

		WCDMA II Default				WCDMA IV Default				WCDMA V Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4367	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	23.78	23.97	23.76	25.00	23.97	24.01	23.86	25.00	24.09	24.17	24.16	25.00
3GPP Rel 6	HSDPA Subtest-1	22.75	22.99	22.82	24.00	22.94	23.06	22.88	24.00	23.05	23.14	23.11	24.00
3GPP Rel 6	HSDPA Subtest-2	22.78	22.93	22.80	24.00	22.86	23.09	22.86	24.00	23.03	23.12	23.08	24.00
3GPP Rel 6	HSDPA Subtest-3	22.24	22.52	22.30	23.50	22.52	22.57	22.34	23.50	22.54	22.68	22.64	23.50
3GPP Rel 6	HSDPA Subtest-4	22.31	22.46	22.31	23.50	22.46	22.53	22.33	23.50	22.58	22.69	22.66	23.50
3GPP Rel 6	HSUPA Subtest-1	22.74	23.00	22.80	24.00	22.92	22.92	22.80	24.00	23.04	23.16	23.07	24.00
3GPP Rel 6	HSUPA Subtest-2	20.80	20.91	20.74	22.00	20.99	21.06	20.83	22.00	21.05	21.20	21.16	22.00
3GPP Rel 6	HSUPA Subtest-3	21.76	22.02	21.74	23.00	22.00	22.04	21.89	23.00	22.10	22.17	22.14	23.00
3GPP Rel 6	HSUPA Subtest-4	20.75	20.93	20.77	22.00	21.00	21.05	20.80	22.00	21.07	21.18	21.16	22.00
3GPP Rel 6	HSUPA Subtest-5	22.70	22.94	22.75	24.00	22.90	22.93	22.88	24.00	22.99	23.15	23.07	24.00

LTE Band 2 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.16	23.17	23.13			24	0
20	QPSK	1	49	23.13	23.15	23.10				
20	QPSK	1	99	23.13	23.14	23.14				
20	QPSK	50	0	22.13	22.22	22.15				
20	QPSK	50	24	22.17	22.18	22.13				
20	QPSK	50	50	22.18	22.16	22.15			23	1
20	QPSK	100	0	22.11	22.18	22.16				
20	16QAM	1	0	22.13	22.16	22.10				
20	16QAM	1	49	22.14	22.12	22.09				
20	16QAM	1	99	22.18	22.18	22.19				
20	16QAM	50	0	21.19	21.20	21.14			22	2
20	16QAM	50	24	21.16	21.18	21.14				
20	16QAM	50	50	21.17	21.19	21.18				
20	16QAM	100	0	21.12	21.19	21.16				
20	64QAM	1	0	21.15	21.18	21.09				
20	64QAM	1	49	21.16	21.20	21.15			22	2
20	64QAM	1	99	21.17	21.19	21.13				
20	64QAM	50	0	20.17	20.18	20.12				
20	64QAM	50	24	20.11	20.13	20.17				
20	64QAM	50	50	20.17	20.12	20.17				
20	64QAM	100	0	20.14	20.18	20.12			21	3
Channel										
Frequency (MHz)										
15	QPSK	1	0	1867.5	1890	1912.5	1 tune-up limit		24	0
15	QPSK	1	37	23.07	23.08	23.13				
15	QPSK	1	74	23.09	23.14	23.09				
15	QPSK	36	0	22.13	22.22	22.18				
15	QPSK	36	20	22.15	22.13	22.15				
15	QPSK	36	39	22.14	22.08	22.17			23	1
15	QPSK	75	0	22.03	22.11	22.15				
15	16QAM	1	0	22.13	22.08	22.10				
15	16QAM	1	37	22.09	22.06	22.09				
15	16QAM	1	74	22.13	22.17	22.21				
15	16QAM	36	0	21.10	21.20	21.15			22	2
15	16QAM	36	20	21.16	21.15	21.14				
15	16QAM	36	39	21.19	21.16	21.12				
15	16QAM	75	0	21.08	21.20	21.11				
15	64QAM	1	0	21.09	21.10	21.05				
15	64QAM	1	37	21.18	21.17	21.15			22	2
15	64QAM	1	74	21.19	21.19	21.15				
15	64QAM	36	0	20.12	20.18	20.07				
15	64QAM	36	20	20.14	20.13	20.12				
15	64QAM	36	39	20.12	20.07	20.19				
15	64QAM	75	0	20.07	20.19	20.12			21	3
Channel										
Frequency (MHz)										
10	QPSK	1	0	1855	1880	1910	1 tune-up limit		24	0
10	QPSK	1	25	23.13	23.16	23.05				
10	QPSK	1	49	23.11	23.12	23.10				
10	QPSK	25	0	22.07	22.20	22.09				
10	QPSK	25	12	22.13	22.12	22.11				
10	QPSK	25	25	22.12	22.12	22.16			23	1
10	QPSK	50	0	22.07	22.19	22.10				
10	16QAM	1	0	22.09	22.13	22.08				
10	16QAM	1	25	22.15	22.14	22.12				
10	16QAM	1	49	22.16	22.20	22.11				
10	16QAM	25	0	21.15	21.22	21.10			22	2
10	16QAM	25	12	21.09	21.13	21.13				
10	16QAM	25	25	21.14	21.17	21.10				
10	16QAM	50	0	21.12	21.13	21.16				
10	64QAM	1	0	21.08	21.10	21.11				
10	64QAM	1	25	21.12	21.17	21.09			22	2
10	64QAM	1	49	21.16	21.13	21.09				
10	64QAM	25	0	20.09	20.10	20.03				
10	64QAM	25	12	20.10	20.17	20.17				
10	64QAM	25	25	20.11	20.06	20.09				
10	64QAM	50	0	20.11	20.09	20.11			21	3
Channel										
Frequency (MHz)										
5	QPSK	1	0	1852.5	1880	1917.5	1 tune-up limit		24	0
5	QPSK	1	12	23.07	23.15	23.07				
5	QPSK	1	24	23.09	23.07	23.11				
5	QPSK	12	0	22.16	22.17	22.08				
5	QPSK	12	7	22.15	22.19	22.05				
5	QPSK	12	13	22.16	22.09	22.11			23	1
5	QPSK	25	0	22.11	22.20	22.14				
5	16QAM	1	0	22.08	22.16	22.07				
5	16QAM	1	12	22.15	22.06	22.11				
5	16QAM	1	24	22.14	22.16	22.16				
5	16QAM	12	0	21.17	21.21	21.13			22	2
5	16QAM	12	7	21.11	21.15	21.07				
5	16QAM	12	13	21.15	21.11	21.13				
5	16QAM	25	0	21.10	21.19	21.12				
5	64QAM	1	0	21.07	21.17	21.12				
5	64QAM	1	12	21.11	21.14	21.13			22	2
5	64QAM	1	24	21.11	21.16	21.13				
5	64QAM	12	0	20.18	20.11	20.03				
5	64QAM	12	7	20.10	20.05	20.15				
5	64QAM	12	13	20.19	20.09	20.17				
5	64QAM	25	0	20.11	20.18	20.15			21	3
Channel										
Frequency (MHz)										
3	QPSK	1	0	1861.5	1890	1918.5	1 tune-up limit		24	0
3	QPSK	1	8	23.05	23.08	23.06				
3	QPSK	1	14	23.06	23.13	23.09				
3	QPSK	8	0	22.05	22.18	22.07				
3	QPSK	8	4	22.14	22.11	22.12				
3	QPSK	8	7	22.20	22.10	22.17			23	1
3	QPSK	15	0	22.13	22.20	22.15				
3	16QAM	1	0	22.06	22.11	22.07				
3	16QAM	1	8	22.06	22.06	22.06				
3	16QAM	1	14	22.17	22.16	22.19				
3	16QAM	8	0	21.22	21.18	21.08			22	2
3	16QAM	8	4	21.10	21.15	21.10				
3	16QAM	8	7	21.09	21.21	21.15				
3	16QAM	15	0	21.12	21.18	21.12				
3	64QAM	1	0	21.13	21.13	21.02				
3	64QAM	1	8	21.14	21.18	21.08			22	2
3	64QAM	1	14	21.10	21.13	21.15				
3	64QAM	8	0	20.11	20.20	20.07				
3	64QAM	8	4	20.05	20.12	20.13				
3	64QAM	8	7	20.09	20.14	20.10				
3	64QAM	15	0	20.14	20.16	20.08			21	3
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	1850.7	1880	1909.3	1 tune-up limit		24	0
1.4	QPSK	1	0	23.11	23.16	23.15				
1.4	QPSK	1	3	23.09	23.13	23.06				
1.4	QPSK	3	1	23.08	23.15	23.10				
1.4	QPSK	3	3	23.11	23.10	23.12				
1.4	QPSK	6	0	22.14	22.18	22.17			23	1
1.4	16QAM	1	0	22.14	22.18	22.06				
1.4	16QAM	1	0	22.11	22.13	22.13				
1.4	16QAM	1	5	22.03	22.13	22.17				
1.4	16QAM	3	0	22.06	22.11	22.07				
1.4	16QAM	3	1	22.16	22.12	22.05			22	2
1.4	16QAM	3	3	22.10	22.16	22.12				
1.4	16QAM	6	0	21.20	21.20	21.16				
1.4	64QAM	1	0	21.12	21.21	21.10				
1.4	64QAM	1	3	21.08	21.13	21.13				
1.4	64QAM	1	5	21.10	21.20	21.11			22	2
1.4	64QAM	3	0	21.09	21.20	21.01				
1.4	64QAM	3	1	21.11	21.20	21.11				
1.4	64QAM	3	3	21.18	21.12	21.10				
1.4	64QAM	6	0	20.12	20.18	20.13				

