45	25.17
GPRS (GMSK 4-Set)	29.40	29.23	29.48	29.50	25.00	25.30
EGPRS (BPSK 1-Set)	26.92	26.57	26.67	26.00	17.73	17.48
EGPRS (BPSK 2-Set)	25.05	24.79	24.90	26.00	18.92	18.66
EGPRS (BPSK 3-Set)	22.75	22.48	22.58	24.00	18.33	18.06
EGPRS (BPSK 4-Set)	22.17	21.84	22.10	23.00	18.99	18.60
GSM900 Band						
Channel	512	681	810	512	681	810
GSM (GMSK 1-Set)	29.86	30.20	30.04	30.50	20.67	21.01
GPRS (GMSK 1-Set)	29.89	30.23	30.06	30.50	20.70	21.04
GPRS (GMSK 2-Set)	27.79	27.80	27.98	28.00	21.68	21.67
GPRS (GMSK 3-Set)	26.73	26.89	26.81	27.00	22.31	22.47
GPRS (GMSK 4-Set)	25.36	25.40	25.36	25.50	22.18	22.22
EGPRS (BPSK 1-Set)	25.73	25.82	25.84	27.00	16.94	16.43
EGPRS (BPSK 2-Set)	24.00	23.84	23.88	25.00	17.87	17.71
EGPRS (BPSK 3-Set)	21.62	21.58	21.55	23.00	17.20	17.14
EGPRS (BPSK 4-Set)	20.40	20.25	20.25	22.00	17.22	17.07

GSM-Level2-Ant 0						
GSM900 Band	Burst Average Power(dBm)			Frame Average power		
Channel	128	192	251	128	192	251
GSM (GMSK 1-Set)	32.94	32.73	33.22	33.50	33.78	33.54
GPRS (GMSK 1-Set)	33.48	33.29	33.13	33.50	34.29	24.10
GPRS (GMSK 2-Set)	33.30	31.04	31.38	31.50	25.17	24.91
GPRS (GMSK 3-Set)	29.87	29.59	30.26	30.50	25.45	25.17
GPRS (GMSK 4-Set)	29.40	29.23	29.48	29.50	25.00	25.30
EGPRS (BPSK 1-Set)	26.92	26.57	26.67	26.00	17.73	17.48
EGPRS (BPSK 2-Set)	25.05	24.79	24.90	26.00	18.92	18.66
EGPRS (BPSK 3-Set)	22.75	22.48	22.58	24.00	18.33	18.06
EGPRS (BPSK 4-Set)	22.17	21.84	22.10	23.00	18.99	18.60
GSM900 Band						
Channel	512	681	810	512	681	810
GSM (GMSK 1-Set)	27.38	27.43	27.42	28.00	18.18	18.24
GPRS (GMSK 1-Set)	27.89	27.42	27.66	28.00	18.20	18.23
GPRS (GMSK 2-Set)	25.35	25.45	25.44	25.50	19.22	19.32
GPRS (GMSK 3-Set)	24.24	24.24	24.33	24.50	19.62	19.61
GPRS (GMSK 4-Set)	22.90	22.87	22.97	23.00	19.72	19.69
EGPRS (BPSK 1-Set)	25.32	25.30	25.53	27.00	16.13	16.24
EGPRS (BPSK 2-Set)	23.50	23.50	23.61	25.00	17.20	17.23
EGPRS (BPSK 3-Set)	21.22	21.40	21.35	23.00	16.80	16.80
EGPRS (BPSK 4-Set)	20.08	20.01	20.06	22.00	16.50	16.58

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
	Channel	9262	9400	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.44	23.53	23.52	24.50
AMR 12.2kbps	23.36	23.50	23.43	24.50
HSDPA Subtest-1	22.46	22.52	22.50	23.70
HSDPA Subtest-2	22.61	22.54	22.58	23.70
HSDPA Subtest-3	22.04	22.00	21.87	23.20
HSDPA Subtest-4	22.03	22.04	21.93	23.20
HSUPA Subtest-1	22.61	22.46	22.39	23.70
HSUPA Subtest-2	20.42	20.50	20.49	21.70
HSUPA Subtest-3	21.56	21.45	21.32	22.70
HSUPA Subtest-4	20.43	20.54	20.58	21.70
HSUPA Subtest-5	22.48	22.52	22.46	23.70
Band	Band 4			Tune-up Limit Power(dBm)
	Channel	1312	1412	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.96	24.07	24.02	24.50
AMR 12.2kbps	23.89	24.00	24.00	24.50
HSDPA Subtest-1	23.07	23.05	22.99	23.70
HSDPA Subtest-2	23.16	23.04	23.07	23.70
HSDPA Subtest-3	22.46	22.51	22.42	23.20
HSDPA Subtest-4	22.66	22.54	22.44	23.20
HSUPA Subtest-1	23.13	22.99	23.03	23.70
HSUPA Subtest-2	20.93	21.01	21.06	21.70
HSUPA Subtest-3	21.96	21.99	21.85	22.70
HSUPA Subtest-4	21.07	21.14	21.03	21.70
HSUPA Subtest-5	23.14	23.02	22.95	23.70
Band	Band 5			Tune-up Limit Power(dBm)
	Channel	4132	4182	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.08	23.84	23.83	25.00
AMR 12.2kbps	24.04	23.71	23.82	25.00
HSDPA Subtest-1	22.96	22.91	22.84	23.70
HSDPA Subtest-2	22.86	22.88	22.82	23.70
HSDPA Subtest-3	22.49	22.38	22.29	23.20
HSDPA Subtest-4	22.38	22.36	22.45	23.20
HSUPA Subtest-1	22.94	22.91	22.76	23.70
HSUPA Subtest-2	20.88	20.87	20.81	21.70
HSUPA Subtest-3	22.01	21.87	21.83	22.70
HSUPA Subtest-4	20.94	20.88	20.73	21.70
HSUPA Subtest-5	22.87	22.88	22.91	23.70

WCDMA-Level1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
	Channel	9262	9400	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	13.13	13.19	13.12	14.00
AMR 12.2kbps	13.02	13.17	13.06	14.00
HSDPA Subtest-1	12.15	12.20	12.33	13.20
HSDPA Subtest-2	12.07	12.20	12.35	13.20
HSDPA Subtest-3	11.77	11.66	11.67	12.70
HSDPA Subtest-4	11.67	11.72	11.85	12.70
HSUPA Subtest-1	12.14	12.18	12.18	13.20
HSUPA Subtest-2	10.08	10.17	10.15	11.20
HSUPA Subtest-3	11.18	11.21	11.34	12.20
HSUPA Subtest-4	10.15	10.18	10.18	11.20
HSUPA Subtest-5	12.11	12.20	12.06	13.20
Band	Band 4			Tune-up Limit Power(dBm)
	Channel	1312	1412	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	14.20	14.28	14.25	15.00
AMR 12.2kbps	14.07	14.11	14.22	15.00
HSDPA Subtest-1	13.43	13.30	13.41	14.20
HSDPA Subtest-2	13.43	13.29	13.38	14.20
HSDPA Subtest-3	12.90	12.76	12.83	13.70
HSDPA Subtest-4	12.81	12.79	12.76	13.70
HSUPA Subtest-1	13.18	13.24	13.39	14.20
HSUPA Subtest-2	11.31	11.22	11.15	12.20
HSUPA Subtest-3	12.31	12.29	12.20	13.20
HSUPA Subtest-4	11.28	11.31	11.32	12.20
HSUPA Subtest-5	13.19	13.28	13.33	14.20
Band	Band 5			Tune-up Limit Power(dBm)
	Channel	4132	4182	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	19.69	19.9	19.70	21.00
AMR 12.2kbps	19.81	19.67	19.62	21.00
HSDPA Subtest-1	18.81	18.72	18.72	19.70
HSDPA Subtest-2	18.78	18.73	18.82	19.70
HSDPA Subtest-3	18.30	18.18	18.25	19.20
HSDPA Subtest-4	18.08	18.19	18.05	19.20
HSUPA Subtest-1	18.56	18.68	18.58	19.70
HSUPA Subtest-2	16.78	16.66	16.58	17.70
HSUPA Subtest-3	17.64	17.76	17.66	18.70
HSUPA Subtest-4	16.69	16.73	16.74	17.70
HSUPA Subtest-5	18.65	18.74	18.65	19.70

WCDMA-Level2-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
	Channel	9262	9400	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	17.66	17.7	17.68	18.50
AMR 12.2kbps	17.64	17.60	17.58	18.50
HSDPA Subtest-1	16.85	16.73	16.79	17.70
HSDPA Subtest-2	16.69	16.77	16.92	17.70
HSDPA Subtest-3	16.24	16.23	16.30	17.20
HSDPA Subtest-4	16.16	16.20	16.07	17.20
HSUPA Subtest-1	16.71	16.71	16.75	17.70
HSUPA Subtest-2	14.80	14.70	14.81	15.70
HSUPA Subtest-3	15.74	15.77	15.85	16.70
HSUPA Subtest-4	14.92	14.79	14.93	15.70
HSUPA Subtest-5	16.82	16.76	16.78	17.70
Band	Band 4			Tune-up Limit Power(dBm)
	Channel	1312	1412	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.26	19.31	19.30	20.00
AMR 12.2kbps	19.16	19.18	19.16	20.00
HSDPA Subtest-1	18.23	18.32	18.19	19.20
HSDPA Subtest-2	18.21	18.35	18.36	19.20
HSDPA Subtest-3	17.77	17.85	17.94	18.70
HSDPA Subtest-4	17.70	17.80	17.85	18.70
HSUPA Subtest-1	18.44	18.35	18.20	19.20
HSUPA Subtest-2	16.27	16.23	16.38	17.20
HSUPA Subtest-3	17.33	17.26	17.18	18.20
HSUPA Subtest-4	16.21	16.33	16.46	17.20
HSUPA Subtest-5	18.35	18.40	18.28	19.20
Band	Band 5			Tune-up Limit Power(dBm)
	Channel	4132	4182	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.08	23.84	23.83	25.00
AMR 12.2kbps	24.04	23.71	23.82	25.00
HSDPA Subtest-1	22.96	22.91	22.84	23.70
HSDPA Subtest-2	22.86	22.88	22.82	23.70
HSDPA Subtest-3	22.49	22.38	22.29	23.20
HSDPA Subtest-4	22.38	22.36	22.45	23.20
HSUPA Subtest-1	22.94	22.91	22.76	23.70
HSUPA Subtest-2	20.88	20.87	20.81	21.70
HSUPA Subtest-3	22.01	21.87	21.83	22.70
HSUPA Subtest-4	20.94	20.88	20.73	21.70
HSUPA Subtest-5	22.87	22.88	22.91	23.70

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
	Channel	9262	9400	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.41	23.54	23.49	24.50
AMR 12.2kbps	23.36	23.42	23.48	24.50
HSDPA Subtest-1	22.42	22.55	22.59	23.70
HSDPA Subtest-2	22.62	22.54	22.54	23.70
HSDPA Subtest-3	21.89	22.00	21.96	23.20
HSDPA Subtest-4	22.12	22.03	21.92	23.20
HSUPA Subtest-1	22.40	22.53	22.62	23.70
HSUPA Subtest-2	20.50	20.59	20.62	21.70
HSUPA Subtest-3	21.57	21.49	21.64	22.70
HSUPA Subtest-4	20.60	20.56	20.46	21.70
HSUPA Subtest-5	22.72	22.59	22.61	23.70
Band	Band 4			Tune-up Limit Power(dBm)
	Channel	1312	1412	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.05	24.18	24.14	24.50
AMR 12.2kbps	23.97	24.14	24.12	24.50
HSDPA Subtest-1	23.31	23.16	23.20	23.70
HSDPA Subtest-2	23.24	23.18	23.24	23.70
HSDPA Subtest-3	22.71	22.63	22.61	23.20
HSDPA Subtest-4	22.75	22.62	22.64	23.20
HSUPA Subtest-1	23.18	23.13	23.01	23.70
HSUPA Subtest-2	21.18	21.08	21.14	21.70
HSUPA Subtest-3	22.01	22.07	22.03	22.70
HSUPA Subtest-4	21.13	21.18	21.24	21.70
HSUPA Subtest-5	23.18	23.07	23.09	23.70
Band	Band 5			Tune-up Limit Power(dBm)
	Channel	4132	4182	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.00	24.27	24.07	25.00
AMR 12.2kbps	24.22	23.94	24.02	25.00
HSDPA Subtest-1	22.97	23.05	23.11	23.70
HSDPA Subtest-2	23.03	23.09	23.09	23.70
HSDPA Subtest-3	22.62	22.57	22.71	23.20
HSDPA Subtest-4	22.45	22.53	22.59	23.20
HSUPA Subtest-1	23.13	23.05	23.02	23.70
HSUPA Subtest-2	20.98	21.05	20.91	21.70
HSUPA Subtest-3	22.08	21.99	21.84	22.70
HSUPA Subtest-4	21.17	21.12	21.15	21.70
HSUPA Subtest-5	22.95	23.08	23.01	23.70

