



<GSM>

GSM900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	198	199	201		198	199	201	
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	29.03	28.95	28.93	30.00	20.03	19.95	19.93	21.00
GPRS 1 Tx slot	29.00	28.91	28.89	30.00	20.00	19.91	19.89	21.00
GPRS 2 Tx slots	28.52	28.39	28.41	29.50	22.52	22.39	22.41	23.50
GPRS 3 Tx slots	28.89	28.82	28.81	28.00	22.99	22.81	22.55	23.74
GPRS 4 Tx slots	29.31	29.32	29.31	28.50	22.31	22.32	22.31	23.50

GSM1800_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		1850.2	1850	1909.8	
Frequency (MHz)	1850.2	1860	1909.8	1850.2	1850	1909.8		
GSM 1 Tx slot	23.51	23.79	23.93	24.50	14.51	14.79	14.93	15.50
GPRS 1 Tx slot	23.48	23.77	23.86	24.50	14.48	14.77	14.86	15.50
GPRS 2 Tx slots	22.48	22.75	22.88	23.50	16.48	16.75	16.88	17.50
GPRS 3 Tx slots	20.47	20.73	20.88	21.50	19.21	19.47	19.42	17.24
GPRS 4 Tx slots	19.42	19.71	19.83	20.50	18.42	18.71	18.83	17.50

<WCDMA>

Band	WCDMA I_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)	
	9362	9500	9538		1312	1413	1513		
Frequency (MHz)	1822.4	1830	1907.6	1712.4	1722.6	1752.6			
3GPP Rel 99	AMR 12.2Kbps	17.03	17.04	17.03	18.00	17.09	17.11	17.05	18.00
3GPP Rel 99	RMC 12.2Kbps	17.06	17.10	17.07	18.00	17.11	17.15	17.09	18.00
3GPP Rel 6	HSDPA Subtest-1	16.00	16.11	16.15	17.00	16.17	16.19	16.17	17.00
3GPP Rel 6	HSDPA Subtest-2	16.17	16.17	16.13	17.00	16.07	16.14	16.19	17.00
3GPP Rel 6	HSDPA Subtest-3	15.45	15.57	15.50	16.50	15.73	15.82	15.51	16.50
3GPP Rel 6	HSDPA Subtest-4	15.44	15.56	15.46	16.50	15.52	15.72	15.62	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.02	16.06	16.13	17.00	16.23	16.30	15.98	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.09	16.14	16.12	17.00	16.18	16.22	16.10	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.51	15.62	15.60	16.50	15.59	15.64	15.65	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.55	15.56	15.61	16.50	15.52	15.89	15.61	16.50
3GPP Rel 6	HSUPA Subtest-1	15.99	16.14	16.00	17.00	16.07	16.05	16.12	17.00
3GPP Rel 6	HSUPA Subtest-2	13.99	14.20	14.13	15.00	14.08	14.10	14.02	15.00
3GPP Rel 6	HSUPA Subtest-3	15.03	15.10	15.11	16.00	15.02	15.15	15.12	16.00
3GPP Rel 6	HSUPA Subtest-4	14.03	14.13	14.05	15.00	14.08	14.23	14.08	15.00
3GPP Rel 6	HSUPA Subtest-5	16.14	16.06	16.16	17.00	16.00	16.17	16.09	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.61	13.66	13.61	14.50	13.55	13.68	13.55	14.50