LTE Band 7 Default														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.43	22.86	22.78	24	0						
20	QPSK	1	49	22.36	22.75	22.74								
20	QPSK	1	99	22.31	22.77	22.72								
20	QPSK	50	0	21.60	21.71	21.65								
20	QPSK	50	24	21.55	21.61	21.56	23	1						
20	QPSK	50	50	21.46	21.58	21.59								
20	QPSK	100	0	21.58	21.69	21.56								
20	16QAM	1	0	21.60	21.65	21.54								
20	16QAM	1	49	21.55	21.58	21.51	23	1						
20	16QAM	1	99	21.56	21.53	21.48								
20	16QAM	50	0	20.68	20.78	20.70								
20	16QAM	50	24	20.63	20.74	20.67								
20	16QAM	50	50	20.64	20.67	20.56	22	2						
20	16QAM	100	0	20.73	20.78	20.69								
20	16QAM	1	0	21.19	21.17	21.17								
20	16QAM	1	49	21.11	21.08	21.07								
20	16QAM	1	99	21.04	21.07	21.12	22	2						
20	16QAM	50	0	20.33	20.43	20.38								
20	16QAM	50	24	20.20	20.28	20.34								
20	16QAM	50	50	20.23	20.29	20.33								
20	16QAM	100	0	20.26	20.35	20.33	21	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.32	22.78	22.69	24	0						
15	QPSK	1	37	22.26	22.64	22.68								
15	QPSK	1	74	22.18	22.62	22.69								
15	QPSK	36	0	21.54	21.65	21.58								
15	QPSK	36	20	21.46	21.53	21.47	23	1						
15	QPSK	36	39	21.42	21.45	21.54								
15	QPSK	75	0	21.50	21.64	21.42								
15	16QAM	1	0	21.52	21.50	21.45								
15	16QAM	1	37	21.49	21.51	21.43	23	1						
15	16QAM	1	74	21.47	21.44	21.41								
15	16QAM	36	0	20.61	20.67	20.56								
15	16QAM	36	20	20.49	20.59	20.57								
15	16QAM	36	39	20.56	20.61	20.43	22	2						
15	16QAM	75	0	20.69	20.75	20.55								
15	16QAM	1	0	21.06	21.04	21.13								
15	16QAM	1	37	21.00	20.96	20.99								
15	16QAM	1	74	20.91	21.00	20.99	22	2						
15	16QAM	36	0	20.28	20.38	20.25								
15	16QAM	36	20	20.11	20.23	20.23								
15	16QAM	36	39	20.16	20.25	20.22								
15	16QAM	75	0	20.20	20.29	20.29	21	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.31	22.78	22.67	24	0						
10	QPSK	1	25	22.25	22.62	22.67								
10	QPSK	1	49	22.17	22.71	22.65								
10	QPSK	25	0	21.55	21.66	21.61								
10	QPSK	25	12	21.44	21.54	21.50	23	1						
10	QPSK	25	25	21.42	21.52	21.52								
10	QPSK	50	0	21.55	21.59	21.46								
10	16QAM	1	0	21.55	21.60	21.42								
10	16QAM	1	25	21.47	21.48	21.46	23	1						
10	16QAM	1	49	21.44	21.40	21.35								
10	16QAM	25	0	20.59	20.74	20.64								
10	16QAM	25	12	20.53	20.71	20.61								
10	16QAM	25	25	20.56	20.63	20.41	22	2						
10	16QAM	50	0	20.65	20.68	20.58								
10	16QAM	1	0	21.05	21.04	21.10								
10	16QAM	1	25	21.01	21.04	20.98								
10	16QAM	1	49	21.01	21.00	21.01	22	2						
10	16QAM	25	0	20.29	20.39	20.34								
10	16QAM	25	12	20.15	20.13	20.24								
10	16QAM	25	25	20.10	20.21	20.20								
10	16QAM	50	0	20.14	20.25	20.24	21	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.34	22.76	22.65	24	0						
5	QPSK	1	12	22.29	22.71	22.66								
5	QPSK	1	24	22.19	22.68	22.68								
5	QPSK	12	0	21.53	21.58	21.51								
5	QPSK	12	7	21.44	21.46	21.43	23	1						
5	QPSK	12	13	21.39	21.46	21.52								
5	QPSK	25	0	21.43	21.55	21.52								
5	16QAM	1	0	21.47	21.54	21.42								
5	16QAM	1	12	21.51	21.45	21.42	23	1						
5	16QAM	1	24	21.47	21.44	21.40								
5	16QAM	12	0	20.56	20.64	20.56								
5	16QAM	12	7	20.51	20.65	20.52								
5	16QAM	12	13	20.58	20.61	20.52	22	2						
5	16QAM	25	0	20.61	20.69	20.64								
5	16QAM	1	0	21.11	21.12	21.11								
5	16QAM	1	12	21.00	20.97	21.02								
5	16QAM	1	24	20.99	20.93	21.05	22	2						
5	16QAM	12	0	20.19	20.29	20.28								
5	16QAM	12	7	20.11	20.17	20.28								
5	16QAM	12	13	20.13	20.20	20.26								
5	16QAM	25	0	20.19	20.30	20.30	21	3						
Channel														
Frequency (MHz)														