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
	Channel	9262	9400	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.41	23.54	23.49	24.50
AMR 12.2kbps	23.36	23.42	23.48	24.50
HSDPA Subtest-1	22.42	22.55	22.59	23.70
HSDPA Subtest-2	22.62	22.54	22.54	23.70
HSDPA Subtest-3	21.89	22.00	21.96	23.20
HSDPA Subtest-4	22.12	22.03	21.92	23.20
HSUPA Subtest-1	22.40	22.53	22.62	23.70
HSUPA Subtest-2	20.50	20.59	20.62	21.70
HSUPA Subtest-3	21.57	21.49	21.64	22.70
HSUPA Subtest-4	20.60	20.56	20.46	21.70
HSUPA Subtest-5	22.72	22.59	22.61	23.70
Band	Band 4			Tune-up Limit Power(dBm)
	Channel	1312	1412	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.05	24.18	24.14	24.50
AMR 12.2kbps	23.97	24.14	24.12	24.50
HSDPA Subtest-1	23.31	23.16	23.20	23.70
HSDPA Subtest-2	23.24	23.18	23.24	23.70
HSDPA Subtest-3	22.71	22.63	22.61	23.20
HSDPA Subtest-4	22.75	22.62	22.64	23.20
HSUPA Subtest-1	23.18	23.13	23.01	23.70
HSUPA Subtest-2	21.18	21.08	21.14	21.70
HSUPA Subtest-3	22.01	22.07	22.03	22.70
HSUPA Subtest-4	21.13	21.18	21.24	21.70
HSUPA Subtest-5				

8.3.2 LTE Band4 Output Power

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

Table with 10 columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 20MHz, 25MHz, 30MHz, 35MHz, 40MHz. It lists LTE Band 4 output power configurations for various bandwidths and RB sizes.

8.3.3 LTE Band5 Output Power

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LTE BS-Full Power Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	2047	2053	2063	Tune-up power (dBm)
1.4	1	1	LOW QPSK	24.30	24.01	24.01	25.00
			MED QPSK	24.30	24.02	24.01	25.00
			HIGH QPSK	24.30	24.20	24.02	25.00
	3	1	LOW QPSK	24.28	24.08	24.09	25.00
			MED QPSK	24.28	24.10	24.08	25.00
			HIGH QPSK	24.28	24.24	24.10	25.00
	6	1	LOW QPSK	23.24	23.24	23.17	24.00
			MED QPSK	23.25	23.02	23.18	24.00
			HIGH QPSK	23.25	23.10	23.14	24.00
	1.4	1	LOW QPSK	23.37	23.37	23.10	24.00
			MED QPSK	23.37	23.18	23.16	24.00
			HIGH QPSK	23.38	23.32	23.19	24.00
	3	1	LOW QPSK	23.48	23.32	23.19	24.00
			MED QPSK	23.48	23.38	23.19	24.00
			HIGH QPSK	23.48	23.32	23.19	24.00
6	1	LOW QPSK	22.42	22.24	22.23	23.00	
		MED QPSK	22.33	22.09	22.10	23.00	
		HIGH QPSK	22.33	22.13	22.10	23.00	
1.4	1	LOW QPSK	22.10	22.08	22.14	23.00	
		MED QPSK	22.10	22.05	22.11	23.00	
		HIGH QPSK	22.11	22.05	22.12	23.00	
3	1	LOW QPSK	22.27	22.09	22.12	23.00	
		MED QPSK	22.27	22.12	22.12	23.00	
		HIGH QPSK	22.27	22.09	22.12	23.00	
6	1	LOW QPSK	21.32	21.20	21.20	22.00	
		MED QPSK	21.32	21.18	21.19	22.00	
		HIGH QPSK	21.32	21.18	21.19	22.00	

LTE BS-Full Power Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power (dBm)
3	1	1	LOW QPSK	24.20	24.12	24.17	25.00
			MED QPSK	24.41	23.99	24.09	25.00
			HIGH QPSK	24.41	23.20	24.10	25.00
	8	1	LOW QPSK	23.42	23.24	23.06	24.00
			MED QPSK	23.42	23.14	23.09	24.00
			HIGH QPSK	23.42	23.07	23.14	24.00
	15	1	LOW QPSK	23.49	23.40	23.17	24.00
			MED QPSK	23.49	23.27	23.17	24.00
			HIGH QPSK	23.49	23.27	23.17	24.00
	3	8	LOW QPSK	23.31	23.04	23.26	24.00
			MED QPSK	23.31	22.88	23.04	24.00
			HIGH QPSK	23.31	22.88	23.26	24.00
	8	1	LOW QPSK	22.47	22.23	22.24	23.00
			MED QPSK	22.47	22.23	22.24	23.00
			HIGH QPSK	22.47	22.23	22.24	23.00
15	1	LOW QPSK	22.45	22.34	22.12	23.00	
		MED QPSK	22.45	22.39	22.12	23.00	
		HIGH QPSK	22.45	22.39	22.12	23.00	
1	1	LOW QPSK	22.29	22.05	22.26	23.00	
		MED QPSK	22.29	22.05	22.26	23.00	
		HIGH QPSK	22.29	22.05	22.26	23.00	
3	8	LOW QPSK	22.22	22.02	22.03	23.00	
		MED QPSK	22.29	21.14	21.21	23.00	
		HIGH QPSK	22.29	21.14	21.21	23.00	
8	1	LOW QPSK	21.45	21.34	21.13	22.00	
		MED QPSK	21.45	21.31	21.14	22.00	
		HIGH QPSK	21.45	21.31	21.14	22.00	
15	1	LOW QPSK	21.41	21.12	21.14	22.00	
		MED QPSK	21.41	21.12	21.14	22.00	
		HIGH QPSK	21.41	21.12	21.14	22.00	

LTE BS-Full Power Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power (dBm)
5	1	1	LOW QPSK	24.28	24.07	24.03	25.00
			MED QPSK	24.37	23.03	24.23	25.00
			HIGH QPSK	24.37	23.03	24.23	25.00
	3	1	LOW QPSK	23.32	23.31	23.25	24.00
			MED QPSK	23.32	23.31	23.25	24.00
			HIGH QPSK	23.32	23.31	23.25	24.00
	6	1	LOW QPSK	23.40	23.24	23.05	24.00
			MED QPSK	23.40	23.20	23.07	24.00
			HIGH QPSK	23.40	23.20	23.07	24.00
	1.4	1	LOW QPSK	23.56	23.30	23.07	24.00
			MED QPSK	23.56	23.30	23.07	24.00
			HIGH QPSK	23.56	23.30	23.07	24.00
	3	8	LOW QPSK	23.12	23.11	23.27	24.00
			MED QPSK	23.12	23.04	23.06	24.00
			HIGH QPSK	23.12	23.08	23.27	24.00
6	1	LOW QPSK	22.47	22.08	22.27	23.00	
		MED QPSK	22.47	22.08	22.27	23.00	
		HIGH QPSK	22.47	22.08	22.27	23.00	
1.4	1	LOW QPSK	22.40	22.28	22.27	23.00	
		MED QPSK	22.40	22.28	22.27	23.00	
		HIGH QPSK	22.40	22.28	22.27	23.00	
3	8	LOW QPSK	22.24	22.27	22.29	23.00	
		MED QPSK	22.29	22.21	22.29	23.00	
		HIGH QPSK	22.29	22.21	22.29	23.00	
6	1	LOW QPSK	21.39	21.12	21.21	22.00	
		MED QPSK	21.39	21.12	21.21	22.00	
		HIGH QPSK	21.39	21.12	21.21	22.00	
15	1	LOW QPSK	21.44	21.20	21.38	22.00	
		MED QPSK	21.44	21.20	21.38	22.00	
		HIGH QPSK	21.44	21.20	21.38	22.00	
1.4	1	LOW QPSK	21.26	21.10	21.20	22.00	
		MED QPSK	21.26	21.10	21.20	22.00	
		HIGH QPSK	21.26	21.10	21.20	22.00	

LTE BS-Full Power Ant.6							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20400	20525	20600	Tune-up power (dBm)
10	1	1	LOW QPSK	24.31	24.08	24.09	25.00
			MED QPSK	24.38	24.08	24.10	25.00
			HIGH QPSK	24.43	24.08	24.04	25.00
	25	1	LOW QPSK	23.40	23.19	23.13	24.00
			MED QPSK	23.40	23.19	23.13	24.00
			HIGH QPSK	23.41	23.21	23.17	24.00
	50	1	LOW QPSK	23.52	23.31	23.25	24.00
			MED QPSK	23.52	23.31	23.25	24.00
			HIGH QPSK	23.52	23.31	23.25	24.00
	1.4	1	LOW QPSK	23.31	23.24	23.17	24.00
			MED QPSK	23.31	23.24	23.17	24.00
			HIGH QPSK	23.31	23.24	23.17	24.00
	3	8	LOW QPSK	23.20	23.08	23.07	24.00
			MED QPSK	23.20	23.08	23.07	24.00
			HIGH QPSK	23.20	23.08	23.07	24.00
6	1	LOW QPSK	22.47	22.22	22.24	23.00	
		MED QPSK	22.47	22.22	22.24	23.00	
		HIGH QPSK	22.47	22.22	22.24	23.00	
1.4	1	LOW QPSK	22.40	22.34	22.06	23.00	
		MED QPSK	22.40	22.34	22.06	23.00	
		HIGH QPSK	22.40	22.34	22.06	23.00	
3	8	LOW QPSK	22.46	22.20	22.31	23.00	
		MED QPSK	22.46	22.20	22.31	23.00	
		HIGH QPSK	22.46	22.20	22.31	23.00	
6	1	LOW QPSK	22.46	22.28	22.19	23.00	
		MED QPSK	22.46	22.28	22.19	23.00	
		HIGH QPSK	22.46	22.28	22.19	23.00	
1.4	1	LOW QPSK	22.16	22.26	22.06	23.00	
		MED QPSK	22.16	22.26	22.06	23.00	
		HIGH QPSK	22.16	22.26	22.06	23.00	
3	8	LOW QPSK	21.40	21.37	21.31	22.00	
		MED QPSK	21.40	21.34	21.22	22.00	
		HIGH QPSK	21.39	21.21	21.23	22.00	
6	1	LOW QPSK	21.49	21.20	21.32	22.00	
		MED QPSK	21.49	21.20	21.32	22.00	
		HIGH QPSK	21.49	21.20	21.32	22.00	

LTE BS-Level1 Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power (dBm)
1.4	1	1	LOW QPSK	19.94	19.76	19.86	21.00
			MED QPSK	19.97	19.69	19.81	21.00
			HIGH QPSK	19.97	19.69	19.81	21.00
	3	1	LOW QPSK	20.04	19.81	19.81	21.00
			MED QPSK	20.04	19.81	19.81	21.00
			HIGH QPSK	20.04	19.81	19.81	21.00
	6	1	LOW QPSK	20.17	19.76	19.78	21.00
			MED QPSK	19.87	20.14	19.82	21.00
			HIGH QPSK	19.87	20.14	19.82	21.00
	1.4	1	LOW QPSK	19.86	19.82	19.83	21.00
			MED QPSK	19.86	20.13	19.81	21.00
			HIGH QPSK	19.86	20.13	19.81	21.00
	3	1	LOW QPSK	20.18	20.04	19.83	21.00
			MED QPSK	20.18	20.04	19.83	21.00
			HIGH QPSK	20.18	20.04	19.83	21.00
6	1	LOW QPSK	20.15	19.84	19.83	21.00	
		MED QPSK	19.86	20.13	19.81	21.00	
		HIGH QPSK	19.86	20.13	19.81	21.00	
1.4	1	LOW QPSK	19.78	20.12	19.85	21.00	
		MED QPSK	19.78	20.12	19.85	21.00	
		HIGH QPSK	19.78	20.12	19.85	21.00	
3	1	LOW QPSK	19.89	19.89	19.88	21.00	
		MED QPSK	19.89	19.88	19.86	21.00	
		HIGH QPSK	19.89	19.88	19.86	21.00	
6	1	LOW QPSK	19.86	19.86	19.86	21.00	
		MED QPSK	19.86	19.86	19.86	21.00	
		HIGH QPSK	19.86	19.86	19.86	21.00	