LTE Band 12 Ant 0

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)								
				704	707.5	711		
10	QPSK	1	0	23.15	23.16	23.12	24	0
10	QPSK	1	25	22.85	22.81	23.04		
10	QPSK	1	49	23.07	23.03	22.92		
10	QPSK	25	0	22.10	22.17	22.06	23	1
10	QPSK	25	15	21.89	22.00	21.85		
10	QPSK	25	25	22.01	22.16	21.85		
10	QPSK	50	0	21.95	22.01	21.96	23	1
10	16QAM	1	0	22.42	22.41	22.44		
10	16QAM	1	25	22.46	22.40	22.39		
10	16QAM	1	49	22.27	22.30	22.39	22	2
10	16QAM	25	0	21.15	21.10	21.15		
10	16QAM	25	12	21.23	21.10	21.21		
10	16QAM	25	25	21.20	21.27	21.20	21	3
10	16QAM	50	0	21.21	21.11	21.24		
10	64QAM	1	0	21.35	21.26	21.24		
10	64QAM	1	25	21.32	21.45	21.44	22	2
10	64QAM	1	49	21.35	21.43	21.46		
10	64QAM	25	0	19.98	20.14	20.11		
10	64QAM	25	12	20.06	20.06	20.14	21	3
10	64QAM	25	25	20.08	20.17	20.13		
10	64QAM	50	0	20.16	20.18	20.07		
Channel								
Frequency (MHz)								
				707.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.84	22.10	22.81	24	0
5	QPSK	1	12	22.77	22.82	23.05		
5	QPSK	1	24	22.92	22.92	22.88		
5	QPSK	12	0	22.12	22.05	22.04	23	1
5	QPSK	12	7	21.80	21.87	21.81		
5	QPSK	12	13	21.92	22.14	21.73		
5	QPSK	25	0	21.74	21.86	21.75	23	1
5	16QAM	1	0	22.36	22.22	22.33		
5	16QAM	1	12	22.30	22.30	22.34		
5	16QAM	1	24	22.16	22.33	22.21	22	2
5	16QAM	12	0	21.21	21.03	21.17		
5	16QAM	12	7	21.23	20.96	21.07		
5	16QAM	12	13	21.08	21.15	21.09	22	2
5	16QAM	25	0	21.00	21.02	21.06		
5	64QAM	1	0	21.35	21.28	21.23		
5	64QAM	1	12	21.18	21.46	21.32	22	2
5	64QAM	1	24	21.22	21.41	21.26		
5	64QAM	12	0	19.99	20.07	20.03		
5	64QAM	12	7	19.98	20.02	20.09	21	3
5	64QAM	12	13	20.07	20.13	20.02		
5	64QAM	25	0	20.01	20.12	19.97		
Channel								
Frequency (MHz)								
				707.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	23.10	22.95	23.24	24	0
3	QPSK	1	8	22.90	22.92	23.02		
3	QPSK	1	14	22.80	22.83	22.85		
3	QPSK	8	0	22.08	22.15	21.96	23	1
3	QPSK	8	4	21.76	21.86	21.67		
3	QPSK	8	7	21.81	22.12	21.85		
3	QPSK	15	0	21.94	21.95	21.85	23	1
3	16QAM	1	0	22.41	22.21	22.29		
3	16QAM	1	8	22.33	22.27	22.15		
3	16QAM	1	14	22.25	22.31	22.21	23	1
3	16QAM	8	0	21.73	21.52	21.77		
3	16QAM	8	4	21.04	21.09	21.18		
3	16QAM	8	7	20.98	21.20	21.02	22	2
3	16QAM	15	0	21.12	20.91	21.23		
3	64QAM	1	0	21.31	21.08	21.12		
3	64QAM	1	8	21.24	21.31	21.39	22	2
3	64QAM	1	14	21.31	21.31	21.43		
3	64QAM	8	0	19.80	19.87	19.86		
3	64QAM	8	4	19.97	19.90	20.15	21	3
3	64QAM	8	7	19.92	20.15	20.12		
3	64QAM	15	0	20.15	20.00	19.91		
Channel								
Frequency (MHz)								
				707.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	23.10	22.96	22.99	24	0
1.4	QPSK	1	3	22.83	23.00	22.98		
1.4	QPSK	1	5	22.99	23.02	22.79		
1.4	QPSK	3	0	23.01	23.01	23.12	23	1
1.4	QPSK	3	1	22.77	22.85	22.80		
1.4	QPSK	3	3	22.86	22.93	22.91		
1.4	QPSK	6	0	21.92	21.84	21.87	23	1
1.4	16QAM	1	0	22.27	22.21	22.31		
1.4	16QAM	1	3	22.45	22.33	22.34		
1.4	16QAM	1	5	22.16	22.24	22.26	23	1
1.4	16QAM	3	0	22.05	22.17	21.85		
1.4	16QAM	3	1	21.70	21.93	21.83		
1.4	16QAM	3	3	21.90	22.17	21.82	22	2
1.4	16QAM	6	0	21.13	20.92	21.04		
1.4	64QAM	1	0	21.26	21.26	21.14		
1.4	64QAM	1	3	21.15	21.25	21.25	22	2
1.4	64QAM	1	5	21.17	21.23	21.25		
1.4	64QAM	3	0	21.02	21.12	21.14		
1.4	64QAM	3	1	21.24	21.07	21.05	21	3
1.4	64QAM	3	3	21.17	21.25	21.12		
1.4	64QAM	6	0	20.06	19.99	19.90		



