



Full & Default Power Mode & ECI 4 Power

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	193	199	251		524.2	536.4	548.8	
TX Channel	193	199	251	Limit	524.2	536.4	548.8	Limit
Frequency (MHz)	824.2	836.4	848.8					
GSM 1 Tx slot	32.27	32.42	32.24	<b>33.50</b>	23.27	23.42	23.24	24.50
GPRS 1 Tx slot	32.33	32.38	32.31	<b>33.50</b>	23.33	23.38	23.31	24.50
GPRS 2 Tx slots	30.23	30.24	30.20	<b>31.50</b>	24.23	24.24	24.20	25.50
GPRS 3 Tx slots	28.08	28.18	28.14	<b>29.50</b>	23.80	23.92	23.88	25.24
GPRS 4 Tx slots	26.12	26.24	26.11	<b>27.00</b>	23.12	23.24	23.11	24.50
EDGE 1 Tx slot	26.11	26.21	26.16	<b>27.50</b>	17.11	17.21	17.16	18.50
EDGE 2 Tx slots	24.14	24.22	24.18	<b>25.50</b>	18.14	18.22	18.18	19.50
EDGE 3 Tx slots	21.89	21.99	21.93	<b>23.50</b>	17.63	17.73	17.67	18.24
EDGE 4 Tx slots	19.75	19.86	19.86	<b>21.00</b>	16.75	16.86	16.86	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	152.2	155.0	157.8		152.2	155.0	157.8	
GSM 1 Tx slot	29.56	29.59	29.52	<b>30.50</b>	20.56	20.59	20.52	21.50
GPRS 1 Tx slot	29.47	29.56	29.41	<b>30.50</b>	20.47	20.56	20.41	21.50
GPRS 2 Tx slots	27.25	27.27	27.19	<b>28.50</b>	21.25	21.27	21.19	22.50
GPRS 3 Tx slots	25.27	25.28	25.25	<b>26.50</b>	21.01	21.02	20.99	22.24
GPRS 4 Tx slots	23.25	23.29	23.24	<b>24.50</b>	20.25	20.29	20.24	21.50
EDGE 1 Tx slot	25.39	25.47	25.32	<b>26.50</b>	16.39	16.47	16.32	17.50
EDGE 2 Tx slots	23.46	23.52	23.51	<b>24.50</b>	17.46	17.52	17.51	18.50
EDGE 3 Tx slots	21.43	21.44	21.35	<b>22.50</b>	17.17	17.18	17.09	18.24
EDGE 4 Tx slots	19.29	19.38	19.23	<b>20.50</b>	16.29	16.38	16.23	17.50

Band	WCDMA R_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538		4132	4182	4233	
TX Channel	9262	9400	9538	Limit	4132	4182	4233	Limit
Rx Channel	9662	9800	9938		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2kops	23.02	23.24	23.19	<b>24.00</b>	23.23	23.25	23.25	<b>24.00</b>
3GPP Rel 99 TMC 12.2kops	23.01	23.26	23.13	<b>24.00</b>	23.26	23.32	23.27	<b>24.00</b>
3GPP Rel 6 HSDPA Subtest-1	22.18	22.17	22.18	<b>23.00</b>	22.40	22.40	22.40	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-2	22.07	22.11	22.10	<b>23.00</b>	22.40	22.28	22.31	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-3	21.64	21.63	21.63	<b>22.50</b>	21.85	21.82	21.78	<b>22.50</b>
3GPP Rel 6 HSDPA Subtest-4	21.61	21.56	21.64	<b>22.50</b>	21.86	21.78	21.75	<b>22.50</b>
3GPP Rel 6 DC-HSDPA Subtest-1	22.48	22.45	22.39	<b>23.00</b>	22.53	22.54	22.50	<b>23.00</b>
3GPP Rel 6 DC-HSDPA Subtest-2	22.61	22.64	22.50	<b>23.00</b>	22.48	22.58	22.64	<b>23.00</b>
3GPP Rel 6 DC-HSDPA Subtest-3	21.87	21.82	21.93	<b>22.50</b>	22.06	22.06	22.01	<b>22.50</b>