LTE BS-Level1 Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power (dBm)
3	1	1	LOW QPSK	19.75	19.67	19.89	21.00
			MED QPSK	20.02	19.58	19.89	21.00
			HIGH QPSK	20.02	19.58	19.89	21.00
	8	1	LOW QPSK	20.00	19.60	19.83	21.00
			MED QPSK	20.06	20.02	19.85	21.00
			HIGH QPSK	20.06	20.02	19.85	21.00
	15	1	LOW QPSK	20.06	19.87	19.86	21.00
			MED QPSK	20.06	19.87	19.86	21.00
			HIGH QPSK	20.06	19.87	19.86	21.00
	3	8	LOW QPSK	19.60	20.24	19.86	21.00
			MED QPSK	19.81	20.14	19.85	21.00
			HIGH QPSK	19.81	20.14	19.85	21.00
	8	1	LOW QPSK	20.05	20.10	19.79	21.00
			MED QPSK	20.05	20.07	19.87	21.00
			HIGH QPSK	20.05	20.10	19.79	21.00
15	1	LOW QPSK	20.05	19.89	19.84	21.00	
		MED QPSK	20.05	19.89	19.84	21.00	
		HIGH QPSK	20.05	19.89	19.84	21.00	
1	1	LOW QPSK	19.89	20.11	19.81	21.00	
		MED QPSK	19.89	20.11	19.81	21.00	
		HIGH QPSK	19.89	20.11	19.81	21.00	
3	8	LOW QPSK	19.20	20.04	19.89	21.00	
		MED QPSK	19.20	20.04	19.89	21.00	
		HIGH QPSK	19.20	20.04	19.89	21.00	
8	1	LOW QPSK	20.15	19.81	19.82	21.00	
		MED QPSK	20.15	19.81	19.82	21.00	
		HIGH QPSK	20.15	19.81	19.82	21.00	
15	1	LOW QPSK	20.16	20.03	19.89	21.00	
		MED QPSK	20.16	20.03	19.89	21.00	
		HIGH QPSK	20.16	20.03	19.89	21.00	

LTE BS-Level1 Ant.1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power (dBm)
5	1	1	LOW QPSK	19.88	19.70	19.88	21.00
			MED QPSK	19.84	19.76	19.70	21.00
			HIGH QPSK	19.84	19.76	19.70	21.00
	3	1	LOW QPSK	19.93			

LTE BS-Full Power Ant.(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	23.25	23.08	22.87	24.00
			MID QPSK	23.25	23.11	22.87	24.00
			HIGH QPSK	23.23	23.21	22.87	24.00
	3	1	LOW QPSK	23.23	23.22	22.87	24.00
			MID QPSK	23.11	23.14	22.92	24.00
			HIGH QPSK	23.24	23.17	22.87	24.00
1.4	1	1	LOW QPSK	23.24	23.24	23.17	24.00
			MID QPSK	23.08	23.34	23.11	24.00
			HIGH QPSK	23.20	23.43	22.99	24.00
	3	1	LOW QPSK	23.18	23.18	23.02	24.00
			MID QPSK	23.41	23.32	23.11	24.00
			HIGH QPSK	23.21	23.41	23.02	24.00
1.4	1	1	LOW QPSK	23.21	23.21	23.18	23.00
			MID QPSK	22.19	23.04	23.04	23.00
			HIGH QPSK	23.23	23.20	23.19	23.00
	3	1	LOW QPSK	23.22	23.09	22.97	23.00
			MID QPSK	22.42	22.86	22.77	23.00
			HIGH QPSK	23.23	23.12	23.00	23.00

LTE BS-Level1 Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	18.78	18.77	18.64	20.00
			MID QPSK	18.84	18.87	18.67	20.00
			HIGH QPSK	18.76	18.71	18.63	20.00
	3	1	LOW QPSK	18.87	18.87	18.67	20.00
			MID QPSK	18.11	18.88	18.82	20.00
			HIGH QPSK	18.10	18.65	18.85	20.00
1.4	1	1	LOW QPSK	18.77	18.88	18.88	20.00
			MID QPSK	18.84	19.01	19.38	20.00
			HIGH QPSK	18.64	19.12	19.23	20.00
	3	1	LOW QPSK	18.86	19.03	19.84	20.00
			MID QPSK	18.26	19.03	19.84	20.00
			HIGH QPSK	18.10	19.08	19.88	20.00
1.4	1	1	LOW QPSK	18.77	18.77	18.67	20.00
			MID QPSK	18.74	19.00	19.00	20.00
			HIGH QPSK	18.67	18.66	18.39	20.00
	3	1	LOW QPSK	18.88	18.88	18.64	20.00
			MID QPSK	18.08	19.00	19.86	20.00
			HIGH QPSK	18.89	18.88	18.02	20.00

LTE BS-Level2 Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	23.10	22.98	23.14	24.00
			MID QPSK	23.29	22.95	23.14	24.00
			HIGH QPSK	23.45	23.21	22.95	24.00
	3	1	LOW QPSK	23.34	23.29	22.94	24.00
			MID QPSK	23.18	23.11	22.94	24.00
			HIGH QPSK	23.36	23.48	23.24	24.00
1.4	1	1	LOW QPSK	23.18	23.09	23.19	24.00
			MID QPSK	23.46	23.06	23.24	24.00
			HIGH QPSK	23.28	23.42	23.19	24.00
	3	1	LOW QPSK	23.29	23.09	22.86	24.00
			MID QPSK	23.46	23.06	22.86	24.00
			HIGH QPSK	23.28	23.42	23.23	24.00
1.4	1	1	LOW QPSK	22.45	22.45	21.98	23.00
			MID QPSK	22.19	22.04	22.09	23.00
			HIGH QPSK	22.42	21.99	22.19	23.00
	3	1	LOW QPSK	22.46	22.06	22.19	23.00
			MID QPSK	21.52	21.16	21.02	22.00
			HIGH QPSK	22.47	21.98	21.16	22.00

LTE BS-Full Power Ant.(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	23.15	23.33	22.87	24.00
			MID QPSK	23.22	23.09	23.19	24.00
			HIGH QPSK	23.13	22.87	23.02	24.00
	3	1	LOW QPSK	23.22	23.11	22.87	24.00
			MID QPSK	23.28	23.22	22.98	24.00
			HIGH QPSK	23.40	23.09	23.27	24.00
1.4	1	1	LOW QPSK	23.48	23.24	23.47	24.00
			MID QPSK	23.24	23.07	23.04	24.00
			HIGH QPSK	23.12	23.43	22.97	24.00
	3	1	LOW QPSK	23.10	23.37	23.27	24.00
			MID QPSK	23.18	23.18	23.10	24.00
			HIGH QPSK	23.05	23.29	23.34	24.00
1.4	1	1	LOW QPSK	23.27	23.11	23.11	24.00
			MID QPSK	22.32	22.35	22.30	23.00
			HIGH QPSK	23.22	22.54	22.18	23.00
	3	1	LOW QPSK	23.09	22.42	22.03	23.00
			MID QPSK	22.23	22.15	22.29	23.00
			HIGH QPSK	22.91	22.12	22.25	23.00

LTE BS-Level1 Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	23.15	23.33	22.87	24.00
			MID QPSK	23.22	23.09	23.19	24.00
			HIGH QPSK	23.13	22.87	23.02	24.00
	3	1	LOW QPSK	23.22	23.11	22.87	24.00
			MID QPSK	23.28	23.22	22.98	24.00
			HIGH QPSK	23.40	23.09	23.27	24.00
1.4	1	1	LOW QPSK	23.48	23.24	23.47	24.00
			MID QPSK	23.24	23.07	23.04	24.00
			HIGH QPSK	23.12	23.43	22.97	24.00
	3	1	LOW QPSK	23.10	23.37	23.27	24.00
			MID QPSK	23.18	23.18	23.10	24.00
			HIGH QPSK	23.05	23.29	23.34	24.00
1.4	1	1	LOW QPSK	23.27	23.11	23.11	24.00
			MID QPSK	22.32	22.35	22.30	23.00
			HIGH QPSK	23.22	22.54	22.18	23.00
	3	1	LOW QPSK	23.09	22.42	22.03	23.00
			MID QPSK	22.23	22.15	22.29	23.00
			HIGH QPSK	22.91	22.12	22.25	23.00

LTE BS-Level2 Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power@(Bm)
1.4	1	1	LOW QPSK	23.11	23.25	23.02	24.00
			MID QPSK	23.43	22.97	23.19	24.00
			HIGH QPSK	23.31	23.05	23.28	24.00
	3	1	LOW QPSK	23.60	23.34	23.07	24.00
			MID QPSK	23.51	23.29	23.22	24.00
			HIGH QPSK	23.41	23.28	23.30	24.00
1.4	1	1	LOW QPSK	23.59	23.43	23.11	24.00
			MID QPSK	23.07	23.31	23.19	24.00
			HIGH QPSK	23.08	23.68	23.12	24.00
	3	1	LOW QPSK	23.18	23.51	22.81	24.00
			MID QPSK	23.36	22.42	22.44	24.00
			HIGH QPSK	23.46	22.41	22.42	24.00
1.4	1	1	LOW QPSK	22.50	22.60	22.61	23.00
			MID QPSK	22.54	22.14	22.46	23.00
			HIGH QPSK	22.59	22.15	22.09	23.00
	3	1	LOW QPSK	22.17	22.57	23.31	23.00
			MID QPSK	21.92	22.51	22.17	23.00
			HIGH QPSK	21.38	21.53	21.38	23.00
1.4	1	1	LOW QPSK	21.40	21.22	21.41	23.00
			MID QPSK	21.47	21.48	21.23	23.00
			HIGH QPSK	21.53	21.11	21.19	22.00
	3	1	LOW QPSK	21.46	21.46	21.23	23.00
			MID QPSK	21.32	21.27	21.33	24.00
			HIGH QPSK	21.48	21.50	21.26	24.00
1.4	1	1	LOW QPSK	23.48	23.24	23.04	24.00
			MID QPSK	23.32	23.27	23.33	24.00
			HIGH QPSK	23.48	23.00	22.96	24.00
	3	1	LOW QPSK	23.24	23.24	23.16	24.00
			MID QPSK	23.41	23.47	23.16	24.00
			HIGH QPSK	23.39	23.42	23.28	24.00
1.4	1	1	LOW QPSK	23.48	23.21	23.20	24.00
			MID QPSK	23.50	23.31	22.98	24.00
			HIGH QPSK	23.20	23.39	23.25	24.00
	3	1	LOW QPSK	23.36	23.45	23.08	24.00
			MID QPSK	22.56	22.39	22.21	23.00
			HIGH QPSK	23.29	22.98	22.47	23.00
1.4	1	1	LOW QPSK	23.48	23.48	23.39	23.00
			MID QPSK	22.46	22.46	22.46	23.00
			HIGH QPSK	22.46	22.41	22.14	23.00
	3	1	LOW QPSK	22.13	22.33	22.16	23.00
			MID QPSK	22.04	22.04	21.92	23.00
			HIGH QPSK	22.15	22.05	22.04	23.00
1.4	1	1	LOW QPSK	21.30	21.46	21.35	23.00
			MID QPSK	21.53	21.11	21.19	22.00
			HIGH QPSK	21.34	21.46	21.21	23.00
	3	1	LOW QPSK	21.42	21.38	21.32	22.00
			MID QPSK	21.46	21.28	21.24	24.00
			HIGH QPSK	21.48	21.48	21.32	24.00
1.4	1	1	LOW QPSK	23.40	23.30	23.21	24.00
			MID QPSK	23.46	23.28	23.23	24.00
			HIGH QPSK	23.42	22.92	23.03	24.00
	3	1	LOW QPSK	23.53	23.37	23.34	24.00
			MID QPSK	23.47	23.40	23.10	24.00
			HIGH QPSK	23.61	23.32	23.32	24.00
1.4	1	1	LOW QPSK	23.47	23.46	23.14	24.00
			MID QPSK	23.28	23.36	23.07	24.00
			HIGH QPSK	23.44	23.41	23.19	24.00
	3	1	LOW QPSK	23.23	23.48	23.18	24.00
			MID QPSK	22.99	22.23	22.26	23.00
			HIGH QPSK	23.24	23.41	23.19	24.00
1.4	1	1	LOW QPSK	22.56	22.48	22.39	23.00
			MID QPSK	22.40	22.40	22.40	23.00
			HIGH QPSK	22.56	22.41	22.17	23.00
	3	1	LOW QPSK	22.33	22.57	21.95	23.00
			MID QPSK	21.98	22.26	22.09	23.00
			HIGH QPSK	22.37	22.14	21.35	23.00
1.4	1	1	LOW QPSK	21.60	21.32	21.32	23.00
			MID QPSK	21.43	21.14	21.35	23.00
			HIGH QPSK	21.60	21.32	21.32	23.00
	3	1	LOW QPSK	21.23	21.23	21.43	23.00
			MID QPSK	21.39	21.45	21.19	22.00
			HIGH QPSK	21.39	21.45	21.19	22.00

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Full Power -Ant.0 and LTE B12-Level1 -Ant.0.