LTE Band 2 Ant 1

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	16.91	17.15	16.98	18	0
20	QPSK	1	49	16.95	16.95	16.77		
20	QPSK	1	99	16.84	16.95	16.88	18	0
20	QPSK	50	0	16.84	17.09	16.87		
20	QPSK	24	0	16.76	17.01	16.97	18	0
20	QPSK	50	50	16.77	17.01	16.99		
20	QPSK	100	0	16.86	16.95	16.91	18	0
20	QPSK	1	0	16.89	17.07	16.88		
20	16QAM	1	49	16.73	16.78	16.78	18	0
20	16QAM	1	99	16.82	16.99	16.80		
20	16QAM	50	0	16.79	17.02	16.82	18	0
20	16QAM	50	24	16.83	17.12	16.88		
20	16QAM	50	24	16.83	17.12	16.88	18	0
20	16QAM	50	0	16.82	17.02	16.90		
20	16QAM	100	0	16.84	17.08	16.77	18	0
20	16QAM	1	0	16.88	16.95	16.87		
20	16QAM	1	49	16.70	17.13	16.85	18	0
20	16QAM	1	99	16.70	16.89	16.85		
20	16QAM	50	0	16.72	17.13	16.91	18	0
20	16QAM	50	24	16.82	16.94	16.94		
20	16QAM	50	50	16.78	17.00	16.97	18	0
20	16QAM	100	0	16.84	17.12	16.76		
Channel								
Frequency (MHz)								
15	QPSK	1	0	16.80	17.12	16.83	18	0
15	QPSK	1	37	16.80	16.80	16.69		
15	QPSK	1	74	16.82	16.83	16.69	18	0
15	QPSK	36	0	16.85	17.08	16.87		
15	QPSK	36	20	16.66	16.82	16.82	18	0
15	QPSK	36	39	16.75	16.84	16.95		
15	QPSK	0	75	16.84	16.93	16.82	18	0
15	QPSK	1	0	16.72	17.02	16.86		
15	16QAM	1	37	16.73	17.07	16.89	18	0
15	16QAM	1	74	16.85	16.95	16.91		
15	16QAM	36	0	16.87	16.87	16.65	18	0
15	16QAM	36	20	16.80	16.85	16.88		
15	16QAM	36	39	16.84	16.80	16.83	18	0
15	16QAM	75	0	16.82	16.89	16.87		
15	16QAM	1	0	16.78	16.81	16.67	18	0
15	16QAM	1	37	16.48	16.91	16.73		
15	16QAM	1	74	16.49	16.88	16.66	18	0
15	16QAM	36	0	16.83	16.85	16.83		
15	16QAM	36	20	16.68	16.74	16.73	18	0
15	16QAM	36	39	16.62	16.86	16.87		
15	16QAM	75	0	16.74	17.03	16.78	18	0
15	16QAM	1	0	16.73	16.97	16.66		
15	16QAM	1	25	16.68	16.97	16.75	18	0
15	16QAM	1	49	16.68	16.86	16.73		
15	16QAM	25	0	16.69	17.11	16.78	18	0
15	16QAM	25	12	16.77	16.91	16.93		
15	16QAM	25	12	16.84	16.86	16.98	18	0
15	16QAM	50	0	16.86	17.03	16.85		
Channel								
Frequency (MHz)								
5	QPSK	1	0	16.72	17.03	16.85	18	0
5	QPSK	1	12	16.86	16.81	16.87		
5	QPSK	1	24	16.84	16.87	16.86	18	0
5	QPSK	12	0	16.68	17.07	16.77		
5	QPSK	12	13	16.67	16.82	16.78	18	0
5	QPSK	12	13	16.68	16.67	16.66		