LTE Band 12 Default													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
10	QPSK	1	0	23.14	23.21	23.17	24	0					
10	QPSK	1	25	23.13	23.18	23.14							
10	QPSK	1	49	23.16	23.19	23.15							
10	QPSK	25	0	22.21	22.30	22.26							
10	QPSK	25	12	22.22	22.29	22.27	23	1					
10	QPSK	25	25	22.16	22.27	22.24							
10	QPSK	50	0	22.18	22.25	22.18							
10	16QAM	1	0	22.15	22.19	22.16							
10	16QAM	1	25	22.12	22.18	22.15	23	1					
10	16QAM	1	49	22.18	22.17	22.15							
10	16QAM	25	0	21.20	21.31	21.24							
10	16QAM	25	12	21.20	21.29	21.24							
10	16QAM	25	25	21.14	21.29	21.22	22	2					
10	16QAM	50	0	21.19	21.20	21.18							
10	64QAM	1	0	21.19	21.15	21.18							
10	64QAM	1	25	21.17	21.23	21.19							
10	64QAM	1	49	21.21	21.20	21.20	22	2					
10	64QAM	25	0	20.18	20.32	20.30							
10	64QAM	25	12	20.27	20.33	20.25	21	3					
10	64QAM	25	25	20.27	20.27	20.27							
10	64QAM	50	0	20.21	20.23	20.20							
10	64QAM	50	0	20.35	20.09	21.05							
Channel													
Frequency (MHz)													
5	QPSK	1	0	23.17	23.19	23.11	24	0					
5	QPSK	1	12	23.07	23.14	23.10							
5	QPSK	1	24	23.11	23.14	23.17							
5	QPSK	12	0	22.24	22.22	22.24							
5	QPSK	12	7	22.16	22.23	22.21	23	1					
5	QPSK	12	13	22.15	22.22	22.19							
5	QPSK	25	0	22.20	22.26	22.15							
5	16QAM	1	0	22.14	22.14	22.16							
5	16QAM	1	0	22.14	22.14	22.16	23	1					
5	16QAM	1	24	22.17	22.14	22.11							
5	16QAM	12	0	21.22	21.32	21.27							
5	16QAM	12	7	21.15	21.25	21.22							
5	16QAM	12	13	21.10	21.26	21.15	22	2					
5	16QAM	25	0	21.14	21.20	21.15							
5	64QAM	1	0	21.21	21.12	21.21							
5	64QAM	1	12	21.18	21.21	21.17							
5	64QAM	1	24	21.24	21.12	21.17	22	2					
5	64QAM	12	0	20.18	20.24	20.28							
5	64QAM	12	7	20.26	20.28	20.17							
5	64QAM	12	13	20.20	20.30	20.15							
5	64QAM	25	0	20.23	20.22	20.15	21	3					
Channel													
Frequency (MHz)													
3	QPSK	1	0	23.06	23.18	23.18				24	0		
3	QPSK	1	8	23.09	23.12	23.16							
3	QPSK	1	14	23.15	23.17	23.13							
3	QPSK	8	0	22.20	22.22	22.21							
3	QPSK	8	4	22.16	22.27	22.26	23	1					
3	QPSK	8	7	22.14	22.29	22.27							
3	QPSK	15	0	22.20	22.17	22.20							
3	16QAM	1	0	22.16	22.10	22.10							
3	16QAM	1	8	22.08	22.09	22.11	23	1					
3	16QAM	1	14	22.18	22.20	22.10							
3	16QAM	8	0	21.23	21.27	21.20							
3	16QAM	8	4	21.18	21.20	21.19							
3	16QAM	8	7	21.09	21.21	21.14	22	2					
3	16QAM	15	0	21.22	21.11	21.16							
3	64QAM	1	0	21.16	21.15	21.20							
3	64QAM	1	8	21.16	21.11	21.11							
3	64QAM	1	14	21.19	21.11	21.16	22	2					
3	64QAM	8	0	21.11	20.20	20.26							
3	64QAM	8	4	20.25	20.26	20.27							
3	64QAM	8	7	20.21	20.28	20.22							
3	64QAM	15	0	20.24	20.22	20.15	21	3					
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	23.16	23.20	23.16				24	0		
1.4	QPSK	1	3	23.14	23.20	23.14							
1.4	QPSK	1	6	23.18	23.18	23.10							
1.4	QPSK	3	0	22.99	23.16	23.16							
1.4	QPSK	3	1	23.13	23.14	23.05	23	1					
1.4	QPSK	3	0	23.11	23.15	23.02							
1.4	QPSK	6	0	22.21	22.29	22.22							
1.4	16QAM	1	0	22.19	22.32	22.26							
1.4	16QAM	1	3	22.16	22.27	22.22	23	1					
1.4	16QAM	1	6	22.13	22.22	22.10							
1.4	16QAM	3	0	22.11	22.17	22.13							
1.4	16QAM	3	1	22.04	22.11	22.16							
1.4	16QAM	3	3	22.15	22.19	22.12	22	2					
1.4	16QAM	6	0	21.16	21.29	21.25							
1.4	64QAM	1	0	21.17	21.22	21.24							
1.4	64QAM	1	0	21.16	21.23	21.23							
1.4	64QAM	1	5	21.11	21.17	21.09	22	2					
1.4	64QAM	3	1	21.12	21.18	21.12							
1.4	64QAM	3	3	21.14	21.13	21.11							
1.4	64QAM	6	0	20.16	20.31	20.20							

LTE Band 14 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23330			24.5	0	
Frequency (MHz)				793					
10	QPSK	1	0		23.65		23.5	1	
10	QPSK	1	25		23.59				
10	QPSK	1	49		23.60				
10	QPSK	25	0		22.56				
10	QPSK	25	12		22.51				
10	QPSK	25	25		22.53		23.5	1	
10	QPSK	50	0		22.53				
10	16QAM	1	0		22.45				
10	16QAM	1	25		22.48				
10	16QAM	1	49		22.43				
10	16QAM	25	0		21.49		22.5	2	
10	16QAM	25	12		21.54				
10	16QAM	25	25		21.51				
10	16QAM	50	0		21.53				
10	16QAM	1	0		21.33		22.5	2	
10	16QAM	1	25		21.40				
10	16QAM	1	49		21.38				
10	16QAM	25	0		20.64				
10	16QAM	25	12		20.60		21.5	3	
10	16QAM	25	25		20.57				
10	16QAM	50	0		20.59				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	23.58	23.62	23.57	24.5	0	
5	QPSK	1	12	23.51	23.54	23.54			
5	QPSK	1	24	23.51	23.60	23.56			
5	QPSK	12	0	22.57	22.50	22.52			
5	QPSK	12	7	22.49	22.44	22.48			
5	QPSK	12	13	22.65	22.55	22.62	23.5	1	
5	QPSK	25	0	22.49	22.55	22.55			
5	16QAM	1	0	22.38	22.44	22.46			
5	16QAM	1	12	22.39	22.48	22.41			
5	16QAM	1	24	22.42	22.42	22.37	23.5	1	
5	16QAM	12	0	21.44	21.48	21.46			
5	16QAM	12	7	21.49	21.51	21.53			
5	16QAM	12	13	21.44	21.52	21.50			
5	16QAM	25	0	21.51	21.53	21.53	22.5	2	
5	16QAM	1	0	21.29	21.35	21.30			
5	16QAM	1	12	21.36	21.34	21.34			
5	16QAM	1	24	21.30	21.30	21.41			
5	16QAM	12	0	20.63	20.63	20.59	21.5	3	
5	16QAM	12	7	20.62	20.59	20.51			
5	16QAM	12	13	20.59	20.55	20.60			
5	16QAM	25	0	20.58	20.57	20.58			