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Level1 -Ant.0 and LTE B12-Level2 -Ant.1.

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Level2 -Ant.1 and LTE B12-Full Power -Ant.0.

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Full Power -Ant.0 and LTE B12-Level1 -Ant.0.

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Level1 -Ant.0 and LTE B12-Level2 -Ant.1.

Table with columns: Bandwidth (MHz), RB Size, RB offset, Modulation, 23017, 23095, 23173, Time-up power(dBm). Rows include LTE B12-Level2 -Ant.1 and LTE B12-Full Power -Ant.0.

8.3.6 LTE Band17 Output Power

LTE B17-Full Power -Ant1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	24.20	23.89	24.13	25.00
		MID	QPSK	24.01	24.05	24.14	25.00
		HIGH	QPSK	24.06	24.03	23.96	25.00
	12	LOW	QPSK	23.59	23.90	23.85	24.00
		MID	QPSK	23.21	23.03	23.18	24.00
		HIGH	QPSK	23.23	23.24	23.12	24.00
	25	LOW	QPSK	23.34	23.59	23.25	24.00
		LOW	Q16	23.32	23.03	23.51	24.00
		MID	Q16	23.22	23.04	23.53	24.00
	5	1	LOW	Q16	23.64	23.15	23.45
MID			Q16	22.30	22.22	22.21	23.00
HIGH			Q16	22.41	22.28	22.14	23.00
12		LOW	Q16	22.41	21.93	22.20	23.00
		MID	Q16	22.20	22.19	22.21	23.00
		HIGH	Q16	22.20	22.19	22.21	23.00
25		LOW	64QAM	22.16	21.86	22.49	23.00
		MID	64QAM	22.14	21.81	22.41	23.00
		HIGH	64QAM	22.01	22.13	22.63	23.00
5		1	LOW	64QAM	21.47	21.19	21.17
	MID		64QAM	21.16	21.31	21.22	22.00
	HIGH		64QAM	21.15	20.96	21.24	22.00
	12	LOW	64QAM	21.15	20.96	21.24	22.00
		MID	64QAM	21.15	20.96	21.24	22.00
		HIGH	64QAM	21.15	20.96	21.24	22.00
	25	LOW	64QAM	21.15	20.96	21.24	22.00
		MID	64QAM	21.15	20.96	21.24	22.00
		HIGH	64QAM	21.15	20.96	21.24	22.00

LTE B17-Full Power -Ant0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
		LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
	5	1	LOW	Q16	23.16	22.96	23.75
LOW			Q16	22.34	22.40	22.30	23.00
MID			Q16	22.39	22.24	22.27	23.00
12		LOW	Q16	22.54	22.38	22.44	23.00
		LOW	Q16	22.26	22.13	22.31	23.00
		MID	64QAM	22.43	22.11	22.47	23.00
25		LOW	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
		LOW	64QAM	21.28	21.14	21.26	22.00
5		1	LOW	64QAM	21.38	21.18	21.36
	MID		64QAM	21.26	21.17	21.22	22.00
	HIGH		64QAM	21.48	21.35	21.43	22.00
	12	LOW	64QAM	21.48	21.35	21.43	22.00
		MID	64QAM	21.48	21.35	21.43	22.00
		HIGH	64QAM	21.48	21.35	21.43	22.00
	25	LOW	64QAM	21.48	21.35	21.43	22.00
		MID	64QAM	21.48	21.35	21.43	22.00
		HIGH	64QAM	21.48	21.35	21.43	22.00

LTE B17-Level1 -Ant1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	22.93	22.64	22.83	24.00
		MID	QPSK	22.60	22.80	22.79	24.00
		HIGH	QPSK	22.91	22.38	22.58	24.00
	12	LOW	QPSK	22.53	23.21	23.81	24.00
		MID	QPSK	22.86	22.81	22.69	24.00
		HIGH	QPSK	22.89	22.76	22.85	24.00
	25	LOW	QPSK	22.96	22.72	22.75	24.00
		LOW	Q16	22.60	22.89	22.71	24.00
		MID	Q16	22.68	22.89	22.83	24.00
	5	1	LOW	Q16	22.63	22.83	22.74
MID			Q16	21.81	21.81	21.93	23.00
HIGH			Q16	21.82	21.85	21.83	23.00
12		LOW	Q16	21.76	21.82	21.84	23.00
		MID	Q16	21.58	21.79	21.84	23.00
		HIGH	Q16	21.72	21.75	21.97	23.00
25		LOW	64QAM	21.70	21.71	21.95	23.00
		HIGH	64QAM	21.74	21.85	21.58	23.00
		LOW	64QAM	20.87	20.91	20.98	22.00
5		1	LOW	64QAM	20.83	20.87	20.90
	MID		64QAM	20.83	20.77	20.76	22.00
	HIGH		64QAM	20.83	20.77	20.76	22.00
	12	LOW	64QAM	20.83	20.77	20.76	22.00
		MID	64QAM	20.83	20.77	20.76	22.00
		HIGH	64QAM	20.83	20.77	20.76	22.00
	25	LOW	64QAM	20.83	20.77	20.76	22.00
		MID	64QAM	20.83	20.77	20.76	22.00
		HIGH	64QAM	20.83	20.77	20.76	22.00

LTE B17-Level1 -Ant0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
		LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
	5	1	LOW	Q16	23.16	22.96	23.75
LOW			Q16	22.34	22.40	22.30	23.00
MID			Q16	22.39	22.24	22.27	23.00
12		LOW	Q16	22.54	22.38	22.44	23.00
		LOW	Q16	22.26	22.13	22.31	23.00
		MID	64QAM	22.43	22.11	22.47	23.00
25		LOW	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
		LOW	64QAM	21.28	21.14	21.26	22.00
5		1	LOW	64QAM	21.38	21.18	21.36
	MID		64QAM	21.26	21.17	21.22	22.00
	HIGH		64QAM	21.48	21.35	21.43	22.00
	12	LOW	64QAM	21.48	21.35	21.43	22.00
		MID	64QAM	21.48	21.35	21.43	22.00
		HIGH	64QAM	21.48	21.35	21.43	22.00
	25	LOW	64QAM	21.48	21.35	21.43	22.00
		MID	64QAM	21.48	21.35	21.43	22.00
		HIGH	64QAM	21.48	21.35	21.43	22.00

LTE B17-Level2 -Ant1							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	24.20	23.89	24.13	25.00
		MID	QPSK	24.01	24.05	24.14	25.00
		HIGH	QPSK	24.06	24.03	23.96	25.00
	12	LOW	QPSK	23.59	23.90	23.85	24.00
		MID	QPSK	23.21	23.03	23.18	24.00
		HIGH	QPSK	23.23	23.24	23.12	24.00
	25	LOW	QPSK	23.34	23.59	23.25	24.00
		LOW	Q16	23.32	23.03	23.51	24.00
		MID	Q16	23.22	23.04	23.53	24.00
	5	1	LOW	Q16	23.64	23.15	23.45
MID			Q16	22.30	22.22	22.21	23.00
HIGH			Q16	22.41	22.28	22.14	23.00
12		LOW	Q16	22.41	21.93	22.20	23.00
		MID	Q16	22.20	22.19	22.21	23.00
		HIGH	Q16	22.20	22.19	22.21	23.00
25		LOW	64QAM	22.16	21.86	22.49	23.00
		MID	64QAM	22.14	21.81	22.41	23.00
		HIGH	64QAM	22.01	22.13	22.63	23.00
5		1	LOW	64QAM	21.47	21.19	21.17
	MID		64QAM	21.16	21.31	21.22	22.00
	HIGH		64QAM	21.15	20.96	21.24	22.00
	12	LOW	64QAM	21.15	20.96	21.24	22.00
		MID	64QAM	21.15	20.96	21.24	22.00
		HIGH	64QAM	21.15	20.96	21.24	22.00
	25	LOW	64QAM	21.15	20.96	21.24	22.00
		MID	64QAM	21.15	20.96	21.24	22.00
		HIGH	64QAM	21.15	20.96	21.24	22.00

LTE B17-Level2 -Ant0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Turn-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
		LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
	5	1	LOW	Q16	23.16	22.96	23.75
LOW			Q16	22.34	22.40	22.30	23.00
MID			Q16	22.39	22.24	22.27	23.00
12		LOW	Q16	22.54	22.38	22.44	23.00
		LOW	Q16	22.26	22.13	22.31	23.00
		MID	64QAM	22.43	22.11	22.47	23.00
25		LOW	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
		LOW	64QAM	21.28	21.14	21.26	22.00
5		1	LOW	64QAM	21.38	21.18	21.36
	MID		64QAM	21.26	21.17	21.22	22.00
	HIGH		64QAM	21.48	21.35	21.43	22.00
	12	LOW	64QAM	21.48	21.35	21.43	22.00

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Full Power Ant.1(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Level1 Ant.1(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Level2 Ant.1(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Full Power Ant.0(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Full Power Ant.0(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Bandwidth (MHz), RB Set, RB offset, Modulation, 26067, 26065, 27033, Turn-up power(dBm). Rows include LTE B26-Level2 Ant.0(Only for ENDC) for various RB sets (1, 3, 6, 8, 12, 15, 25, 36, 38, 42, 50, 75).

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with columns: Model, Part No., Description, and various technical specifications. Includes sub-headers for 'LTE Baseband Antenna for ENDC' and 'LTE Baseband Antenna for ENDC'.

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

Table with 10 columns: Bandwidth (MHz), RB Size, RB Index, Modulation, MIMO, Power (dBm), Power (W), Power (mW), Power (dBm), Power (W), Power (mW). Rows are grouped by bandwidth (5, 10, 15, 20 MHz) and RB size (1, 2, 3, 4, 6, 8, 12, 16, 24, 36, 48, 72, 144).

8.4 Intra-Band Uplink CA Power

- Note:
1. This device supports intra-band uplink CA of 7C/3B/C4/1C
 2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.521-1 section 6.2.2A.1 and section 6.2.2A.2 test procedure.
 3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

Full Power														
LTE Uplink CA, Band 7-AN70														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3850	21048	20	QPSK	1	0	1	0	1	0	1	0	2	23.27	24.30
2110	26062	20	QPSK	1	0	1	0	1	0	1	0	2	23.32	24.30
2130	21152	20	QPSK	1	0	1	0	1	0	1	0	2	23.33	24.30

Lowest														
LTE Uplink CA, Band 7-AN71														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3850	21048	20	QPSK	1	0	1	0	1	0	1	0	2	14.49	16.70
2110	26062	20	QPSK	1	0	1	0	1	0	1	0	2	14.24	16.70
2130	21152	20	QPSK	1	0	1	0	1	0	1	0	2	14.41	16.70

Lowest														
LTE Uplink CA, Band 7-AN74														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3850	21048	20	QPSK	1	0	1	0	1	0	1	0	2	17.62	18.30
2110	26062	20	QPSK	1	0	1	0	1	0	1	0	2	17.47	18.30
2130	21152	20	QPSK	1	0	1	0	1	0	1	0	2	17.41	18.30

Full Power														
LTE Uplink CA, Band 38-AN70														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3760	38048	20	QPSK	1	0	1	0	1	0	1	0	2	23.67	24.30
3820	37062	20	QPSK	1	0	1	0	1	0	1	0	2	23.73	24.30
3810	37062	20	QPSK	1	0	1	0	1	0	1	0	2	23.61	24.30

Lowest														
LTE Uplink CA, Band 38-AN71														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3760	38048	20	QPSK	1	0	1	0	1	0	1	0	2	13.11	16.50
3820	37062	20	QPSK	1	0	1	0	1	0	1	0	2	12.92	16.50
3810	37062	20	QPSK	1	0	1	0	1	0	1	0	2	13.23	16.50

Lowest														
LTE Uplink CA, Band 38-AN74														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3760	38048	20	QPSK	1	0	1	0	1	0	1	0	2	19.48	21.60
3820	37062	20	QPSK	1	0	1	0	1	0	1	0	2	19.25	21.60
3810	37062	20	QPSK	1	0	1	0	1	0	1	0	2	19.33	21.60