5	QPSK	25	0	16.81	16.79	16.82	18	0
5	QPSK	25	12	16.89	16.99	16.79		
5	16QAM	1	12	16.85	17.05	16.82	18	0
5	16QAM	1	24	16.77	16.99	16.87		
5	16QAM	12	0	16.69	16.89	16.70	18	0
5	16QAM	12	7	16.84	17.02	16.86		
5	16QAM	12	7	16.87	16.85	16.80	18	0
5	16QAM	25	0	16.67	17.01	16.67		
5	16QAM	1	0	16.87	16.89	16.82	18	0
5	16QAM	1	12	16.81	16.85	16.76		
5	16QAM	1	24	16.86	16.88	16.69	18	0
5	16QAM	12	0	16.63	17.07	16.85		
5	16QAM	12	7	16.78	16.87	16.82	18	0
5	16QAM	12	13	16.67	16.89	16.75		
5	16QAM	25	0	16.63	17.06	16.72	18	0
5	16QAM	25	0	16.63	16.90	16.85		
Channel								
Frequency (MHz)								
3	QPSK	1	0	16.70	16.98	16.79	18	0
3	QPSK	1	8	16.78	16.87	16.99		
3	QPSK	1	14	16.75	16.79	16.80	18	0
3	QPSK	8	0	16.83	16.88	16.80		
3	QPSK	8	4	16.84	16.92	16.83	18	0
3	QPSK	8	7	16.76	16.84	16.93		
3	QPSK	15	0	16.78	16.89	16.80	18	0
3	16QAM	1	0	16.69	17.08	16.76		
3	16QAM	1	8	16.67	16.99	16.70	18	0
3	16QAM	1	14	16.81	16.85	16.82		
3	16QAM	8	0	16.88	16.89	16.83	18	0
3	16QAM	8	4	16.77	16.88	16.85		
3	16QAM	8	7	16.84	17.04	16.91	18	0
3	16QAM	15	0	16.76	16.86	16.73		
3	16QAM	1	0	16.70	16.88	16.74	18	0
3	16QAM	1	8	16.81	16.88	16.80		
3	16QAM	1	14	16.84	16.88	16.81	18	0
3	16QAM	8	0	16.72	16.89	16.81		
3	16QAM	8	4	16.65	16.77	16.84	18	0
3	16QAM	8	7	16.76	16.90	16.95		
3	16QAM	15	0	16.74	16.94	16.95	18	0
3	16QAM	15	0	16.67	16.90	16.85		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	16.73	17.05	16.95	18	0
1.4	QPSK	1	3	16.75	16.83	16.85		
1.4	QPSK	1	5	16.74	16.82	16.86	18	0
1.4	QPSK	3	0	16.71	16.92	16.98		
1.4	QPSK	3	1	16.88	16.95	16.85	18	0
1.4	QPSK	3	3	16.73	16.82	16.98		
1.4	QPSK	6	0	16.83	16.76	16.74	18	0
1.4	16QAM	1	0	16.69	16.88	16.87		
1.4	16QAM	1	3	16.81	16.81	16.82	18	0
1.4	16QAM	1	5	16.78	16.88	16.89		
1.4	16QAM	3	0	16.68	16.81	16.75	18	0
1.4	16QAM	3	1	16.87	16.87	16.84		
1.4	16QAM	3	3	16.67	16.82	16.81	18	0
1.4	16QAM	6	0	16.72	17.08	16.84		
1.4	16QAM	1	0	16.80	16.79	16.84	18	0
1.4	16QAM	1	3	16.72	16.81	16.82		
1.4	16QAM	1	5	16.65	16.84	16.87	18	0
1.4	16QAM	3	0	16.52	16.95	16.75		
1.4	16QAM	3	1	16.66	16.92	16.91	18	0
1.4	16QAM	3	3	16.69	16.98	16.96		
1.4	16QAM	6	0	16.78	17.06	16.76	18	0
1.4	16QAM	6	0	16.78	16.95	16.76		