LTE Band 17 Default									
BW [MHz]	Modulation on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.11	23.15	23.09	23	1	
10	QPSK	1	25	23.12	23.13	23.06			
10	QPSK	1	49	23.09	23.14	23.04			
10	QPSK	25	0	22.15	22.19	22.11			
10	QPSK	25	12	22.11	22.17	22.08			
10	QPSK	25	25	22.14	22.18	22.12	23	1	
10	QPSK	50	0	22.10	22.12	22.11			
10	16QAM	1	0	22.07	22.12	22.10			
10	16QAM	1	25	22.15	22.09	22.04			
10	16QAM	1	49	22.15	22.15	22.09			
10	16QAM	25	0	21.18	21.18	21.07	22	2	
10	16QAM	25	12	21.11	21.22	21.05			
10	16QAM	25	25	21.16	21.21	21.16			
10	16QAM	50	0	21.08	21.15	21.13			
10	64QAM	1	0	21.07	21.11	21.05	22	2	
10	64QAM	1	25	21.08	21.16	21.05			
10	64QAM	1	49	21.13	21.10	21.00			
10	64QAM	25	0	20.14	20.23	20.14			
10	64QAM	25	12	20.12	20.23	20.10	21	3	
10	64QAM	25	25	20.19	20.17	20.13			
10	64QAM	50	0	20.21	20.19	20.14			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.10	23.10	23.07	24	0	
5	QPSK	1	12	23.06	23.06	23.04			
5	QPSK	1	24	23.04	23.08	23.02			
5	QPSK	12	0	22.07	22.19	22.05			
5	QPSK	12	7	22.12	22.14	22.01			
5	QPSK	12	13	22.09	22.17	22.08	23	1	
5	QPSK	25	0	22.11	22.09	22.08			
5	16QAM	1	0	22.05	22.08	22.11			
5	16QAM	1	12	22.07	22.04	22.04			
5	16QAM	1	24	22.08	22.13	22.02	22	2	
5	16QAM	12	0	21.12	21.11	21.09			
5	16QAM	12	7	21.04	21.22	21.05			
5	16QAM	12	13	21.11	21.14	21.17			
5	16QAM	25	0	21.02	21.17	21.08	22	2	
5	16QAM	1	0	21.00	21.10	21.00			
5	16QAM	1	12	21.00	21.15	21.04			
5	16QAM	1	24	21.07	21.09	20.94			
5	16QAM	12	0	20.06	20.18	20.16	21	3	
5	16QAM	12	7	20.08	20.16	20.06			
5	16QAM	12	13	20.18	20.15	20.08			
5	16QAM	25	0	20.17	20.15	20.14			

LTE Band 25 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	23.16	23.19	23.15	24	0	
20	QPSK	1	49	23.16	23.18	23.13			
20	QPSK	1	99	23.12	23.17	23.13			
20	QPSK	50	0	22.15	22.18	22.12			
20	QPSK	50	24	22.12	22.17	22.13			
20	QPSK	50	50	22.10	22.16	22.12	23	1	
20	QPSK	100	0	22.09	22.11	22.10			
20	16QAM	1	0	22.19	22.20	22.15			
20	16QAM	1	49	22.18	22.19	22.16			
20	16QAM	1	99	22.13	22.22	22.11			
20	16QAM	50	0	21.18	21.19	21.14	22	2	
20	16QAM	50	24	21.16	21.20	21.18			
20	16QAM	50	50	21.13	21.21	21.16			
20	16QAM	100	0	21.13	21.11	21.13			
20	16QAM	1	0	21.12	21.19	21.12	22	2	
20	16QAM	1	49	21.18	21.21	21.10			
20	16QAM	1	99	21.13	21.21	21.14			
20	16QAM	50	0	20.19	20.23	20.17			
20	16QAM	50	24	20.17	20.18	20.10	21	3	
20	16QAM	50	50	20.06	20.17	20.11			
20	16QAM	100	0	20.14	20.13	20.11			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	23.14	23.18	23.10	24	0	
15	QPSK	1	37	23.12	23.11	23.09			
15	QPSK	1	74	23.09	23.18	23.12			
15	QPSK	36	0	22.14	22.11	22.05			
15	QPSK	36	20	22.07	22.19	22.12	23	1	
15	QPSK	36	39	22.06	22.15	22.12			
15	QPSK	75	0	22.06	22.07	22.10			
15	16QAM	1	0	22.18	22.16	22.17			
15	16QAM	1	37	22.12	22.14	22.15	23	1	
15	16QAM	1	74	22.06	22.16	22.12			
15	16QAM	36	0	21.17	21.17	21.12			
15	16QAM	36	20	21.13	21.22	21.14			
15	16QAM	36	39	21.13	21.18	21.09	22	2	
15	16QAM	75	0	21.15	21.10	21.08			
15	16QAM	1	0	21.14	21.19	21.08			
15	16QAM	1	37	21.16	21.23	21.03			
15	16QAM	1	74	21.11	21.18	21.15	22	2	
15	16QAM	36	0	20.17	20.21	20.17			
15	16QAM	36	20	20.10	20.13	20.06			
15	16QAM	36	39	20.01	20.17	20.11			
15	16QAM	75	0	20.13	20.09	20.06	21	3	
Channel				26090	26340	26640			
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	23.14	23.16	23.11			
10	QPSK	1	25	23.12	23.17	23.10			
10	QPSK	1	49	23.10	23.10	23.10			
10	QPSK	25	0	22.18	22.10	22.05			
10	QPSK	25	12	22.08	22.16	22.05	23	1	
10	QPSK	25	25	22.08	22.11	22.04			
10	QPSK	50	0	22.11	22.10	22.08			
10	16QAM	1	0	22.16	22.14	22.14			
10	16QAM	1	25	22.17	22.10	22.18	23	1	
10	16QAM	1	49	22.08	22.15	22.09			
10	16QAM	25	0	21.15	21.15	21.11			
10	16QAM	25	12	21.19	21.22	21.17			
10	16QAM	25	25	21.05	21.19	21.10	22	2	
10	16QAM	50	0	21.11	21.04	21.07			
10	16QAM	1	0	21.10	21.21	21.08			
10	16QAM	1	25	21.19	21.22	21.02			
10	16QAM	1	49	21.05	21.21	21.15	22	2	
10	16QAM	25	0	20.20	20.17	20.15			
10	16QAM	25	12	20.14	20.11	20.02			
10	16QAM	25	25	20.04	20.14	20.13			
10	16QAM	50	0	20.15	20.13	20.08	21	3	
Channel				26065	26340	26665			
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	23.13	23.16	23.16			
5	QPSK	1	12	23.10	23.18	23.14			
5	QPSK	1	24	23.08	23.13	23.10			
5	QPSK	12	0	22.17	22.16	22.09			
5	QPSK	12	7	22.07	22.18	22.13	23	1	
5	QPSK	12	13	22.03	22.08	22.14			
5	QPSK	25	0	22.09	22.05	22.12			
5	16QAM	1	0	22.15	22.18	22.07			
5	16QAM	1	12	22.20	22.15	22.14	23	1	
5	16QAM	1	24	22.06	22.21	22.03			
5	16QAM	12	0	21.13	21.11	21.08			
5	16QAM	12	7	21.17	21.17	21.15			
5	16QAM	12	13	21.11	21.21	21.10	22	2	
5	16QAM	25	0	21.09	21.03	21.11			
5	16QAM	1	0	21.12	21.17	21.08			
5	16QAM	1	12	21.21	21.15	21.01			
5	16QAM	1	24	21.04	21.24	21.10	22	2	
5	16QAM	12	0	20.11	20.19	20.16			
5	16QAM	12	7	20.14	20.21	20.11			
5	16QAM	12	13	20.00	20.19	20.03			
5	16QAM	25	0	20.14	20.10	20.02	21	3	
Channel				26055	26340	26675			
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	23.15	23.15	23.13			
3	QPSK	1	8	23.18	23.13	23.13			
3	QPSK	1	16	23.11	23.12	23.05			
3	QPSK	8	0	22.10	22.18	22.09			
3	QPSK	8	4	22.06	22.17	22.15	23	1	
3	QPSK	8	7	22.12	22.16	22.14			
3	QPSK	15	0	22.03	22.14	22.08			
3	16QAM	1	0	22.15	22.22	22.12			
3	16QAM	1	8	22.16	22.11	22.14	23	1	
3	16QAM	1	14	22.08	22.24	22.06			
3	16QAM	8	0	21.13	21.19	21.11			
3	16QAM	8	4	21.16	21.20	21.20			
3	16QAM	8	7	21.09	21.13	21.18	22	2	
3	16QAM	15	0	21.15	21.12	21.08			
3	16QAM	1	0	21.12	21.17	21.14			
3	16QAM	1	8	21.12	21.20	21.05			
3	16QAM	1	14	21.09	21.16	21.13	22	2	
3	16QAM	8	0	20.20	20.25	20.14			
3	16QAM	8	4	20.13	20.12	20.03			
3	16QAM	8	7	20.01	20.17	20.04			
3	16QAM	15	0	20.16	20.11	20.04	21	3	
Channel				26055	26330	26685			
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	23.12	23.18	23.11			
1.4	QPSK	1	3	23.08	23.10	23.05			
1.4	QPSK	1	5	23.14	23.12	23.11			
1.4	QPSK	3	0	23.10	23.15	23.16			
1.4	QPSK	3	3	23.14	23.17	23.16	23	1	
1.4	QPSK	6	0	22.12	22.17	22.13			
1.4	16QAM	1	0	22.04	22.17	22.14			
1.4	16QAM	1	3	22.13	22.13	22.11			
1.4	16QAM	1	5	22.11	22.08	22.12	23	1	
1.4	16QAM	3	0	22.16	22.22	22.17			
1.4	16QAM	3	1	22.18	22.18	22.15			
1.4	16QAM	3	3	22.05	22.22	22.12			
1.4	16QAM	6	0	21.10	21.14	21.10	22	2	
1.4	16QAM	1	0	21.18	21.17	21.12			
1.4	16QAM	1	3	21.09	21.18	21.19			
1.4	16QAM	3	0	21.05	21.04	21.10			
1.4	16QAM	3	5	21.05	21.20	21.14	22	2	
1.4	16QAM	3	1	21.03	21.23	21.10			
1.4	16QAM	3	3	21.11	21.16	21.07			
1.4	16QAM	6	0	20.16	20.25	20.19			