Full Power														
LTE Uplink CA, Band 41-AN70														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3970	39048	20	QPSK	1	0	1	0	1	0	1	0	2	23.33	24.30
4030	40332	20	QPSK	1	0	1	0	1	0	1	0	2	23.43	24.30
4020	40818	20	QPSK	1	0	1	0	1	0	1	0	2	23.58	24.30
4100	40887	20	QPSK	1	0	1	0	1	0	1	0	2	23.67	24.30
4160	41202	20	QPSK	1	0	1	0	1	0	1	0	2	23.50	24.30

Lowest														
LTE Uplink CA, Band 41-AN71														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3970	39048	20	QPSK	1	0	1	0	1	0	1	0	2	15.00	16.50
4030	40332	20	QPSK	1	0	1	0	1	0	1	0	2	13.78	16.50
4020	40818	20	QPSK	1	0	1	0	1	0	1	0	2	15.03	16.50
4100	40887	20	QPSK	1	0	1	0	1	0	1	0	2	15.22	16.50
4160	41202	20	QPSK	1	0	1	0	1	0	1	0	2	15.16	16.50

Lowest														
LTE Uplink CA, Band 41-AN74														
Combination 20MHz+20MHz+100RB+100RB														
PCC	SCC	Bandwidth	Modulation	PCC				SCC				Total RB Size	Measured Power(dBm)	Max. tune up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.	RB Size	RB Pos.			
3970	39048	20	QPSK	1	0	1	0	1	0	1	0	2	19.94	21.60
4030	40332	20	QPSK	1	0	1	0	1	0	1	0	2	19.44	21.60
4020	40818	20	QPSK	1	0	1	0	1	0	1	0	2	19.82	21.60
4100	40887	20	QPSK	1	0	1	0	1	0	1	0	2	19.97	21.60
4160	41202	20	QPSK	1	0	1	0	1	0	1	0	2	19.88	21.60

8.5 NR Output Power

N5-ANT0 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	166300	167300	169300	25.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	166800	167300	168800	25.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	25.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	25.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	24.52	24.55	24.54	25.20
		1	53	24.31	24.68	24.35	25.20
20	DFT-s-OFDM QPSK	1	104	24.64	24.62	24.56	25.20
		50	0	24.34	24.65	24.54	25.20
20	DFT-s-OFDM QPSK	50	28	24.66	24.55	24.45	25.20
		50	56	24.40	24.66	24.38	25.20
20	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
		1	1	23.72	23.80	23.76	24.20
20	DFT-s-OFDM 16QAM	1	1	22.53	22.49	22.27	22.70
		1	1	20.04	20.28	20.12	20.70
20	DFT-s-OFDM 16QAM	1	1	23.55	23.47	23.24	23.70
		1	1	22.82	22.78	23.05	23.20
20	CP-OFDM 16QAM	1	1	21.27	21.10	21.03	21.70
		1	1	18.41	18.33	18.48	18.70

N5-ANT0 Level1(Only for SA)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	165300	167300	169300	25.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	165800	167300	168800	25.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	25.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	25.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	24.52	24.68	24.54	25.20
		1	53	24.31	24.55	24.35	25.20
20	DFT-s-OFDM QPSK	1	104	24.64	24.62	24.56	25.20
		50	0	24.34	24.66	24.54	25.20
20	DFT-s-OFDM QPSK	50	28	24.63	24.55	24.45	25.20
		50	56	24.40	24.65	24.38	25.20
20	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
		1	1	23.72	23.80	23.76	24.20
20	DFT-s-OFDM 16QAM	1	1	22.53	22.49	22.27	22.70
		1	1	20.04	20.28	20.12	20.70
20	DFT-s-OFDM 16QAM	1	1	23.55	23.47	23.24	23.70
		1	1	22.82	22.78	23.05	23.20
20	CP-OFDM 16QAM	1	1	21.27	21.10	21.03	21.70
		1	1	18.41	18.33	18.48	18.70

N5-ANT0 Level2(Only for SA)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	165300	167300	169300	25.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	165800	167300	168800	25.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	25.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	25.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	24.52	24.55	24.54	25.20
		1	53	24.31	24.54	24.35	25.20
20	DFT-s-OFDM QPSK	1	104	24.64	24.62	24.56	25.20
		50	0	24.34	24.65	24.54	25.20
20	DFT-s-OFDM QPSK	50	28	24.43	24.55	24.45	25.20
		50	56	24.40	24.61	24.38	25.20
20	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
		1	1	23.72	23.80	23.76	24.20
20	DFT-s-OFDM 16QAM	1	1	22.53	22.49	22.27	22.70
		1	1	20.04	20.28	20.12	20.70
20	DFT-s-OFDM 16QAM	1	1	23.55	23.47	23.24	23.70
		1	1	22.82	22.78	23.05	23.20
20	CP-OFDM 16QAM	1	1	21.27	21.10	21.03	21.70
		1	1	18.41	18.33	18.48	18.70

N5-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	166300	167300	169300	24.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	166800	167300	168800	24.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	24.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	24.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	23.55	23.65	23.49	24.20
		1	53	23.25	23.63	23.47	24.20
20	DFT-s-OFDM QPSK	1	104	23.34	23.69	23.64	24.20
		50	0	23.36	23.74	23.52	24.20
20	DFT-s-OFDM QPSK	50	28	23.71	23.51	23.66	24.20
		50	56	23.60	23.63	23.52	24.20
20	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
		1	1	23.46	23.61	23.58	24.20
20	DFT-s-OFDM 16QAM	1	1	22.37	22.41	22.28	22.70
		1	1	19.97	20.19	19.81	20.70
20	DFT-s-OFDM 16QAM	1	1	23.29	23.36	23.00	23.70
		1	1	22.61	22.67	22.83	23.20
20	CP-OFDM 16QAM	1	1	21.07	21.06	20.89	21.70
		1	1	18.19	18.11	18.45	18.70

N5-ANT0 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	165300	167300	169300	24.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	165800	167300	168800	24.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	24.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	24.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	23.55	23.74	23.49	24.20
		1	53	23.25	23.63	23.47	24.20
20	DFT-s-OFDM QPSK	1	104	23.65	23.69	23.64	24.20
		50	0	23.36	23.74	23.52	24.20
20	DFT-s-OFDM QPSK	50	28	23.71	23.51	23.56	24.20
		50	56	23.60	23.63	23.52	24.20
20	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
		1	1	23.46	23.61	23.58	24.20
20	DFT-s-OFDM 16QAM	1	1	22.37	22.41	22.28	22.70
		1	1	19.97	20.19	19.81	20.70
20	DFT-s-OFDM 16QAM	1	1	23.29	23.36	23.00	23.70
		1	1	22.61	22.67	22.83	23.20
20	CP-OFDM 16QAM	1	1	21.07	21.06	20.89	21.70
		1	1	18.19	18.11	18.45	18.70

N5-ANT0 Level2(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel			Tune-up power (dBm)		
		RB Size	RB offset	Channel			
5	DFT-s-OFDM QPSK	165300	167300	169300	24.20		
		829	836.5	844			
10	DFT-s-OFDM QPSK	165800	167300	168800	24.20		
		829	836.5	844			
15	DFT-s-OFDM QPSK	166300	167300	168300	24.20		
		811.5	836.5	841.5			
20	DFT-s-OFDM QPSK	166800	167300	167800	24.20		
		834	836.5	839			
20	DFT-s-OFDM QPSK	1	1	23.55	23.65	23.74	24.20
		1	53	23.25	23.63	23.47	24.20
20	DFT-s-OFDM QPSK	1	104	23.59	23.69	23.64	24.20
		50	0	23.36	23.52	23.74	24.20
20	DFT-s-OFDM QPSK	50	28	23.71	23.51	23.58	24.20
		50	56	23.60	23.63	23.52	24.20
20	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
		1	1	23.46	23.61	23.58	24.20
20	DFT-s-OFDM 16QAM	1	1	22.37	22.41	22.28	22.70
		1	1	19.97	20.19	19.81	20.70
20	DFT-s-OFDM 16QAM	1	1	23.29	23.36	23.00	23.70
		1	1	22.61	22.67	22.83	23.20
20	CP-OFDM 16QAM	1	1	21.07	21.06	20.89	21.70
		1	1	18.19	18.11	18.45	18.70

N5-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.40			
					20.49	24.49	24.34	25.20			
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.30			
					24.30	24.59	24.31	25.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.30			
					24.30	24.61	24.34	25.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.40			
					24.45	24.66	24.40	25.20			
					53	24.38	24.40	24.37	25.20		
					104	24.53	24.32	24.36	25.20		
					50	24.61	24.39	24.35	25.20		
					50	28	24.48	24.41	25.20		
					50	56	24.49	24.46	24.41	25.20	
					100	0	23.61	23.74	23.68	24.20	
					DFT-s-OFDM 16QAM	1	1	23.59	23.63	23.54	24.20
					DFT-s-OFDM 64QAM	1	1	23.51	22.49	23.30	22.70
					DFT-s-OFDM 256QAM	1	1	19.87	20.00	20.15	20.70
					CP-OFDM QPSK	1	1	21.28	22.03	22.09	23.20
CP-OFDM 16QAM	1	1	21.61	22.03	22.09	23.20					
CP-OFDM 64QAM	1	1	21.28	20.84	21.13	21.70					
CP-OFDM 256QAM	1	1	18.28	18.82	18.35	18.70					

N5-ANT1 Level1(Only for SA)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	20.49			
					20.49	20.68	20.59	21.20			
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	20.45			
					20.45	20.68	20.51	21.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	20.41			
					20.41	20.79	20.53	21.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	20.54			
					20.54	20.79	20.63	21.20			
					53	20.37	20.47	20.60	21.20		
					104	20.38	20.59	20.53	21.20		
					50	0	20.54	20.66	20.53	21.20	
					50	28	20.38	20.57	20.52	21.20	
					50	56	20.39	20.63	20.52	21.20	
					100	0	20.59	20.48	20.48	21.20	
					DFT-s-OFDM 16QAM	1	1	20.47	20.37	20.45	21.20
					DFT-s-OFDM 64QAM	1	1	20.55	20.38	20.34	21.20
					DFT-s-OFDM 256QAM	1	1	19.74	19.73	19.61	20.70
					CP-OFDM QPSK	1	1	20.40	20.60	20.58	21.20
CP-OFDM 16QAM	1	1	20.45	20.39	20.43	21.20					
CP-OFDM 64QAM	1	1	20.68	20.35	20.34	21.20					
CP-OFDM 256QAM	1	1	17.46	17.46	17.75	18.70					

N5-ANT1 Level2(Only for SA)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.40			
					24.40	24.49	24.34	25.20			
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.30			
					24.30	24.59	24.31	25.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.30			
					24.30	24.61	24.34	25.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	24.40			
					24.45	24.66	24.40	25.20			
					53	24.38	24.40	24.37	25.20		
					104	24.53	24.32	24.36	25.20		
					50	0	24.66	24.61	24.35	25.20	
					50	28	24.48	24.39	24.41	25.20	
					50	56	24.49	24.46	24.41	25.20	
					100	0	23.61	23.74	23.68	24.20	
					DFT-s-OFDM 16QAM	1	1	23.12	23.13	23.16	24.20
					DFT-s-OFDM 64QAM	1	1	21.54	21.61	21.67	22.70
					DFT-s-OFDM 256QAM	1	1	19.85	19.87	19.86	20.70
					CP-OFDM QPSK	1	1	22.53	22.47	22.41	23.70
CP-OFDM 16QAM	1	1	22.45	22.38	22.40	23.20					
CP-OFDM 64QAM	1	1	20.65	20.43	20.49	21.70					
CP-OFDM 256QAM	1	1	17.59	17.66	17.82	18.70					

N5-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.52			
					23.57	23.52	24.20				
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.44			
					23.44	23.58	23.46	24.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.45			
					23.45	23.54	23.35	24.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.61			
					23.61	23.88	23.34	24.20			
					53	23.52	23.58	23.39	24.20		
					104	23.58	23.50	23.45	24.20		
					50	0	23.60	23.48	23.39	24.20	
					50	28	23.68	23.77	23.51	24.20	
					50	56	23.50	23.58	23.67	24.20	
					100	0	23.83	23.80	23.88	24.20	
					DFT-s-OFDM 16QAM	1	1	23.39	23.49	23.49	24.20
					DFT-s-OFDM 64QAM	1	1	22.19	22.44	22.25	22.70
					DFT-s-OFDM 256QAM	1	1	19.57	19.86	20.07	20.70
					CP-OFDM QPSK	1	1	22.91	23.03	23.04	23.70
CP-OFDM 16QAM	1	1	22.42	22.05	22.38	23.20					
CP-OFDM 64QAM	1	1	21.19	20.57	20.50	21.70					
CP-OFDM 256QAM	1	1	18.27	18.34	18.20	18.70					