LTE Band 4 Ant 1

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	16.82	17.08	16.88	18	0
20	QPSK	1	49	16.83	17.01	16.79		
20	QPSK	1	99	16.65	17.01	16.77	18	0
20	QPSK	50	0	16.61	16.95	16.69		
20	QPSK	24	0	16.82	17.00	16.87	18	0
20	QPSK	50	50	16.74	16.88	16.86		
20	QPSK	100	0	16.80	17.02	16.88	18	0
20	QPSK	1	0	16.83	17.00	16.82		
20	16QAM	1	49	16.69	17.01	16.75	18	0
20	16QAM	1	99	16.62	17.03	16.80		
20	16QAM	50	24	16.88	16.97	16.79	18	0
20	16QAM	50	0	16.77	16.90	16.87		
20	16QAM	100	0	16.71	17.05	16.78	18	0
20	16QAM	1	0	16.83	16.99	16.72		
20	16QAM	1	49	16.72	16.87	16.82	18	0
20	16QAM	1	99	16.77	17.07	16.79		
20	16QAM	50	0	16.80	17.02	16.70	18	0
20	16QAM	50	24	16.73	17.00	16.71		
20	16QAM	50	50	16.81	17.07	16.85	18	0
20	16QAM	100	0	16.76	16.97	16.67		
Channel								
Frequency (MHz)								
15	QPSK	1	0	16.73	17.23	17.13	18	0
15	QPSK	1	37	16.82	16.87	16.76		
15	QPSK	1	74	16.82	16.83	16.68	18	0
15	QPSK	36	0	16.60	16.84	16.69		
15	QPSK	36	20	16.66	16.74	16.69	18	0
15	QPSK	36	39					