LTE Band 26 Default										LTE Band 66 Default									
BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune- up limit (dBm)	MPR (dB)		BW [MHz]	Modulat on	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune- up limit (dBm)	MPR (dB)	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
15	QPSK	1	0	23.54	23.67	23.27	24.5	0		20	QPSK	1	0	23.07	23.21	22.97	24	0	
15	QPSK	1	37	23.41	23.60	23.21				20	QPSK	1	49	23.03	23.19	23.02			
15	QPSK	1	74	23.50	23.63	23.15				20	QPSK	1	99	23.03	23.18	22.95			
15	QPSK	36	0	22.42	22.56	22.21				20	QPSK	50	0	22.10	22.18	22.05			
15	QPSK	36	20	22.33	22.49	22.18				20	QPSK	50	24	22.13	22.15	22.01			
15	QPSK	36	39	22.32	22.47	22.15	23.5	1		20	QPSK	50	50	22.06	22.17	22.03	23	1	
15	QPSK	75	0	22.45	22.53	22.07				20	QPSK	100	0	22.09	22.14	22.03			
15	16QAM	1	0	22.43	22.51	22.06				20	16QAM	1	0	22.02	22.07	21.91			
15	16QAM	1	37	22.28	22.37	22.07				20	16QAM	1	49	21.95	22.06	21.90			
15	16QAM	1	74	22.29	22.47	22.11				20	16QAM	1	99	21.92	22.06	21.92			
15	16QAM	36	0	21.48	21.57	21.46	22.5	2		20	16QAM	50	0	21.15	21.19	21.09	22	2	
15	16QAM	36	20	21.44	21.44	21.43				20	16QAM	50	24	21.09	21.19	20.99			
15	16QAM	36	39	21.35	21.54	21.44				20	16QAM	50	50	21.05	21.21	20.99			
15	16QAM	75	0	21.44	21.44	21.40				20	16QAM	100	0	21.12	21.13	21.07			
15	64QAM	1	0	21.50	21.58	21.36				20	64QAM	1	0	21.01	21.06	20.98			
15	64QAM	1	37	21.36	21.53	21.41	22.5	2		20	64QAM	1	49	20.91	21.08	20.99	22	2	
15	64QAM	1	74	21.37	21.54	21.41				20	64QAM	1	99	20.98	21.06	20.97			
15	64QAM	36	0	20.45	20.53	20.31				20	64QAM	50	0	20.06	20.13	20.10			
15	64QAM	36	20	20.35	20.39	20.40				20	64QAM	50	24	20.15	20.12	20.02			
15	64QAM	36	39	20.33	20.38	20.37				20	64QAM	50	50	20.05	20.16	19.98			
15	64QAM	75	0	20.31	20.48	20.38	21.5	3		20	64QAM	100	0	20.11	20.20	20.05	21	3	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
10	QPSK	1	0	23.43	23.57	23.24	24.5	0		15	QPSK	1	0	22.99	23.18	22.99	24	0	
10	QPSK	1	25	23.33	23.55	23.09				15	QPSK	1	37	23.04	23.19	23.04			
10	QPSK	1	49	23.39	23.48	23.09				15	QPSK	1	74	22.99	23.13	22.88			
10	QPSK	25	0	22.31	22.44	22.14				15	QPSK	36	0	22.02	22.18	22.06			
10	QPSK	25	12	22.30	22.40	22.15				15	QPSK	36	20	22.11	22.09	21.96			
10	QPSK	25	25	22.19	22.33	22.00	23.5	1		15	QPSK	36	39	22.02	22.16	21.96	23	1	
10	QPSK	50	0	22.32	22.48	22.01				15	QPSK	75	0	22.07	22.16	22.01			
10	16QAM	1	0	22.38	22.45	21.92				15	16QAM	1	0	21.96	22.07	21.91			
10	16QAM	1	25	22.21	22.24	21.98				15	16QAM	1	37	21.86	22.06	21.83			
10	16QAM	1	49	22.16	22.38	21.99				15	16QAM	1	74	21.92	22.05	21.84			
10	16QAM	25	0	21.38	21.51	21.35	22.5	2		15	16QAM	36	0	21.17	21.21	21.07	22	2	
10	16QAM	25	12	21.32	21.37	21.40				15	16QAM	36	20	21.00	21.15	21.01			
10	16QAM	25	25	21.28	21.47	21.40				15	16QAM	36	39	21.00	21.09	20.98			
10	16QAM	50	0	21.38	21.38	21.32				15	16QAM	50	0	21.10	21.09	20.99			
10	64QAM	1	0	21.43	21.47	21.28				15	64QAM	1	0	21.00	20.98	20.94			
10	64QAM	1	25	21.30	21.46	21.26	22.5	2		15	64QAM	1	37	20.87	21.10	20.94	22	2	
10	64QAM	1	49	21.28	21.40	21.32				15	64QAM	1	74	20.96	20.99	20.98			
10	64QAM	25	0	20.31	20.43	20.22				15	64QAM	36	0	20.07	20.04	20.11			
10	64QAM	25	12	20.25	20.35	20.33				15	64QAM	36	20	20.12	20.13	20.00			
10	64QAM	25	25	20.29	20.25	20.25				15	64QAM	36	39	19.96	20.17	19.96			
10	64QAM	50	0	20.21	20.42	20.32	21.5	3		15	64QAM	75	0	20.09	20.21	19.99	21	3	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
5	QPSK	1	0	23.49	23.57	23.17	24.5	0		13	QPSK	1	0	23.07	23.15	22.90	24	0	
5	QPSK	1	12	23.34	23.45	23.12				10	QPSK	1	25	22.95	23.14	22.98			
5	QPSK	1	24	23.43	23.52	23.04				10	QPSK	1	49	23.00	23.11	22.91			
5	QPSK	12	0	22.38	22.52	22.17				10	QPSK	25	0	22.09	22.16	22.01			
5	QPSK	12	7	22.24	22.39	22.13				10	QPSK	25	12	22.09	22.15	22.01			
5	QPSK	12	13	22.25	22.42	22.04	23.5	1		10	QPSK	25	25	22.02	22.12	22.03	23	1	
5	QPSK	25	0	22.39	22.47	21.93				10	QPSK	50	0	22.02	22.16	22.05			
5	16QAM	1	0	22.32	22.44	21.95				10	16QAM	1	0	21.99	22.03	21.90			
5	16QAM	1	12	22.16	22.28	22.02				10	16QAM	1	25	21.92	22.06	21.87			
5	16QAM	1	24	22.15	22.40	21.97				10	16QAM	1	49	21.94	22.02	21.87			
5	16QAM	12	0	21.39	21.51	21.36	22.5	2		10	16QAM	12	0	21.16	21.22	21.02	22	2	
5	16QAM	12	7	21.34	21.40	21.34				10	16QAM	25	12	21.11	21.17	21.01			
5	16QAM	12	13	21.22	21.41	21.30				10	16QAM	25	25	21.07	21.18	20.97			
5	16QAM	25	0	21.30	21.38	21.27				10	16QAM	50	0	21.12	21.15	21.09			
5	64QAM	1	0	21.42	21.45	21.32				10	64QAM	1	0	20.94	20.99	20.93			
5	64QAM	1	12	21.31	21.44	21.36	22.5	2		10	64QAM	1	25	20.84	21.03	20.95	22	2	
5	64QAM	1	24	21.23	21.41	21.36				10	64QAM	1	49	21.00	20.99	20.95			
5	64QAM	12	0	20.36	20.48	20.19				10	64QAM	25	0	20.04	20.11	20.13			
5	64QAM	12	7	20.22	20.26	20.27				10	64QAM	25	12	20.17	20.09	20.04			
5	64QAM	12	13	20.26	20.28	20.27				10	64QAM	25	25	20.06	20.08	19.94			
5	64QAM	25	0	20.18	20.45	20.29	21.5	3		10	64QAM	50	0	20.12	20.22	20.07	21	3	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
3	QPSK	1	0	23.43	23.55	23.22	24.5	0		5	QPSK	1	0	23.07	23.19	22.94	24	0	
3	QPSK	1	8	23.31	23.56	23.16				5	QPSK	1	12	22.95	23.12	23.02			
3	QPSK	1	14	23.41	23.51	23.07				5	QPSK	1	24	23.04	23.09	22.97			
3	QPSK	8	0	22.33	22.49	22.13				5	QPSK	12	0	22.02	22.16	22.01			
3	QPSK	8	4	22.26	22.44	22.05				5	QPSK	12	7	22.10	22.08	21.92			
3	QPSK	8	7	22.23	22.42	22.12	23.5	1		5	QPSK	12	13	22.00	22.18	21.97	23	1	
3	QPSK	15	0	22.37	22.49	22.02				5	QPSK	25	0	22.03	22.09	21.95			
3	16QAM	1	0	22.39	22.45	21.98				5	16QAM	1	0	22.01	22.07	21.91			
3	16QAM	1	8	22.23	22.27	22.01				5	16QAM	1	12	21.87	22.01	21.85			
3	16QAM	1	14	22.20	22.43	21.97				5	16QAM	1	24	21.98	22.01	21.92			
3	16QAM	8	0	21.41	21.51	21.33	22.5	2		5	16QAM	12	0	21.09	21.10	21.09	22	2	
3	16QAM	8	4	21.33	21.40	21.39				5	16QAM	12	7	21.06	21.15	20.97			
3	16QAM	8	7	21.27	21.39	21.40				5	16QAM	12	13	21.07	21.14	20.96			
3	16QAM	15	0	21.33	21.35	21.37				5	16QAM	25	0	21.05	21.08	20.99			
3	64QAM	1	0	21.36	21.54	21.29				5	64QAM	1	0	20.99	21.01	20.91			
3	64QAM	1	8	21.24	21.47	21.31	22.5	2		5	64QAM	1	12	20.93	21.03	20.98	22	2	
3	64QAM	1	14	21.27	21.47	21.37				5	64QAM	1	24	20.99	20.98	20.99			
3	64QAM	8	0	20.40	20.43	20.20				5	64QAM	12	0	20.09	20.06	20.02			
3	64QAM	8	4	20.27	20.35	20.33				5	64QAM	12	7	20.11	20.10	19.96			
3	64QAM	8	7	20.27	20.34	20.31				5	64QAM	12	13	20.05	20.16	19.92			
3	64QAM	15	0	20.20	20.36	20.34	21.5	3		5	64QAM	25	0	20.06	20.11	20.06	21	3	
Channel										Channel									
Frequency (MHz)										Frequency (MHz)									
1.4	QPSK	1	0	23.41	23.63	23.15	24.5	0		13	QPSK	1	0	23.06	23.18	23.00	24	0	
1.4	QPSK	1	3	23.36	23.49	23.05				3	QPSK	1	8	22.99	23.13	22.98			
1.4	QPSK	1	5	23.42	23.56	23.04				3	QPSK	1	14	23.04	23.10	22.93			
1.4	QPSK	3	0	23.49	23.55	23.18				3	QPSK	8	0	22.03	22.18	22.03			
1.4	QPSK	3	1	23.35	23.54	23.04				3	QPSK	8	4	22.13	22.08	21.96</			