N5-ANT1 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	18.29			
					18.29	18.40	18.41	19.20			
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	18.31			
					18.31	18.51	18.25	19.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	18.29			
					18.29	18.44	18.37	19.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	18.45			
					18.45	18.58	18.43	19.20			
					53	18.39	18.54	18.50	19.20		
					104	18.39	18.42	18.48	19.20		
					50	0	18.53	18.66	18.34	19.20	
					50	28	18.44	18.45	18.42	19.20	
					50	56	18.41	18.50	18.43	19.20	
					100	0	18.57	18.61	18.57	19.20	
					DFT-s-OFDM 16QAM	1	1	18.52	18.55	18.62	19.20
					DFT-s-OFDM 64QAM	1	1	18.69	18.45	18.44	19.20
					DFT-s-OFDM 256QAM	1	1	18.62	18.53	18.34	19.20
					CP-OFDM QPSK	1	1	18.58	18.54	18.38	19.20
CP-OFDM 16QAM	1	1	18.47	18.59	18.44	19.20					
CP-OFDM 64QAM	1	1	18.52	18.65	18.49	19.20					
CP-OFDM 256QAM	1	1	17.57	17.55	17.81	18.70					

N5-ANT1 Level2(Only for ENDC)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel	16300	16700	16900	Tune-up power			
5	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.43			
					23.43	23.58	23.46	24.20			
10	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.44			
					23.44	23.58	23.46	24.20			
15	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.45			
					23.45	23.54	23.36	24.20			
20	DFT-s-OFDM QPSK	1	1		16300	16700	16900	23.51			
					23.51	23.81	23.34	24.20			
					53	23.52	23.58	23.39	24.20		
					104	23.58	23.50	23.45	24.20		
					50	0	23.77	23.48	23.39	24.20	
					50	28	23.60	23.60	23.51	24.20	
					50	56	23.50	23.58	23.67	24.20	
					100	0	23.83	23.80	23.88	24.20	
					DFT-s-OFDM 16QAM	1	1	23.39	23.49	23.49	24.20
					DFT-s-OFDM 64QAM	1	1	22.19	22.44	22.25	22.70
					DFT-s-OFDM 256QAM	1	1	19.57	19.86	20.07	20.70
					CP-OFDM QPSK	1	1	22.91	23.03	23.04	23.70
CP-OFDM 16QAM	1	1	22.42	22.05	22.38	23.20					
CP-OFDM 64QAM	1	1	21.19	20.57	20.50	21.70					
CP-OFDM 256QAM	1	1	18.27	18.34	18.20	18.70					

N7-ANT0 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.18	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.26	22.99	24.20
			50	0	22.93	23.01	22.96	24.20
			50	28	23.21	23.08	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.81	20.77	21.70
			1	1	18.71	18.67	18.86	19.70
			1	1	21.65	21.60	21.60	22.70
			1	1	21.11	21.22	21.08	22.20
			1	1	19.61	19.68	19.55	20.70
			1	1	16.85	16.51	16.82	17.70

N7-ANT0 Level1(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.26	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.18	22.99	24.20
			50	0	23.21	23.01	22.96	24.20
			50	28	23.05	23.09	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.81	20.77	21.70
			1	1	18.71	18.67	18.86	19.70
			1	1	21.65	21.60	21.60	22.70
			1	1	21.11	21.22	21.08	22.20
			1	1	19.61	19.68	19.55	20.70
			1	1	16.85	16.51	16.82	17.70

N7-ANT0 Level2(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.26	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.18	22.99	24.20
			50	0	23.21	23.01	22.96	24.20
			50	28	23.05	23.09	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.82	20.77	21.70
			1	1	18.51	18.46	18.00	19.70
			1	1	20.45	20.74	20.59	21.70
			1	1	20.57	20.54	20.76	21.70
			1	1	19.63	19.71	19.46	20.70
			1	1	16.48	16.57	16.93	17.70

N7-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.18	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.26	22.99	24.20
			50	0	22.93	23.01	22.96	24.20
			50	28	23.21	23.08	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.81	20.77	21.70
			1	1	18.71	18.67	18.86	19.70
			1	1	21.65	21.60	21.60	22.70
			1	1	21.11	21.22	21.08	22.20
			1	1	19.61	19.68	19.55	20.70
			1	1	16.85	16.51	16.82	17.70

N7-ANT0 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.26	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.18	22.99	24.20
			50	0	23.21	23.01	22.96	24.20
			50	28	23.05	23.09	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.81	20.77	21.70
			1	1	18.71	18.67	18.86	19.70
			1	1	21.65	21.60	21.60	22.70
			1	1	21.11	21.22	21.08	22.20
			1	1	19.61	19.68	19.55	20.70
			1	1	16.85	16.51	16.82	17.70

N7-ANT0 Level2(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
10	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20	
15	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.09	24.20	
20	DFT-s-OFDM QPSK	1	1	23.26	23.12	23.23	24.20	
			1	53	23.01	23.23	23.25	24.20
			1	104	23.12	23.18	22.99	24.20
			50	0	23.21	23.01	22.96	24.20
			50	28	23.05	23.09	23.19	24.20
			50	56	23.05	23.17	23.05	24.20
			100	0	21.78	22.17	21.90	23.20
			1	1	22.18	22.03	22.13	23.20
			1	1	20.68	20.82	20.77	21.70
			1	1	18.51	18.46	18.00	19.70
			1	1	20.45	20.74	20.59	21.70
			1	1	20.57	20.54	20.76	21.70
			1	1	19.63	19.71	19.46	20.70
			1	1	16.48	16.57	16.93	17.70

N7-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	23.02	23.03	22.97	24.20	
10	DFT-s-OFDM QPSK	1	1	23.04	23.15	22.88	24.20	
15	DFT-s-OFDM QPSK	1	1	23.04	22.99	22.91	24.20	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	23.29	23.18	23.03	24.20	
	DFT-s-OFDM QPSK	1	53	22.98	23.15	23.04	24.20	
		1	104	22.99	23.13	23.19	24.20	
		50	0	23.15	23.15	23.09	24.20	
	DFT-s-OFDM QPSK	50	28	23.18	22.91	23.10	24.20	
		50	96	23.05	23.20	23.21	24.20	
	DFT-s-OFDM 16QAM	100	0	22.23	22.18	22.34	23.20	
		1	1	21.80	22.25	21.52	23.20	
	DFT-s-OFDM 64QAM	1	1	20.92	20.67	20.65	21.70	
	DFT-s-OFDM 256QAM	1	1	18.64	18.70	18.68	18.70	
	CP-OFDM QPSK	1	1	21.56	21.54	21.61	22.70	
	CP-OFDM 16QAM	1	1	21.34	21.03	21.28	22.20	
	CP-OFDM 64QAM	1	1	19.82	18.54	19.79	18.70	
	CP-OFDM 256QAM	1	1	16.73	16.30	16.78	17.70	

N7-ANT1 Level1(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	15.62	15.53	15.68	16.70	
10	DFT-s-OFDM QPSK	1	1	15.57	15.61	15.69	16.70	
15	DFT-s-OFDM QPSK	1	1	15.52	15.56	15.57	16.70	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	15.71	15.74	15.61	16.70	
	DFT-s-OFDM QPSK	1	53	15.73	15.60	15.56	16.70	
		1	104	15.50	15.66	15.45	16.70	
		50	0	15.58	15.68	15.44	16.70	
	DFT-s-OFDM QPSK	50	28	15.61	15.61	15.56	16.70	
		50	96	15.50	15.57	15.44	16.70	
	DFT-s-OFDM 16QAM	100	0	15.63	15.55	15.65	16.70	
		1	1	15.61	15.62	15.57	16.70	
	DFT-s-OFDM 64QAM	1	1	15.43	15.61	15.61	16.70	
	DFT-s-OFDM 256QAM	1	1	15.68	15.49	15.49	16.70	
	CP-OFDM QPSK	1	1	15.46	15.55	15.59	16.70	
	CP-OFDM 16QAM	1	1	15.41	15.62	15.59	16.70	
	CP-OFDM 64QAM	1	1	15.78	15.42	15.75	16.70	
	CP-OFDM 256QAM	1	1	15.44	15.73	15.53	16.70	

N7-ANT1 Level2(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	17.50	17.64	17.65	18.70	
10	DFT-s-OFDM QPSK	1	1	17.55	17.63	17.62	18.70	
15	DFT-s-OFDM QPSK	1	1	17.46	17.49	17.66	18.70	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	17.60	17.72	17.65	18.70	
	DFT-s-OFDM QPSK	1	53	17.50	17.64	17.58	18.70	
		1	104	17.70	17.67	17.45	18.70	
		50	0	17.41	17.63	17.49	18.70	
	DFT-s-OFDM QPSK	50	28	17.41	17.66	17.41	18.70	
		50	96	17.55	17.47	17.52	18.70	
	DFT-s-OFDM 16QAM	100	0	17.53	17.56	17.45	18.70	
		1	1	17.68	17.58	17.54	18.70	
	DFT-s-OFDM 64QAM	1	1	17.74	17.52	17.68	18.70	
	DFT-s-OFDM 256QAM	1	1	17.62	17.68	17.52	18.70	
	CP-OFDM QPSK	1	1	17.75	17.64	17.41	18.70	
	CP-OFDM 16QAM	1	1	17.76	17.44	17.55	18.70	
	CP-OFDM 64QAM	1	1	17.49	17.66	17.76	18.70	
	CP-OFDM 256QAM	1	1	16.79	16.19	16.83	17.70	

N7-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	23.02	23.03	22.97	24.20	
10	DFT-s-OFDM QPSK	1	1	23.04	23.15	22.88	24.20	
15	DFT-s-OFDM QPSK	1	1	23.04	22.99	22.91	24.20	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	23.29	23.18	23.03	24.20	
	DFT-s-OFDM QPSK	1	53	22.98	23.15	23.04	24.20	
		1	104	22.99	23.13	23.19	24.20	
		50	0	23.15	23.15	23.09	24.20	
	DFT-s-OFDM QPSK	50	28	23.18	22.91	23.10	24.20	
		50	96	23.05	23.20	23.21	24.20	
	DFT-s-OFDM 16QAM	100	0	22.23	22.18	22.34	23.20	
		1	1	21.80	22.25	21.52	23.20	
	DFT-s-OFDM 64QAM	1	1	20.92	20.67	20.65	21.70	
	DFT-s-OFDM 256QAM	1	1	18.64	18.70	18.68	18.70	
	CP-OFDM QPSK	1	1	21.56	21.54	21.61	22.70	
	CP-OFDM 16QAM	1	1	21.34	21.03	21.28	22.20	
	CP-OFDM 64QAM	1	1	19.82	18.54	19.79	18.70	
	CP-OFDM 256QAM	1	1	16.73	16.30	16.78	17.70	

N7-ANT1 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	15.62	15.53	15.68	16.70	
10	DFT-s-OFDM QPSK	1	1	15.57	15.61	15.69	16.70	
15	DFT-s-OFDM QPSK	1	1	15.52	15.56	15.57	16.70	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	15.71	15.74	15.61	16.70	
	DFT-s-OFDM QPSK	1	53	15.73	15.60	15.56	16.70	
		1	104	15.50	15.66	15.45	16.70	
		50	0	15.58	15.68	15.44	16.70	
	DFT-s-OFDM QPSK	50	28	15.61	15.61	15.56	16.70	
		50	96	15.50	15.57	15.44	16.70	
	DFT-s-OFDM 16QAM	100	0	15.63	15.55	15.65	16.70	
		1	1	15.61	15.62	15.57	16.70	
	DFT-s-OFDM 64QAM	1	1	15.43	15.61	15.61	16.70	
	DFT-s-OFDM 256QAM	1	1	15.68	15.49	15.49	16.70	
	CP-OFDM QPSK	1	1	15.46	15.55	15.59	16.70	
	CP-OFDM 16QAM	1	1	15.41	15.62	15.59	16.70	
	CP-OFDM 64QAM	1	1	15.78	15.42	15.75	16.70	
	CP-OFDM 256QAM	1	1	15.44	15.73	15.53	16.70	