3GPP Rel 6 DC-HSDPA Subtest-4	21.90	21.95	22.05	<b>22.50</b>	22.00	22.05	22.02	<b>22.50</b>
3GPP Rel 6 HSUPA Subtest-1	20.21	20.23	20.20	<b>21.50</b>	20.29	20.26	20.32	<b>21.50</b>
3GPP Rel 6 HSUPA Subtest-2	20.25	20.21	20.17	<b>21.00</b>	20.21	20.18	20.23	<b>21.50</b>
3GPP Rel 6 HSUPA Subtest-3	21.19	21.22	21.20	<b>22.50</b>	21.24	21.20	21.26	<b>22.50</b>
3GPP Rel 6 HSUPA Subtest-4	19.75	19.74	19.73	<b>21.00</b>	18.79	18.78	18.80	<b>21.00</b>
3GPP Rel 6 HSUPA Subtest-5	21.10	21.10	21.10	<b>22.50</b>	21.70	21.10	21.20	<b>22.50</b>
3GPP Rel 7 HSPA+ (10QAM) Subtest-1	19.97	19.81	19.90	<b>21.00</b>	19.89	19.95	19.86	<b>21.00</b>

Band 2_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)										
20	QPSK	1	0	22.50	22.97	22.86				
20	QPSK	1	49	22.84	23.04	23.03	24	0		
20	QPSK	1	59	22.84	23.04	23.03				
20	QPSK	50	0	21.82	21.93	21.92				
20	QPSK	50	24	21.69	21.80	21.82				
20	QPSK	50	50	21.71	21.81	21.82	23	1		
20	QPSK	100	0	21.74	21.85	21.78				
20	16QAM	1	0	21.69	21.91	21.82				
20	16QAM	1	49	21.80	21.87	21.81	23	1		
20	16QAM	1	99	21.67	21.90	21.87				
20	16QAM	50	0	20.78	20.90	20.90				
20	16QAM	50	24	20.72	20.82	20.90	22	2		
20	16QAM	50	50	20.68	20.89	20.82				
20	16QAM	100	0	20.80	20.82	20.87				
20	64QAM	1	0	20.77	20.79	20.86				
20	64QAM	1	49	20.71	20.81	20.91	22	2		
20	64QAM	1	99	20.74	20.91	20.78				
20	64QAM	50	0	19.72	19.89	19.90				
20	64QAM	50	24	19.81	19.88	19.85				
20	64QAM	50	50	19.80	19.92	19.78				
20	64QAM	100	0	19.81	19.88	19.86	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.87	22.90	22.92				
15	QPSK	1	37	23.00	23.01	22.99	24	0		
15	QPSK	1	74	22.99	22.95	22.91				
15	QPSK	36	0	21.80	21.91	21.87				
15	QPSK	36	20	21.70	21.70	21.74	23	1		
15	QPSK	36	39	21.71	21.78	21.82				
15	QPSK	75	0	21.84	21.83	21.77				
15	16QAM	1	0	21.83	21.80	21.85				
15	16QAM	1	37	21.85	21.73	21.85	23	1		
15	16QAM	1	74	21.75	21.80	21.86				
15	16QAM	36	0	20.82	20.81	20.81				
15	16QAM	36	20	20.74	20.74	20.76	22	2		
15	16QAM	36	39	20.77	20.75	20.83				
15	16QAM	75	0	20.69	20.72	20.75				
15	64QAM	1	0	20.68	20.72	20.64				
15	64QAM	1	37	20.69	20.66	20.72	22	2		
15	64QAM	1	74	20.85	20.85	20.89				
15	64QAM	36	0	19.76	19.78	19.81				
15	64QAM	36	20	19.80	19.78	19.85	21	3		
15	64QAM	36	39	19.82	19.79	19.82				
15	64QAM	75	0	19.74	19.79	19.77				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.85	22.84	22.96				
10	QPSK	1	25	22.98	22.92	22.91	24	0		
10	QPSK	1	49	23.00	22.91	22.94				
10	QPSK	25	0	21.62	21.70	21.90				
10	QPSK	25	12	21.67	21.68	21.76	23	1		
10	QPSK	25	25	21.80	21.74	21.73				
10	QPSK	50	0	21.77	21.76	21.83				