LTE Band 71 Default									
Band	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133297	133372			
Frequency (MHz)				673	680.5	688			
20	QPSK	1	0	23.06	23.17	23.11			
20	QPSK	1	49	22.98	23.04	23.04	24	0	
20	QPSK	1	99	22.99	23.11	23.03			
20	QPSK	50	0	22.11	22.20	22.17			
20	QPSK	50	24	21.99	22.14	22.12	23	1	
20	QPSK	50	50	22.00	22.15	22.13			
20	QPSK	100	0	22.10	22.12	22.02			
20	16QAM	1	0	22.12	22.21	22.16			
20	16QAM	1	49	22.08	22.10	22.06	23	1	
20	16QAM	1	99	22.07	22.17	22.04			
20	16QAM	50	0	21.36	21.42	21.37			
20	16QAM	50	24	21.30	21.38	21.26	22	2	
20	16QAM	50	50	21.31	21.37	21.23			
20	16QAM	100	0	21.30	21.35	21.32			
20	64QAM	1	0	21.21	21.28	21.13			
20	64QAM	1	49	21.12	21.21	21.06	22	2	
20	64QAM	1	99	21.13	21.16	20.98			
20	64QAM	50	0	20.29	20.37	20.25			
20	64QAM	50	24	20.29	20.37	20.25	21	3	
20	64QAM	50	50	20.29	20.37	20.25			
20	64QAM	100	0	20.29	20.37	20.25			
Channel				133197	133297	133397			
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	23.01	23.07	23.07			
15	QPSK	1	37	22.84	23.00	22.99	24	0	
15	QPSK	1	74	22.93	23.08	22.91			
15	QPSK	36	0	21.97	22.08	22.13			
15	QPSK	36	20	21.89	22.02	22.05	23	1	
15	QPSK	36	39	21.91	22.05	22.04			
15	QPSK	75	0	21.96	21.99	21.98			
15	16QAM	1	0	22.06	22.11	22.02			
15	16QAM	1	37	22.00	22.01	21.99	23	1	
15	16QAM	1	74	21.96	22.06	21.95			
15	16QAM	36	0	21.23	21.31	21.29			
15	16QAM	36	20	21.26	21.35	21.18	22	2	
15	16QAM	36	39	21.28	21.33	21.13			
15	16QAM	75	0	21.21	21.28	21.26			
15	64QAM	1	0	21.08	21.14	21.02			
15	64QAM	1	37	21.02	21.07	21.02	22	2	
15	64QAM	1	74	21.03	21.13	20.86			
15	64QAM	36	0	20.25	20.34	20.15			
15	64QAM	36	20	20.25	20.31	20.21	21	3	
15	64QAM	36	39	20.17	20.23	20.12			
15	64QAM	75	0	20.17	20.25	20.21			
Channel				133172	133297	133422			
Frequency (MHz)				668	680.5	693			
10	QPSK	1	0	23.03	23.03	23.08			
10	QPSK	1	25	22.92	22.93	23.01	24	0	
10	QPSK	1	49	22.93	23.08	22.99			
10	QPSK	25	0	22.04	22.06	22.03			
10	QPSK	25	12	21.94	22.03	22.08	23	1	
10	QPSK	25	25	21.85	22.05	22.07			
10	QPSK	50	0	21.96	22.00	21.91			
10	16QAM	1	0	22.00	22.16	22.08			
10	16QAM	1	25	21.97	21.99	21.94	23	1	
10	16QAM	1	49	21.94	22.09	21.94			
10	16QAM	25	0	21.28	21.36	21.29			
10	16QAM	25	12	21.15	21.31	21.20	22	2	
10	16QAM	25	25	21.20	21.23	21.17			
10	16QAM	50	0	21.22	21.29	21.27			
10	64QAM	1	0	21.11	21.14	21.08			
10	64QAM	1	25	21.03	21.16	20.92	22	2	
10	64QAM	1	49	21.03	21.08	20.91			
10	64QAM	25	0	20.21	20.25	20.13			
10	64QAM	25	12	20.24	20.25	20.12	21	3	
10	64QAM	25	25	20.26	20.28	20.22			
10	64QAM	50	0	20.22	20.26	20.11			
Channel				133147	133297	133447			
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	0	22.93	23.14	22.98			
5	QPSK	1	12	22.84	22.92	22.97	24	0	
5	QPSK	1	24	22.88	22.97	22.91			
5	QPSK	12	0	22.01	22.13	22.09			
5	QPSK	12	7	21.93	22.04	22.09	23	1	
5	QPSK	12	13	21.89	22.00	22.07			
5	QPSK	25	0	22.02	21.97	21.93			
5	16QAM	1	0	22.07	22.13	22.03			
5	16QAM	1	12	22.03	22.02	21.92	23	1	
5	16QAM	1	24	21.97	22.12	21.97			
5	16QAM	12	0	21.27	21.38	21.23			
5	16QAM	12	7	21.17	21.23	21.14	22	2	
5	16QAM	12	13	21.26	21.26	21.16			
5	16QAM	25	0	21.20	21.30	21.19			
5	64QAM	1	0	21.14	21.24	21.08			
5	64QAM	1	12	21.01	21.07	21.03	22	2	
5	64QAM	1	24	20.98	21.11	20.95			
5	64QAM	12	0	20.23	20.32	20.11			
5	64QAM	12	7	20.21	20.30	20.10	21	3	
5	64QAM	12	13	20.15	20.28	20.14			
5	64QAM	25	0	20.15	20.24	20.17			