N7-ANT1 Level2(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	50000	50700	51300	Tune-up power
5	DFT-s-OFDM QPSK	1	1	17.50	17.64	17.65	18.70	
10	DFT-s-OFDM QPSK	1	1	17.55	17.63	17.62	18.70	
15	DFT-s-OFDM QPSK	1	1	17.46	17.49	17.66	18.70	
		Channel	RB Size	RB offset	50200	50700	51200	Tune-up power
		1	1	17.60	17.72	17.65	18.70	
	DFT-s-OFDM QPSK	1	53	17.50	17.64	17.58	18.70	
		1	104	17.70	17.67	17.45	18.70	
		50	0	17.41	17.63	17.49	18.70	
	DFT-s-OFDM QPSK	50	28	17.41	17.66	17.41	18.70	
		50	96	17.55	17.47	17.52	18.70	
	DFT-s-OFDM 16QAM	100	0	17.53	17.56	17.45	18.70	
		1	1	17.68	17.58	17.54	18.70	
	DFT-s-OFDM 64QAM	1	1	17.74	17.52	17.68	18.70	
	DFT-s-OFDM 256QAM	1	1	17.62	17.68	17.52	18.70	
	CP-OFDM QPSK	1	1	17.75	17.64	17.41	18.70	
	CP-OFDM 16QAM	1	1	17.76	17.44	17.55	18.70	
	CP-OFDM 64QAM	1	1	17.49	17.66	17.76	18.70	
	CP-OFDM 256QAM	1	1	16.79	16.19	16.83	17.70	

N7-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	21.78	21.71	21.75	22.20	
10	DFT-s-OFDM QPSK	1	1	21.90	21.76	21.83	22.20	
15	DFT-s-OFDM QPSK	1	1	21.91	21.79	21.73	22.80	
20	DFT-s-OFDM QPSK	1	1	21.94	21.83	21.50	22.80	
			53	21.81	21.81	21.83	22.80	
			104	21.94	21.82	21.86	22.80	
			50	0	21.77	21.83	21.84	22.80
			50	28	21.05	21.67	21.61	22.80
			50	96	21.02	21.91	21.81	22.80
			100	0	21.39	21.54	21.44	21.80
			1	1	20.89	20.91	20.87	21.80
			1	1	19.18	19.11	19.22	20.30
			1	1	17.50	17.47	17.57	18.30
			1	1	20.34	20.54	20.35	21.30
			1	1	19.84	19.84	20.01	20.80
			1	1	18.39	18.08	18.24	18.30
			1	1	15.81	15.68	15.73	16.30

N7-ANT4 Level1(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	18.07	18.11	18.17	18.30	
10	DFT-s-OFDM QPSK	1	1	18.06	18.03	18.23	18.30	
15	DFT-s-OFDM QPSK	1	1	18.09	18.16	18.14	19.30	
20	DFT-s-OFDM QPSK	1	1	18.33	18.21	18.32	19.30	
			53	18.18	18.27	18.02	19.30	
			104	18.13	18.32	18.27	19.30	
			50	0	18.34	18.13	18.27	19.30
			50	28	18.05	18.10	18.30	19.30
			50	96	18.12	18.21	18.23	19.30
			100	0	18.20	18.08	18.12	19.30
			1	1	18.32	18.13	18.07	19.30
			1	1	18.28	18.08	18.24	19.30
			1	1	17.49	17.35	17.23	18.30
			1	1	18.06	18.29	18.35	19.30
			1	1	18.29	18.21	18.33	19.30
			1	1	18.30	18.17	18.30	19.30
			1	1	15.87	15.68	15.81	16.30

N7-ANT4 Level2(Only for SA)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	17.60	17.74	17.59	18.30	
10	DFT-s-OFDM QPSK	1	1	17.50	17.75	17.60	18.30	
15	DFT-s-OFDM QPSK	1	1	17.54	17.68	17.46	19.30	
20	DFT-s-OFDM QPSK	1	1	17.66	17.81	17.66	19.30	
			53	17.70	17.76	17.55	18.80	
			104	17.61	17.80	17.80	18.80	
			50	0	17.71	17.76	17.59	18.80
			50	28	17.66	17.59	17.57	18.80
			50	96	17.71	17.91	17.56	18.80
			100	0	17.57	17.73	17.69	18.80
			1	1	17.63	17.65	17.53	18.80
			1	1	17.57	17.66	17.69	18.80
			1	1	17.38	17.29	17.68	18.30
			1	1	17.59	17.74	17.57	18.80
			1	1	17.53	17.70	17.59	18.80
			1	1	17.53	17.74	17.65	18.80
			1	1	15.82	15.79	15.77	16.30

N7-ANT4 Full power(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	21.78	21.71	21.75	22.20	
10	DFT-s-OFDM QPSK	1	1	21.90	21.76	21.83	22.20	
15	DFT-s-OFDM QPSK	1	1	21.91	21.79	21.73	22.80	
20	DFT-s-OFDM QPSK	1	1	21.94	21.83	21.50	22.80	
			53	21.81	21.81	21.83	22.20	
			104	21.94	21.82	21.86	22.20	
			50	0	21.77	21.83	21.84	22.20
			50	28	21.05	21.67	21.61	22.20
			50	96	21.02	21.91	21.81	22.20
			100	0	21.39	21.54	21.44	22.20
			1	1	20.89	20.91	20.87	21.80
			1	1	19.18	19.11	19.22	20.70
			1	1	17.50	17.47	17.57	18.70
			1	1	20.34	20.54	20.35	21.70
			1	1	19.84	19.84	20.01	21.20
			1	1	18.39	18.08	18.24	18.70
			1	1	15.81	15.68	15.73	16.30

N7-ANT4 Level1(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	18.07	18.11	18.17	18.30	
10	DFT-s-OFDM QPSK	1	1	18.06	18.03	18.23	18.30	
15	DFT-s-OFDM QPSK	1	1	18.09	18.16	18.14	19.30	
20	DFT-s-OFDM QPSK	1	1	18.33	18.21	18.32	19.30	
			53	18.18	18.27	18.02	19.20	
			104	18.13	18.32	18.27	19.20	
			50	0	18.34	18.13	18.27	19.20
			50	28	18.05	18.10	18.30	19.20
			50	96	18.12	18.21	18.23	19.20
			100	0	18.20	18.08	18.12	19.20
			1	1	18.32	18.13	18.07	19.20
			1	1	18.28	18.08	18.24	19.20
			1	1	17.49	17.35	17.23	18.70
			1	1	18.06	18.29	18.35	19.20
			1	1	18.29	18.21	18.33	19.20
			1	1	18.30	18.17	18.30	19.20
			1	1	15.87	15.68	15.81	16.70

N7-ANT4 Level2(Only for ENDC)

Bandwidth (MHz)	Modulation	Channel	RB Size	RB offset	500500	507000	513500	Time-up power
5	DFT-s-OFDM QPSK	1	1	17.60	17.74	17.59	18.70	
10	DFT-s-OFDM QPSK	1	1	17.50	17.75	17.60	18.70	
15	DFT-s-OFDM QPSK	1	1	17.54	17.68	17.46	19.70	
20	DFT-s-OFDM QPSK	1	1	17.66	17.81	17.66	19.70	
			53	17.70	17.76	17.55	18.70	
			104	17.61	17.80	17.80	18.70	
			50	0	17.71	17.76	17.59	18.70
			50	28	17.66	17.59	17.57	18.70
			50	96	17.71	17.91	17.56	18.70
			100	0	17.57	17.73	17.69	18.70
			1	1	17.63	17.65	17.53	18.70
			1	1	17.57	17.66	17.69	18.70
			1	1	17.38	17.29	17.68	18.70
			1	1	17.59	17.74	17.57	18.70
			1	1	17.53	17.70	17.59	18.70
			1	1	17.53	17.74	17.65	18.70
			1	1	15.82	15.79	15.77	16.70

N38-ANT3 Full power(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	23.07	24.20
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	power		
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	23.01	24.20
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	power		
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	23.14	24.20
		1	53	22.88	23.18	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
	DFT-s-OFDM QPSK	50	0	22.88	22.81	23.07	24.20
		50	28	23.07	23.03	23.03	24.20
		50	98	23.10	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70	
CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70	

N38-ANT0 Level1(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	23.07	24.20
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	power		
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	23.01	24.20
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	power		
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	23.18	24.20
		1	53	22.88	23.14	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
	DFT-s-OFDM QPSK	50	0	22.88	22.81	23.10	24.20
		50	28	23.07	23.03	23.03	24.20
		50	98	23.05	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70	
CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70	

N38-ANT0 Level2(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	23.07	24.20
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	power		
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	23.01	24.20
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	power		
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	23.18	24.20
		1	53	22.88	23.14	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
	DFT-s-OFDM QPSK	50	0	22.88	22.81	23.10	24.20
		50	28	23.07	23.03	23.03	24.20
		50	98	23.05	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70	
CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70	

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	22.88	23.09	22.91	24.20
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2595	2595	2595	2595
30	DFT-s-OFDM QPSK	1	1	22.92	23.13	22.88	24.20
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2595	2595	2600
	1	1	23.01	23.13	23.24	24.20	
	1	53	23.04	23.16	23.22	24.20	
	1	104	23.14	23.11	23.21	24.20	
	50	0	23.09	23.03	23.25	24.20	
	50	28	22.89	22.97	23.01	24.20	
	50	98	23.13	23.20	23.05	24.20	
	100	0	21.89	22.04	21.87	23.20	
	1	1	22.21	22.18	22.04	23.20	
	1	1	20.36	20.21	20.33	21.70	
	1	1	18.38	18.25	18.67	19.70	
	1	1	21.31	21.47	21.73	22.70	
	1	1	20.73	20.94	21.27	22.20	
	1	1	19.13	19.16	19.20	20.70	
	1	1	16.46	16.48	16.77	17.70	

N38-ANT1 Level1(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	15.08	14.99	14.86	16.20
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2600	2595	2595	2600
30	DFT-s-OFDM QPSK	1	1	14.98	15.15	14.90	16.20
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2595	2595	2600
	1	1	15.15	15.22	15.17	16.20	
	1	53	14.94	15.11	15.12	16.20	
	1	104	15.10	15.14	15.13	16.20	
	50	0	15.12	15.15	15.07	16.20	
	50	28	15.14	15.12	15.06	16.20	
	50	98	15.12	15.13	15.03	16.20	
	100	0	15.17	14.97	15.28	16.20	
	1	1	15.08	15.07	15.13	16.20	
	1	1	15.00	15.17	15.15	16.20	
	1	1	15.10	14.93	15.17	16.20	
	1	1	14.99	15.03	15.09	16.20	
	1	1	14.99	15.02	15.07	16.20	
	1	1	15.00	14.93	15.24	16.20	
	1	1	15.04	15.00	15.15	16.20	

N38-ANT1 Level2(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	18.52	18.43	18.53	19.70
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2600	2595	2595	2600
30	DFT-s-OFDM QPSK	1	1	18.55	18.51	18.62	19.70
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2595	2595	2600
	1	1	18.59	18.71	18.52	19.70	
	1	53	18.62	18.63	18.65	19.70	
	1	104	18.62	18.58	18.63	19.70	
	50	0	18.69	18.74	18.59	19.70	
	50	28	18.55	18.41	18.70	19.70	
	50	98	18.53	18.52	18.71	19.70	
	100	0	18.49	18.60	18.65	19.70	
	1	1	18.73	18.74	18.55	19.70	
	1	1	18.41	18.58	18.53	19.70	
	1	1	18.21	18.08	18.48	19.70	
	1	1	18.63	18.42	18.54	19.70	
	1	1	18.46	18.42	18.71	19.70	
	1	1	18.42	18.65	18.54	19.70	
	1	1	16.34	16.50	16.63	17.70	

N38-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	21.89	21.84	21.52	22.80
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	2605		
30	DFT-s-OFDM QPSK	1	1	21.78	21.85	21.50	22.80
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2600		
40	DFT-s-OFDM QPSK	1	1	21.94	21.86	21.89	22.80
		1	53	21.67	21.93	21.85	22.80
		1	104	21.72	21.93	21.92	22.80
	DFT-s-OFDM QPSK	50	0	21.72	21.84	21.83	22.80
		50	28	21.95	21.87	21.89	22.80
		50	98	21.65	21.86	21.83	22.80
	DFT-s-OFDM QPSK	100	0	20.81	20.85	20.74	21.80
	DFT-s-OFDM 16QAM	1	1	20.90	20.83	20.91	21.80
	DFT-s-OFDM 64QAM	1	1	19.20	19.25	19.36	20.30
	DFT-s-OFDM 256QAM	1	1	17.33	17.37	17.32	18.30
	CP-OFDM QPSK	1	1	20.14	20.42	20.17	21.30
	CP-OFDM 16QAM	1	1	19.68	19.89	20.02	20.80
CP-OFDM 64QAM	1	1	18.10	17.97	18.03	19.30	
CP-OFDM 256QAM	1	1	15.87	15.70	15.56	16.30	