10	16QAM	1	0	21.78	21.88	21.77				
10	16QAM	1	25	21.74	21.82	21.83	23	1		
10	16QAM	1	49	21.78	21.79	21.90				
10	16QAM	25	0	20.80	20.79	20.79				
10	16QAM	25	12	20.76	20.71	20.74	22	2		
10	16QAM	25	25	20.81	20.78	20.78				
10	16QAM	50	0	20.80	20.78	20.67				
10	64QAM	1	0	20.64	20.75	20.66				
10	64QAM	1	25	20.69	20.88	20.86	22	2		
10	64QAM	1	49	20.79	20.87	20.90				
10	64QAM	25	0	19.84	19.88	19.79				
10	64QAM	25	12	19.73	19.78	19.85	21	3		
10	64QAM	25	25	19.78	19.79	19.79				
10	64QAM	50	0	19.82	19.83	19.74				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.82	22.78	22.95				
5	QPSK	1	12	22.97	22.92	23.01	24	0		
5	QPSK	1	24	23.03	22.89	22.92				
5	QPSK	12	0	21.87	21.81	21.81				
5	QPSK	12	7	21.78	21.86	21.70	23	1		
5	QPSK	12	13	21.84	21.73	21.75				
5	QPSK	25	0	21.82	21.78	21.80				
5	16QAM	1	0	21.73	21.89	21.74				
5	16QAM	1	12	21.79	21.84	21.83	23	1		
5	16QAM	1	24	21.77	21.84	21.84				
5	16QAM	12	0	20.83	20.85	20.79				
5	16QAM	12	7	20.68	20.64	20.78	22	2		
5	16QAM	12	13	20.87	20.88	20.86				
5	16QAM	25	0	20.70	20.74	20.78				
5	64QAM	1	0	20.73	20.70	20.69				
5	64QAM	1	12	20.64	20.64	20.76	22	2		
5	64QAM	1	24	20.73	20.81	20.76				
5	64QAM	12	0	19.73	19.71	19.81				
5	64QAM	12	7	19.75	19.84	19.80	21	3		
5	64QAM	12	13	19.74	19.85	19.90				
5	64QAM	25	0	19.70	19.75	19.69				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.87	22.96	22.89				
3	QPSK	1	8	22.98	22.91	22.97	24	0		
3	QPSK	1	14	22.88	22.86	22.95				
3	QPSK	8	0	21.80	21.79	21.80				
3	QPSK	8	4	21.69	21.64	21.64	23	1		
3	QPSK	8	7	21.64	21.72	21.64				
3	QPSK	15	0	21.81	21.69	21.78				
3	16QAM	1	0	21.83	21.78	21.88				
3	16QAM	1	8	21.76	21.82	21.86	23	1		
3	16QAM	1	14	21.77	21.73	21.73				
3	16QAM	8	0	20.81	20.85	20.82				
3	16QAM	8	4	20.69	20.70	20.73	22	2		
3	16QAM	8	7	20.77	20.79	20.75				
3	16QAM	15	0	20.70	20.80	20.74				
3	64QAM	1	0	20.74	20.74	20.73				
3	64QAM	1	8	20.75	20.75	20.63	22	2		
3	64QAM	1	14	20.89	20.82	20.76				
3	64QAM	8	0	19.81	19.81	19.79				
3	64QAM	8	4	19.80	19.78	19.77	21	3		
3	64QAM	8	7	19.78	19.79	19.76				
3	64QAM	15	0	19.74	19.78	19.71				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.88	22.95	22.82				
1.4	QPSK	1	3	22.86	22.95	22.94	24	0		
1.4	QPSK	1	5	22.97	22.94	23.00				
1.4	QPSK	3	0	22.73	22.79	22.64				
1.4	QPSK	3	1	22.57	22.58	22.54				
1.4	QPSK	3	3	22.63	22.69	22.52				
1.4	QPSK	6	0	21.67	21.68	21.83	23	1		
1.4	16QAM	1	0	21.82	21.77	21.82				
1.4	16QAM	1	3	21.84	21.84	21.75				
1.4	16QAM	1	5	21.87	21.89	21.75	23	1		
1.4	16QAM	3	0	21.65	21.78	21.61				
1.4	16QAM	3	1	21.67	21.66	21.55				
1.4	16QAM	3	3	21.75	21.64	21.72				
1.4	16QAM	6	0	20.67	20.67	20.79	22	2		