LTE Band 41											
BW [MHz]	Modulati on	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				39750	40185	40620	41055	41490	25	0	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680			
20	QPSK	1	0	23.16	23.34	23.64	23.84	24.17	24	1	
20	QPSK	1	49	23.13	23.35	23.61	23.80	24.14			
20	QPSK	1	99	23.11	23.28	23.67	23.87	24.10			
20	QPSK	50	0	22.20	22.33	22.69	22.91	23.12			
20	QPSK	50	24	22.19	22.40	22.56	22.75	23.10	23	2	
20	QPSK	50	50	22.05	22.28	22.63	22.85	23.06			
20	QPSK	100	0	22.06	22.13	22.59	22.82	23.03			
20	16QAM	1	0	22.20	22.33	22.58	22.74	22.87			
20	16QAM	1	49	22.17	22.34	22.54	22.74	22.88	22	3	
20	16QAM	1	99	22.10	22.26	22.60	22.82	22.79			
20	16QAM	50	0	21.06	21.24	21.58	21.71	22.03			
20	16QAM	50	24	21.04	21.29	21.40	21.67	21.99			
20	16QAM	50	50	21.01	21.13	21.48	21.76	21.96	23	2	
20	16QAM	100	0	21.05	21.19	21.64	21.80	21.99			
20	64QAM	1	0	21.23	21.27	21.50	21.61	21.77			
20	64QAM	1	49	21.17	21.33	21.47	21.62	21.73			
20	64QAM	1	99	21.06	21.30	21.47	21.71	21.73	22	3	
20	64QAM	50	0	20.23	20.32	20.71	20.87	21.13			
20	64QAM	50	24	20.14	20.40	20.61	20.75	21.11			
20	64QAM	50	50	20.10	20.25	20.63	20.84	21.03			
20	64QAM	100	0	20.07	20.10	20.58	20.82	21.01	25.00	0	
Channel				39725	40173	40620	41068	41515			
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	24	1	
15	QPSK	1	0	23.14	23.30	23.58	23.78	24.14			
15	QPSK	1	37	23.11	23.31	23.64	23.71	24.07	24	1	
15	QPSK	1	74	23.03	23.29	23.59	23.82	24.12			
15	QPSK	36	0	22.14	22.30	22.67	22.74	23.04			
15	QPSK	36	20	22.20	22.38	22.51	22.68	23.03			
15	QPSK	36	39	22.02	22.22	22.58	22.78	23.08	23	2	
15	QPSK	75	0	22.04	22.06	22.57	22.84	22.98			
15	16QAM	1	0	22.18	22.28	22.51	22.73	22.84			
15	16QAM	1	37	22.10	22.33	22.54	22.68	22.90			
15	16QAM	1	74	22.11	22.19	22.59	22.74	22.71	22	3	
15	16QAM	36	0	21.05	21.20	21.50	21.63	22.01			
15	16QAM	36	20	21.05	21.30	21.38	21.62	21.99			
15	16QAM	36	39	21.04	21.10	21.46	21.78	21.90			
15	16QAM	75	0	21.08	21.21	21.65	21.81	21.93	23	2	
15	64QAM	1	0	21.17	21.23	21.49	21.62	21.76			
15	64QAM	1	37	21.13	21.28	21.45	21.61	21.66			
15	64QAM	1	74	21.01	21.24	21.42	21.68	21.65			
15	64QAM	36	0	20.26	20.26	20.65	20.86	21.12	25.00	0	
15	64QAM	36	20	20.12	20.35	20.61	20.68	21.02			
15	64QAM	36	39	20.06	20.23	20.66	20.83	20.94			
15	64QAM	75	0	20.05	20.06	20.57	20.73	20.98			
Channel				39700	40160	40620	41080	41540	24	1	
Frequency (MHz)				2501	2547	2593	2639	2685			
10	QPSK	1	0	23.13	23.29	23.60	23.83	24.15	24	1	
10	QPSK	1	25	23.12	23.29	23.61	23.74	24.11			
10	QPSK	1	49	23.10	23.23	23.65	23.85	24.12			
10	QPSK	25	0	22.19	22.25	22.63	22.75	23.08			
10	QPSK	25	12	22.12	22.40	22.50	22.77	23.08	23	2	
10	QPSK	25	25	22.06	22.22	22.61	22.82	23.00			
10	QPSK	50	0	22.05	22.11	22.56	22.81	22.98			
10	16QAM	1	0	22.22	22.32	22.54	22.76	22.80			
10	16QAM	1	25	22.14	22.33	22.51	22.67	22.81	22	3	
10	16QAM	1	49	22.03	22.22	22.60	22.77	22.80			
10	16QAM	25	0	21.03	21.21	21.51	21.69	22.01			
10	16QAM	25	12	21.01	21.25	21.40	21.66	21.94			
10	16QAM	25	25	21.03	21.08	21.42	21.77	21.95	23	2	
10	16QAM	50	0	21.02	21.13	21.61	21.75	21.93			
10	64QAM	1	0	21.16	21.24	21.47	21.60	21.72			
10	64QAM	1	25	21.10	21.31	21.46	21.57	21.72			
10	64QAM	1	49	21.03	21.23	21.47	21.64	21.70	22	3	
10	64QAM	25	0	20.23	20.34	20.71	20.85	21.08			
10	64QAM	25	12	20.13	20.40	20.61	20.74	21.08			
10	64QAM	25	25	20.11	20.18	20.59	20.80	20.95			
10	64QAM	50	0	20.00	20.11	20.54	20.78	20.94	25.00	0	
Channel				39675	40148	40620	41093	41565			
Frequency (MHz)				2496.5	2545.8	2593	2640.30	2687.5	24	1	
5	QPSK	1	0	23.14	23.30	23.57	23.83	24.14			
5	QPSK	1	12	23.12	23.31	23.55	23.76	24.10	24	1	
5	QPSK	1	24	23.10	23.28	23.59	23.81	24.10			
5	QPSK	12	0	22.19	22.26	22.63	22.83	23.09			
5	QPSK	12	7	22.15	22.32	22.54	22.71	23.11			
5	QPSK	12	13	22.00	22.24	22.59	22.81	23.04	23	2	
5	QPSK	25	0	22.02	22.10	22.59	22.76	22.97			
5	16QAM	1	0	22.18	22.34	22.52	22.70	22.79			
5	16QAM	1	12	22.17	22.35	22.47	22.76	22.80			
5	16QAM	1	24	22.09	22.26	22.60	22.79	22.78	22	3	
5	16QAM	12	0	21.06	21.22	21.52	21.71	21.99			
5	16QAM	12	7	21.01	21.23	21.38	21.68	21.91			
5	16QAM	12	13	21.05	21.08	21.44	21.68	21.98			
5	16QAM	25	0	21.03	21.14	21.66	21.80	22.01	23	2	
5	64QAM	1	0	21.17	21.28	21.45	21.57	21.78			
5	64QAM	1	12	21.15	21.33	21.41	21.55	21.75			
5	64QAM	1	24	21.03	21.29	21.44	21.68	21.69			
5	64QAM	12	0	20.20	20.34	20.69	20.85	21.13	25.00	0	
5	64QAM	12	7	20.07	20.37	20.63	20.71	21.08			
5	64QAM	12	13	20.03	20.23	20.62	20.76	20.99			
5	64QAM	25	0	20.05	20.04	20.51	20.83	20.96			