N38-ANT4 Level1(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	20.15	20.14	20.02	21.30
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	2605		
30	DFT-s-OFDM QPSK	1	1	20.18	20.12	20.04	21.30
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2600		
40	DFT-s-OFDM QPSK	1	1	20.18	20.23	20.24	21.30
		1	53	19.97	20.21	20.10	21.30
		1	104	20.14	20.19	20.18	21.30
	DFT-s-OFDM QPSK	50	0	20.17	20.10	20.24	21.30
		50	28	20.02	20.06	20.07	21.30
		50	98	20.03	19.99	20.00	21.30
	DFT-s-OFDM QPSK	100	0	20.11	20.06	20.19	21.30
	DFT-s-OFDM 16QAM	1	1	20.03	20.29	20.16	21.30
	DFT-s-OFDM 64QAM	1	1	18.11	18.23	18.24	20.30
	DFT-s-OFDM 256QAM	1	1	17.16	17.27	17.12	18.30
	CP-OFDM QPSK	1	1	20.02	20.33	20.11	21.30
	CP-OFDM 16QAM	1	1	18.63	19.81	20.16	20.80
CP-OFDM 64QAM	1	1	18.13	17.80	17.84	19.30	
CP-OFDM 256QAM	1	1	15.82	15.49	15.62	16.30	

N38-ANT4 Level2(Only for SA)

Bandwidth (MHz)	Channel	516000	519000	522000	Tune-up power		
20	DFT-s-OFDM QPSK	1	1	20.15	20.14	20.02	21.30
Bandwidth (MHz)	Channel	517000	519000	521000	Tune-up power		
	Frequency(MHz)	2585	2595	2605	2605		
30	DFT-s-OFDM QPSK	1	1	20.18	20.12	20.04	21.30
Bandwidth (MHz)	Channel	518000	519000	520000	Tune-up power		
	Frequency(MHz)	2590	2595	2600	2600		
40	DFT-s-OFDM QPSK	1	1	20.18	20.23	20.24	21.30
		1	53	19.97	20.21	20.10	21.30
		1	104	20.14	20.19	20.18	21.30
	DFT-s-OFDM QPSK	50	0	20.17	20.10	20.24	21.30
		50	28	20.02	20.06	20.07	21.30
		50	98	20.00	19.99	20.03	21.30
	DFT-s-OFDM QPSK	100	0	20.11	20.06	20.19	21.30
	DFT-s-OFDM 16QAM	1	1	20.03	20.29	20.16	21.30
	DFT-s-OFDM 64QAM	1	1	18.11	18.23	18.24	20.30
	DFT-s-OFDM 256QAM	1	1	17.16	17.27	17.12	18.30
	CP-OFDM QPSK	1	1	20.02	20.33	20.11	21.30
	CP-OFDM 16QAM	1	1	18.63	19.81	20.16	20.80
CP-OFDM 64QAM	1	1	18.13	17.80	17.84	19.30	
CP-OFDM 256QAM	1	1	15.82	15.49	15.62	16.30	

N41-ANT4 Full power(Only for SA)

Bandwidth (MHz)	Modulation	RB Size	RB offset	Channel		S124.0	S604.0	S1808	S3728	S7368	Time-use
				RB Start	RB offset						
20	QPSK	1	1	2148	2148	2144	2171	2143	2143	2143	21.43
20	QPSK	1	1	2149	2149	2145	2172	2144	2144	2144	21.44
20	QPSK	1	1	2150	2150	2146	2173	2145	2145	2145	21.45
20	QPSK	1	1	2151	2151	2147	2174	2146	2146	2146	21.46
20	QPSK	1	1	2152	2152	2148	2175	2147	2147	2147	21.47
20	QPSK	1	1	2153	2153	2149	2176	2148	2148	2148	21.48
20	QPSK	1	1	2154	2154	2150	2177	2149	2149	2149	21.49
20	QPSK	1	1	2155	2155	2151	2178	2150	2150	2150	21.50
20	QPSK	1	1	2156	2156	2152	2179	2151	2151	2151	21.51
20	QPSK	1	1	2157	2157	2153	2180	2152	2152	2152	21.52
20	QPSK	1	1	2158	2158	2154	2181	2153	2153	2153	21.53
20	QPSK	1	1	2159	2159	2155	2182	2154	2154	2154	21.54
20	QPSK	1	1	2160	2160	2156	2183	2155	2155	2155	21.55
20	QPSK	1	1	2161	2161	2157	2184	2156	2156	2156	21.56
20	QPSK	1	1	2162	2162	2158	2185	2157	2157	2157	21.57
20	QPSK	1	1	2163	2163	2159	2186	2158	2158	2158	21.58
20	QPSK	1	1	2164	2164	2160	2187	2159	2159	2159	21.59
20	QPSK	1	1	2165	2165	2161	2188	2160	2160	2160	21.60
20	QPSK	1	1	2166	2166	2162	2189	2161	2161	2161	21.61
20	QPSK	1	1	2167	2167	2163	2190	2162	2162	2162	21.62
20	QPSK	1	1	2168	2168	2164	2191	2163	2163	2163	21.63
20	QPSK	1	1	2169	2169	2165	2192	2164	2164	2164	21.64
20	QPSK	1	1	2170	2170	2166	2193	2165	2165	2165	21.65
20	QPSK	1	1	2171	2171	2167	2194	2166	2166	2166	21.66
20	QPSK	1	1	2172	2172	2168	2195	2167	2167	2167	21.67
20	QPSK	1	1	2173	2173	2169	2196	2168	2168	2168	21.68
20	QPSK	1	1	2174	2174	2170	2197	2169	2169	2169	21.69
20	QPSK	1	1	2175	2175	2171	2198	2170	2170	2170	21.70
20	QPSK	1	1	2176	2176	2172	2199	2171	2171	2171	21.71
20	QPSK	1	1	2177	2177	2173	2200	2172	2172	2172	21.72
20	QPSK	1	1	2178	2178	2174	2201	2173	2173	2173	21.73
20	QPSK	1	1	2179	2179	2175	2202	2174	2174	2174	21.74
20	QPSK	1	1	2180	2180	2176	2203	2175	2175	2175	21.75
20	QPSK	1	1	2181	2181	2177	2204	2176	2176	2176	21.76
20	QPSK	1	1	2182	2182	2178	2205	2177	2177	2177	21.77
20	QPSK	1	1	2183	2183	2179	2206	2178	2178	2178	21.78
20	QPSK	1	1	2184	2184	2180	2207	2179	2179	2179	21.79
20	QPSK	1	1	2185	2185	2181	2208	2180	2180	2180	21.80
20	QPSK	1	1	2186	2186	2182	2209	2181	2181	2181	21.81
20	QPSK	1	1	2187	2187	2183	2210	2182	2182	2182	21.82
20	QPSK	1	1	2188	2188	2184	2211	2183	2183	2183	21.83
20	QPSK	1	1	2189	2189	2185	2212	2184	2184	2184	21.84
20	QPSK	1	1	2190	2190	2186	2213	2185	2185	2185	21.85
20	QPSK	1	1	2191	2191	2187	2214	2186	2186	2186	21.86
20	QPSK	1	1	2192	2192	2188	2215	2187	2187	2187	21.87
20	QPSK	1	1	2193	2193	2189	2216	2188	2188	2188	21.88
20	QPSK	1	1	2194	2194	2190	2217	2189	2189	2189	21.89
20	QPSK	1	1	2195	2195	2191	2218	2190	2190	2190	21.90
20	QPSK	1	1	2196	2196	2192	2219	2191	2191	2191	21.91
20	QPSK	1	1	2197	2197	2193	2220	2192	2192	2192	21.92
20	QPSK	1	1	2198	2198	2194	2221	2193	2193	2193	21.93
20	QPSK	1	1	2199	2199	2195	2222	2194	2194	2194	21.94
20	QPSK	1	1	2200	2200	2196	2223	2195	2195	2195	21.95
20	QPSK	1	1	2201	2201	2197	2224	2196	2196	2196	21.96
20	QPSK	1	1	2202	2202	2198	2225	2197	2197	2197	21.97
20	QPSK	1	1	2203	2203	2199	2226	2198	2198	2198	21.98
20	QPSK	1	1	2204	2204	2200	2227	2199	2199	2199	21.99
20	QPSK	1	1	2205	2205	2201	2228	2200	2200	2200	22.00
20	QPSK	1	1	2206	2206	2202	2229	2201	2201	2201	22.01
20	QPSK	1	1	2207	2207	2203	2230	2202	2202	2202	22.02
20	QPSK	1	1	2208	2208	2204	2231	2203	2203	2203	22.03
20	QPSK	1	1	2209	2209	2205	2232	2204	2204	2204	22.04
20	QPSK	1	1	2210	2210	2206	2233	2205	2205	2205	22.05
20	QPSK	1	1	2211	2211	2207	2234	2206	2206	2206	22.06
20	QPSK	1	1	2212	2212	2208	2235	2207	2207	2207	22.07
20	QPSK	1	1	2213	2213	2209	2236	2208	2208	2208	22.08
20	QPSK	1	1	2214	2214	2210	2237	2209	2209	2209	22.09
20	QPSK	1	1	2215	2215	2211	2238	2210	2210	2210	22.10
20	QPSK	1	1	2216	2216	2212	2239	2211	2211	2211	22.11
20	QPSK	1	1	2217	2217	2213	2240	2212	2212	2212	22.12
20	QPSK	1	1	2218	2218	2214	2241	2213	2213	2213	22.13
20	QPSK	1	1	2219	2219	2215	2242	2214	2214	2214	22.14
20	QPSK	1	1	2220	2220	2216	2243	2215	2215	2215	22.15
20	QPSK	1	1	2221	2221	2217	2244	2216	2216	2216	22.16
20	QPSK	1	1	2222	2222	2218	2245	2217	2217	2217	22.17
20	QPSK	1	1	2223	2223	2219	2246	2218	2218	2218	22.18
20	QPSK	1	1	2224	2224	2220	2247	2219	2219	2219	22.19
20	QPSK	1	1	2225	2225	2221	2248	2220	2220	2220	22.20
20	QPSK	1	1	2226	2226	2222	2249	2221	2221	2221	22.21
20	QPSK	1	1	2227	2227	2223	2250	2222	2222	2222	22.22
20	QPSK	1	1	2228	2228	2224	2251	2223	2223	2223	22.23
20	QPSK	1	1	2229	2229	2225	2252	2224	2224	2224	22.24
20	QPSK	1	1	2230	2230	2226	2253	2225	2225	2225	22.25
20	QPSK	1	1	2231	2231	2227	2254	2226	2226	2226	22.26
20	QPSK	1	1	2232	2232	2228	2255	2227	2227	2227	22.27
20	QPSK	1	1	2233	2233	2229	2256	2228	2228	2228	22.28
20	QPSK	1	1	2234	2234	2230	2257	2229	2229	2229	22.29
20	QPSK	1	1	2235	2235	2231	2258	2230	2230	2230	22.30
20	QPSK	1	1	2236	2236	2232	2259	2231	2231	2231	22.31
20	QPSK	1	1	2237	2237	2233	2260	2232	2232	2232	22.32
20	QPSK	1	1	2238	2238	2234	2261	2233	2233	2233	22.33
20	QPSK	1	1	2239	2239	2235	2262	2234	2234	2234	22.34
20	QPSK	1	1	2240	2240	2236	2263	2235	2235	2235	22.35
20	QPSK	1	1	2241	2241	2237	2264	2236	2236	2236	22.36
20	QPSK	1	1	2242	2242	2238	2265	2237	2237	2237	22.37
20	QPSK	1	1	2243	2243	2239	2266	2238	2238	2238	22.38
20	QPSK	1	1	2244	2244	2240	2267	2239	2239	2239	22.39
20	QPSK	1	1	2245	2245	2241	2268	2240	2240	2240	22.40
20	QPSK	1	1	2246	2246	2242	2269	2241	2241	2241	22.41
20	QPSK	1	1	2247	2247	2243	2270	2242	2242	2242	22.42
20	QPSK	1	1	2248	2248	2244	2271	2243	2243	2243	22.43
20	QPSK	1	1	2249	2249	2245	2272				