LTE Band 41 Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power High Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				39750	40185	40620	41055	41490	
20	QPSK	1	0	15.27	15.34	15.31	15.27	15.24	
20	QPSK	1	49	15.28	15.17	15.26	15.13	15.17	
20	QPSK	1	99	15.26	15.26	15.23	15.20	15.16	
20	QPSK	50	0	15.29	15.21	15.33	15.16	15.14	
20	QPSK	50	24	15.17	15.15	15.28	15.20	15.12	
20	QPSK	50	50	15.27	15.21	15.31	15.12	15.07	
20	QPSK	100	0	15.18	15.17	15.26	15.17	15.10	
20	16QAM	1	0	15.14	15.35	15.23	15.09	15.09	
20	16QAM	1	49	15.22	15.17	15.26	15.23	15.10	
20	16QAM	1	99	15.25	15.30	15.27	15.18	15.04	
20	16QAM	50	0	15.12	15.34	15.26	15.28	15.20	
20	16QAM	50	24	15.22	15.30	15.15	15.24	15.21	
20	16QAM	50	50	15.26	15.15	15.18	15.11	15.24	
20	16QAM	100	0	15.10	15.28	15.20	15.13	15.19	
20	16QAM	1	0	15.25	15.13	15.21	15.12	15.11	
20	16QAM	1	49	15.25	15.25	15.30	15.25	15.20	
20	16QAM	1	99	15.17	15.31	15.21	15.00	15.00	
20	16QAM	50	0	15.14	15.23	15.19	15.28	15.09	
20	16QAM	50	24	15.06	15.30	15.20	15.09	15.19	
20	16QAM	50	50	15.09	15.21	15.36	15.21	15.15	
20	16QAM	100	0	15.11	15.25	15.18	15.06	15.11	
Channel									
Frequency (MHz)				39725	40173	40620	41055	41510	
15	QPSK	1	0	15.12	15.20	15.30	15.21	15.04	
15	QPSK	1	37	15.08	15.35	15.19	15.06	15.02	
15	QPSK	1	74	15.05	15.04	15.27	15.13	15.05	
15	QPSK	36	0	15.26	15.20	15.20	14.96	15.02	
15	QPSK	36	20	15.07	15.06	15.08	15.19	14.95	
15	QPSK	36	39	15.20	15.15	15.20	15.12	14.95	
15	QPSK	75	0	15.14	15.00	15.20	15.05	14.93	
15	16QAM	1	0	15.19	15.00	15.20	15.14	14.92	
15	16QAM	1	37	15.17	15.00	15.13	14.99	14.96	
15	16QAM	1	74	15.12	15.29	15.26	15.07	14.84	
15	16QAM	36	0	15.06	15.13	15.23	15.13	15.07	
15	16QAM	36	20	15.03	15.14	15.19	15.07	15.12	
15	16QAM	36	39	15.09	15.12	15.01	14.91	15.17	
15	16QAM	75	0	15.03	15.09	15.21	14.96	15.04	
15	16QAM	1	0	15.09	15.08	15.18	15.12	15.08	
15	16QAM	1	37	15.11	15.11	15.22	15.00	14.94	
15	16QAM	1	74	15.04	15.24	15.03	15.16	15.03	
15	16QAM	36	0	15.03	15.09	15.06	15.28	15.06	
15	16QAM	36	20	14.90	15.14	15.10	15.09	15.06	
15	16QAM	36	39	14.89	15.00	15.22	15.15	15.15	
15	16QAM	75	0	14.95	15.16	15.17	15.06	15.03	
Channel									
Frequency (MHz)				3991	2547	2593	2639	2685	
10	QPSK	1	0	15.22	15.23	15.18	15.07	15.19	
10	QPSK	1	25	15.23	15.03	15.10	14.96	15.11	
10	QPSK	1	49	15.10	15.07	15.18	15.09	14.89	
10	QPSK	25	0	15.28	15.14	15.15	15.16	15.11	
10	QPSK	25	12	15.14	15.11	15.17	15.13	14.98	
10	QPSK	25	25	15.08	15.18	15.32	14.97	14.87	
10	QPSK	50	0	15.19	15.10	15.28	15.06	14.93	
10	16QAM	1	0	15.14	15.19	15.01	15.04	15.03	
10	16QAM	1	25	15.19	15.16	15.16	15.07	15.00	
10	16QAM	1	49	15.21	15.23	15.15	15.02	14.94	
10	16QAM	25	0	15.07	15.13	15.09	15.30	15.17	
10	16QAM	25	12	15.10	15.05	15.03	15.06	15.12	
10	16QAM	25	25	15.22	15.12	15.20	14.93	15.13	
10	16QAM	50	0	15.10	15.14	15.27	15.06	15.03	
10	16QAM	1	0	15.24	14.96	15.12	15.01	15.01	
10	16QAM	1	25	15.17	15.13	15.23	15.20	15.10	
10	16QAM	1	49	15.14	15.12	15.11	14.94	14.80	
10	16QAM	25	0	15.10	15.18	15.00	15.24	15.04	
10	16QAM	25	12	14.90	15.22	15.29	15.08	15.14	
10	16QAM	25	25	14.97	15.01	15.21	15.14	15.11	
10	16QAM	50	0	14.97	15.16	15.06	14.91	14.94	
Channel									
Frequency (MHz)				38675	40146	40620	41093	41565	
5	QPSK	1	0	15.22	15.27	15.27	15.22	15.22	
5	QPSK	1	12	15.11	14.97	15.09	15.06	15.17	
5	QPSK	1	24	15.08	15.13	15.21	15.13	15.06	
5	QPSK	12	0	15.23	15.09	15.10	15.10	14.97	
5	QPSK	12	7	14.99	15.14	15.21	15.08	14.90	
5	QPSK	12	13	15.24	15.20	15.20	15.13	14.85	
5	QPSK	25	0	15.11	15.15	15.23	15.00	15.00	
5	16QAM	1	0	14.99	15.26	15.18	14.92	15.01	
5	16QAM	1	12	15.14	14.98	15.14	15.21	14.91	
5	16QAM	1	24	15.10	15.25	15.16	15.12	15.02	
5	16QAM	12	0	14.94	15.13	15.24	15.28	15.22	
5	16QAM	12	7	15.17	15.27	15.13	15.14	15.20	
5	16QAM	12	13	15.18	15.06	15.16	15.01	15.07	
5	16QAM	25	0	14.97	15.11	15.15	14.96	14.92	
5	16QAM	1	0	15.24	15.05	15.02	15.07	14.95	
5	16QAM	1	12	15.25	15.26	15.21	15.16	15.03	
5	16QAM	1	24	15.08	15.23	15.10	14.87	15.00	
5	16QAM	12	0	14.94	15.16	15.12	15.09	15.11	
5	16QAM	12	7	15.07	15.30	15.27	15.06	14.99	
5	16QAM	12	13	14.86	15.19	15.27	15.03	14.89	
5	16QAM	25	0	15.01	15.19	15.11	14.84	15.03	