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.35	18.00	98.95
		6	2437	16.53	18.00	
		11	2462	16.67	18.50	
	802.11g 6Mbps	1	2412	17.05	18.50	98.26
		6	2437	16.25	18.00	
		11	2462	16.45	18.00	
	802.11n-HT20 MCS0	1	2412	15.94	17.50	98.13
		6	2437	16.00	17.50	
		11	2462	16.26	18.00	
	802.11n-HT40 MCS0	1	2412	15.36	17.00	94.89
		6	2437	15.98	17.50	
		11	2462	16.00	17.50	

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.01	17.50	98.26
		40	5200	16.07	17.50	
		44	5220	16.10	17.50	
		48	5240	16.29	17.50	
	802.11n-HT20 MCS0	36	5180	15.95	17.50	98.13
		40	5200	15.91	17.50	
		44	5220	15.97	17.50	
		48	5240	16.10	17.50	
	802.11n-HT40 MCS0	38	5190	12.10	13.50	96.30
		46	5230	15.87	17.00	
		36	5180	14.90	16.50	
		40	5200	14.96	16.50	
	802.11ac-VHT20 MCS0	44	5220	14.99	16.50	98.16
		48	5240	15.11	16.50	
		38	5190	12.07	13.50	
		46	5230	14.89	16.50	
	802.11ac-VHT80 MCS0	42	5210	10.19	11.50	92.44

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.22	17.50	98.26
		56	5280	16.20	17.50	
		60	5300	16.24	17.50	
		64	5320	16.31	17.50	
	802.11n-HT20 MCS0	52	5260	16.06	17.50	98.13
		56	5280	16.05	17.50	
		60	5300	16.09	17.50	
		64	5320	16.18	17.50	
	802.11n-HT40 MCS0	54	5270	15.73	17.00	96.30
		62	5310	12.34	13.50	
		52	5260	15.03	16.50	
		56	5280	15.05	16.50	
	802.11ac-VHT20 MCS0	60	5300	15.10	16.50	98.16
		64	5320	15.19	16.50	
		54	5270	14.82	16.50	
		62	5310	12.32	13.50	
	802.11ac-VHT80 MCS0	58	5290	10.13	11.50	92.44

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.73	18.50	98.26
		116	5580	16.25	18.00	
		124	5620	16.10	18.00	
		132	5660	16.23	18.00	
		140	5700	14.03	15.50	
		144	5720	16.26	18.00	
	802.11n-HT20 MCS0	100	5500	16.47	18.00	98.13
		116	5580	16.12	18.00	
		124	5620	15.93	17.50	
		132	5660	16.11	17.50	
		140	5700	15.90	17.50	
		144	5720	16.04	17.50	
	802.11n-HT40 MCS0	102	5510	13.35	14.50	96.30
		110	5550	16.03	17.50	
		126	5630	15.54	17.00	
		134	5670	15.72	17.50	
		142	5710	15.58	17.00	
		100	5500	15.76	17.50	
	802.11ac-VHT20 MCS0	116	5580	15.39	17.00	98.16
		124	5620	15.13	17.00	
		132	5660	15.22	17.00	
		140	5700	14.95	16.50	
		144	5720	15.24	17.00	
		102	5510	13.31	14.50	
	802.11ac-VHT40 MCS0	110	5550	15.04	17.00	96.30
		126	5630	14.95	16.50	
		134	5670	15.10	17.00	
		142	5710	14.68	16.50	
		106	5530	10.68	12.00	
		122	5610	10.42	12.00	
	802.11ac-VHT80 MCS0	138	5690	10.63	12.00	92.44

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	148	5745	16.22	17.50	98.26
		157	5785	15.93	17.50	
		165	5825	15.40	17.00	
	802.11n-HT20 MCS0	148	5745	16.05	17.50	98.13
		157	5785	15.73	17.50	
		165	5825	15.23	17.00	
	802.11n-HT40 MCS0	151	5755	15.92	17.00	96.30
		159	5795	15.63	17.00	
		149	5745	15.33	17.00	
	802.11ac-VHT20 MCS0	157	5785	15.24	17.00	98.16
		165	5825	14.82	16.50	
		151	5755	15.28	17.00	
	802.11ac-VHT40 MCS0	159	5795	15.07	17.00	96.30
	802.11ac-VHT80 MCS0	155	5775	10.41	12.00	92.44

<Bluetooth>						
Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	12.87	11.02	11.03	14.50
	CH 39	2441	13.31	11.55	11.56	14.50
	CH 76	2480	12.31	10.84	10.85	14.00

BT LE				
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	8.92	
	CH 19	2440	9.54	
	CH 39	2480	9.31	
Tune-up Limit			11.00	