1.4	16QAM	6	0	20.65	20.70	20.70				
1.4	64QAM	1	3	20.76	20.71	20.77				
1.4	64QAM	1	5	20.87	20.80	20.88	22	2		
1.4	64QAM	3	0	20.75	20.76	20.63				
1.4	64QAM	3	1	20.60	20.59	20.69				
1.4	64QAM	3	3	20.72	20.80	20.72				
1.4	64QAM	6	0	19.86	19.76	19.71	21	3		



Band 5_Ant 3										
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	22.47	22.60	22.44				
10	QPSK	1	25	22.52	22.65	22.51	24	0		
10	QPSK	1	49	22.44	22.62	22.50				
10	QPSK	25	0	21.51	21.62	21.46				
10	QPSK	25	12	21.46	21.53	21.38				
10	QPSK	25	25	21.43	21.50	21.37	23	1		
10	QPSK	50	0	21.49	21.53	21.44				
10	16QAM	1	0	21.33	21.49	21.39				
10	16QAM	1	25	21.34	21.49	21.42	23	1		
10	16QAM	1	49	21.45	21.60	21.44				
10	16QAM	25	0	20.43	20.60	20.37				
10	16QAM	25	12	20.41	20.54	20.32	22	2		
10	16QAM	25	25	20.36	20.58	20.41				
10	16QAM	50	0	20.42	20.54	20.32				
10	64QAM	1	0	20.36	20.60	20.39				
10	64QAM	1	25	20.37	20.52	20.32	22	2		
10	64QAM	1	49	20.39	20.49	20.43				
10	64QAM	25	0	19.48	19.52	19.37				
10	64QAM	25	12	19.39	19.54	19.43	21	3		
10	64QAM	25	25	19.43	19.49	19.45				
10	64QAM	50	0	19.42	19.51	19.43				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.51	22.51	22.52				
5	QPSK	1	12	22.61	22.49	22.54	24	0		
5	QPSK	1	24	22.54	22.56	22.44				
5	QPSK	12	0	21.57	21.50	21.61				
5	QPSK	12	7	21.44	21.43	21.51	23	1		
5	QPSK	12	13	21.43	21.40	21.33				
5	QPSK	25	0	21.44	21.42	21.51				
5	16QAM	1	0	21.42	21.38	21.31				
5	16QAM	1	12	21.35	21.45	21.45	23	1		
5	16QAM	1	24	21.44	21.49	21.55				
5	16QAM	12	0	20.53	20.54	20.50				
5	16QAM	12	7	20.56	20.37	20.37	22	2		
5	16QAM	12	13	20.55	20.46	20.53				
5	16QAM	25	0	20.48	20.50	20.45				
5	64QAM	1	0	20.42	20.55	20.57				
5	64QAM	1	12	20.35	20.47	20.49	22	2		
5	64QAM	1	24	20.47	20.47	20.48				
5	64QAM	12	0	19.36	19.46	19.42				
5	64QAM	12	7	19.42	19.37	19.43	21	3		
5	64QAM	12	13	19.33	19.39	19.40				
5	64QAM	25	0	19.49	19.40	19.39				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.59	22.56	22.51				
3	QPSK	1	8	22.59	22.59	22.52	24	0		
3	QPSK	1	14	22.56	22.54	22.56				
3	QPSK	8	0	21.60	21.46	21.50				
3	QPSK	8	4	21.51	21.37	21.38	23	1		
3	QPSK	8	7	21.38	21.36	21.45				
3	QPSK	15	0	21.51	21.37	21.47				
3	16QAM	1	0	21.41	21.41	21.42				
3	16QAM	1	8	21.38	21.38	21.44	23	1		
3	16QAM	1	14	21.53	21.44	21.54				
3	16QAM	8	0	20.47	20.44	20.52				
3	16QAM	8	4	20.47	20.37	20.53	22	2		
3	16QAM	8	7	20.51	20.52	20.49				
3	16QAM	15	0	20.46	20.41	20.46				
3	64QAM	1	0	20.55	20.57	20.50				
3	64QAM	1	8	20.40	20.36	20.51	22	2		
3	64QAM	1	14	20.43	20.36	20.43				
3	64QAM	8	0	19.43	19.39	19.35				
3	64QAM	8	4	19.48	19.46	19.52	21	3		
3	64QAM	8	7	19.36	19.35	19.40				