LTE Band 42 Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				42190	42590	42990		
20	QPSK	1	0	14.70	14.50	14.70		
20	QPSK	1	49	14.61	14.73	14.77		
20	QPSK	1	99	14.68	14.68	14.77		
20	QPSK	50	0	14.67	14.50	14.77		
20	QPSK	50	24	14.61	14.72	14.57		
20	QPSK	50	50	14.52	14.61	14.49		
20	QPSK	100	0	14.58	14.79	14.38		
20	16QAM	1	0	14.63	14.74	14.37		
20	16QAM	1	49	14.66	14.78	14.43		
20	16QAM	1	99	14.49	14.73	14.70		
20	16QAM	50	0	14.12	14.70	14.44		
20	16QAM	50	24	14.65	14.67	14.44		
20	16QAM	50	50	14.69	14.84	14.69		
20	16QAM	100	0	14.53	14.68	14.47		
20	16QAM	1	0	14.68	14.55	14.55		
20	16QAM	1	49	14.54	14.85	14.66		
20	16QAM	1	99	14.61	14.72	14.66		
20	16QAM	50	0	14.58	14.69	14.69		
20	16QAM	50	24	14.65	14.74	14.64		
20	16QAM	50	50	14.62	14.67	14.61		
20	16QAM	100	0	14.64	14.71	14.65		
Channel								
Frequency (MHz)				42190	42590	42990		
15	QPSK	1	0	14.62	14.67	14.69		
15	QPSK	1	37	14.60	14.69	14.69		
15	QPSK	1	74	14.65	14.69	14.55		
15	QPSK	36	0	14.51	14.73	14.76		
15	QPSK	36	20	14.66	14.65	14.50		
15	QPSK	36	39	14.44	14.62	14.34		
15	QPSK	75	0	14.53	14.65	14.25		
15	16QAM	1	0	14.74	14.74	14.82		
15	16QAM	1	37	14.50	14.79	14.74		
15	16QAM	1	74	14.41	14.62	14.54		
15	16QAM	36	0	14.50	14.61	14.38		
15	16QAM	36	20	14.66	14.83	14.42		
15	16QAM	36	39	14.69	14.81	14.65		
15	16QAM	75	0	14.65	14.70	14.37		
15	16QAM	1	0	14.52	14.61	14.56		
15	16QAM	1	37	14.40	14.75	14.47		



<2.4GHz WLAN>

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	11.04	13.00	99.66
	6	2437	11.09	13.00	
	11	2462	11.10	13.00	
802.11g 6Mbps	1	2412	11.04	13.00	97.46
	6	2437	11.03	13.00	
	11	2462	11.02	13.00	
802.11n-HT20 MCS0	1	2412	11.03	13.00	97.30
	6	2437	11.02	13.00	
	11	2462	11.01	13.00	
802.11n-HT40 MCS0	3	2422	11.05	13.00	94.62
	6	2437	11.04	13.00	
	9	2452	11.04	13.00	

<5.2GHz WLAN>

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	10.56	12.50	97.47
	40	5200	10.53	12.50	
	44	5220	10.51	12.50	
	48	5240	10.52	12.50	
802.11n-HT20 MCS0	36	5180	10.53	12.50	97.30
	40	5200	10.54	12.50	
	44	5220	10.53	12.50	
	48	5240	10.55	12.50	
802.11n-HT40 MCS0	38	5190	10.53	12.50	94.62
	46	5230	10.62	12.50	
	36	5180	10.54	12.50	
	40	5200	10.55	12.50	
802.11ac-VHT20 MCS0	44	5220	10.55	12.50	97.31
	48	5240	10.57	12.50	
	38	5180	10.55	12.50	
	46	5230	10.54	12.50	
802.11ac-VHT80 MCS0	47	5210	10.53	12.49	82.42

<5.3GHz WLAN>

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	10.60	12.50	97.47
	56	5280	10.63	12.50	
	60	5300	10.54	12.50	
	64	5320	10.52	12.50	
802.11n-HT20 MCS0	52	5260	10.54	12.50	97.30
	56	5280	10.53	12.50	
	60	5300	10.55	12.50	
	64	5320	10.54	12.50	
802.11n-HT40 MCS0	54	5270	10.52	12.50	94.62
	52	5260	10.53	12.50	
	62	5280	10.64	12.50	
	56	5280	10.55	12.50	
802.11ac-VHT20 MCS0	60	5300	10.55	12.50	97.31
	64	5320	10.56	12.50	
	54	5270	10.57	12.50	
	62	5290	10.56	12.50	
802.11ac-VHT80 MCS0	63	5290	10.51	12.49	82.42

<5.8GHz WLAN>

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5900	10.52	12.50	97.47
	116	5880	10.69	12.50	
	124	5920	10.51	12.50	
	132	5960	10.98	12.50	
	140	5700	10.84	12.50	
802.11n-HT20 MCS0	100	5900	10.54	12.50	97.30
	116	5880	10.53	12.50	
	124	5920	10.52	12.50	
	132	5960	10.79	12.50	
	140	5700	10.60	12.50	
802.11n-HT40 MCS0	102	5510	10.51	12.50	94.62
	110	5550	10.53	12.50	
	126	5930	10.52	12.50	
	134	5970	10.72	12.50	
	142	5710	10.64	12.50	
802.11ac-VHT20 MCS0	100	5900	10.56	12.50	97.31
	116	5880	10.55	12.50	
	124	5920	10.55	12.50	
	132	5960	10.87	12.50	
	140	5700	10.68	12.50	
802.11ac-VHT40 MCS0	102	5510	10.54	12.50	94.65
	110	5550	10.56	12.50	
	126	5930	10.53	12.50	
	134	5970	10.83	12.50	
	142	5710	10.75	12.50	
802.11ac-VHT80 MCS0	106	5530	10.53	12.48	82.42

<5.8GHz WLAN>

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	148	5745	10.58	12.50	97.47
	157	5785	10.52	12.50	
	165	5825	10.53	12.50	
802.11n-HT20 MCS0	148	5745	10.52	12.50	97.30
	157	5785	10.53	12.50	
	165	5825	10.52	12.50	
802.11n-HT40 MCS0	151	5755	10.51	12.50	94.62
	159	5795	10.54	12.50	
	168	5835	10.56	12.50	
802.11ac-VHT20 MCS0	149	5745	10.56	12.50	97.31
	157	5785	10.56	12.50	
	166	5820	10.54	12.50	
802.11ac-VHT40 MCS0	151	5755	10.54	12.50	94.65
	159	5795	10.57	12.50	
	165	5775	10.51	12.48	
802.11ac-VHT80 MCS0	165	5775	10.51	12.48	82.42

<Bluetooth>

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	3Mbps	5Mbps
BR / EDR	CH 00	2402	12.37	12.42	12.75
	CH 39	2441	12.21	10.28	10.33
	CH 38	2480	12.21	10.43	10.39
	Take-up Limit		14	12	12

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	3Mbps	5Mbps
LE	CH 00	2402	4.45		
	CH 19	2440	4.75		
	CH 38	2480	4.95		
	Take-up Limit		6.00		

BLE 2M

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	3Mbps	5Mbps
LE	CH 01	2404	4.91		
	CH 19	2440	4.92		
	CH 38	2478	4.92		
	Take-up Limit		6.50		