3	64QAM	15	0	19.47	19.48	19.36				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.46	22.40	22.56				
1.4	QPSK	1	3	22.53	22.63	22.56	24	0		
1.4	QPSK	1	5	22.59	22.51	22.53				
1.4	QPSK	3	0	22.36	22.39	22.48				
1.4	QPSK	3	1	22.38	22.27	22.37				
1.4	QPSK	3	3	22.38	22.23	22.23	23	1		
1.4	QPSK	6	0	21.44	21.39	21.38				
1.4	16QAM	1	0	21.36	21.31	21.44				
1.4	16QAM	1	3	21.38	21.44	21.38	23	1		
1.4	16QAM	1	5	21.48	21.42	21.42				
1.4	16QAM	3	0	21.46	21.44	21.32	23	1		
1.4	16QAM	3	1	21.41	21.39	21.28				
1.4	16QAM	3	3	21.43	21.39	21.35	22	2		
1.4	16QAM	6	0	20.46	20.41	20.44				
1.4	64QAM	1	0	20.49	20.48	20.58				
1.4	64QAM	1	3	20.34	20.40	20.46	22	2		
1.4	64QAM	1	5	20.48	20.41	20.37				
1.4	64QAM	3	0	20.27	20.26	20.34	22	2		
1.4	64QAM	3	1	20.26	20.41	20.32				
1.4	64QAM	3	3	20.34	20.26	20.32				
1.4	64QAM	6	0	19.42	19.50	19.50	21	3		

Band 7_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)										
20	QPSK	1	0	23.20	23.43	23.39				
20	QPSK	1	49	23.33	23.46	23.40	24	0		
20	QPSK	1	99	23.25	23.47	23.36				
20	QPSK	50	0	22.19	22.37	22.27				
20	QPSK	50	24	22.18	22.33	22.14	23	1		
20	QPSK	50	50	22.18	22.26	22.21				
20	QPSK	100	0	22.12	22.34	22.15				
20	16QAM	1	0	22.12	22.22	22.16				
20	16QAM	1	49	22.04	22.27	22.23	23	1		
20	16QAM	1	99	22.03	22.33	22.15				
20	16QAM	50	0	21.18	21.25	21.16				
20	16QAM	50	24	21.06	21.36	21.21	22	2		
20	16QAM	50	50	21.18	21.27	21.18				
20	16QAM	100	0	21.11	21.24	21.26				
20	64QAM	1	39	21.09	21.36	21.25				
20	64QAM	1	49	21.10	21.26	21.26	22	2		
20	64QAM	1	99	21.11	21.24	21.24				
20	64QAM	50	0	20.15	20.34	20.25				
20	64QAM	50	24	20.08	20.32	20.18	21	3		
20	64QAM	50	50	20.16	20.28	20.15				
20	64QAM	100	0	20.17	20.34	20.15				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.35	23.36	23.32				
15	QPSK	1	37	23.40	23.45	23.47	24	0		
15	QPSK	1	74	23.37	23.32	23.39				
15	QPSK	36	0	22.36	22.27	22.31				
15	QPSK	36	20	22.27	22.15	22.26	23	1		
15	QPSK	36	39	22.08	22.20	22.15				
15	QPSK	75	0	22.22	22.29	22.16				
15	16QAM	1	0	22.08	22.20	22.13				
15	16QAM	1	37	22.26	22.12	22.19	23	1		
15	16QAM	1	74	22.23	22.18	22.21				
15	16QAM	36	0	21.21	21.08	21.20				
15	16QAM	36	20	21.10	21.34	21.27	22	2		
15	16QAM	36	39	21.10	21.26	21.18				
15	16QAM	75	0	21.11	21.16	21.09				
15	64QAM	1	0	21.30	21.34	21.21				
15	64QAM	1	37	21.10	21.22	21.21	22	2		
15	64QAM	1	74	21.15	21.06	21.11				
15	64QAM	36	0	20.25	20.22	20.31				
15	64QAM	36	20	20.15	20.21	20.20	21	3		
15	64QAM	36	39							



Band 38_Ant 0										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.87	22.99	22.85	24	0		
20	QPSK	1	49	22.17	22.35	22.11				
20	QPSK	99	0	22.87	22.99	22.85				
20	QPSK	50	0	22.07	22.19	22.15				
20	QPSK	50	24	22.06	22.17	22.08	23	1		
20	QPSK	50	50	22.04	22.15	22.12				
20	QPSK	100	0	22.11	22.17	22.14				
20	16QAM	1	0	22.01	22.15	22.00	23	1		
20	16QAM	50	24	22.01	22.09	22.01				
20	16QAM	1	99	21.98	22.10	21.95				
20	16QAM	50	1	21.16	21.20	21.02				
20	16QAM	50	24	21.11	21.12	21.05				
20	16QAM	50	50	21.06	21.10	21.05	22	2		
20	16QAM	100	0	20.97	21.08	20.90				
20	16QAM	50	24	20.91	20.98	20.91				
20	16QAM	1	99	21.04	21.21	21.09	22	2		
20	16QAM	1	99	21.00	21.18	21.06				
20	16QAM	50	0	20.12	20.18	20.00				
20	16QAM	50	24	20.14	20.12	20.08	21	3		
20	16QAM	100	0	20.17	20.22	20.08				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.81	22.99	22.83				
15	QPSK	1	37	22.18	22.17	22.15	24	0		
15	QPSK	1	74	22.90	22.85	22.79				
15	QPSK	36	0	22.05	22.14	22.08				
15	QPSK	36	20	22.01	22.00	22.00	23	1		
15	QPSK	36	39	22.17	22.08	22.00				
15	16QAM	1	0	21.99	22.05	21.98				
15	16QAM	1	37	21.99	22.02	22.04	23	1		
15	16QAM	36	0	21.13	21.19	21.14				
15	16QAM	36	20	20.92	21.05	21.05	22	2		
15	16QAM	75	0	20.95	21.01	20.98				
15	16QAM	1	0	20.85	21.08	21.03	22	2		
15	16QAM	1	0	20.82	21.09	21.03				
15	16QAM	1	74	21.13	20.99	21.14				
15	16QAM	36	0	18.99	18.15	18.14	21	3		
15	16QAM	36	20	19.02	18.08	18.11				
15	16QAM	36	39	18.98	18.07	18.08				
15	16QAM	75	0	20.17	20.07	20.18				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.73	22.95	22.75				
10	QPSK	1	49	22.15	22.18	22.14	24	0		
10	QPSK	25	0	22.03	22.10	22.02				
10	QPSK	25	13	22.00	22.12	22.01	23	1		
10	QPSK	25	25	22.15	22.03	22.11				
10	QPSK	50	0	22.10	22.04	22.14				
10	16QAM	1	25	21.94	22.11	22.00	23	1		
10	16QAM	1	49	21.98	21.99	22.01				
10	16QAM	50	0	21.05	20.95	21.01	22	2		
10	16QAM	50	12	20.95	20.97	20.98				
10	16QAM	1	0	21.01	21.05	21.09				
10	16QAM	1	25	21.15	21.18	21.04	22	2		
10	16QAM	1	49	21.06	21.15	21.00				
10	16QAM	25	0	20.11	20.08	20.12				
10	16QAM	25	12	18.94	18.06	18.06	21	3		
10	16QAM	25	25	20.01	19.96	20.07				
10	16QAM	50	0	20.15	20.07	20.19				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.92	22.86	22.88				
5	QPSK	1	12	23.12	23.08	23.09	24	0		
5	QPSK	1	24	22.83	22.99	22.84				
5	QPSK	12	0	22.09	22.17	22.12				
5	QPSK	12	7	22.00	22.03	22.13	23	1		
5	QPSK	25	0	22.10	22.13	22.08				
5	16QAM	1	0	22.00	22.05	22.03	23	1		
5	16QAM	1	12	21.91	21.18	21.14				
5	16QAM	1	24	21.94	21.08	21.04				
5	16QAM	12	0	21.06	21.09	21.03	22	2		
5	16QAM	12	13	21.04	21.05	21.09				
5	16QAM	25	0	20.93	20.99	21.04				
5	16QAM	25	0	20.95	20.99	21.03				
5	16QAM	1	12	21.10	21.17	21.10	22	2		
5	16QAM	1	24	21.08	21.15	20.99				
5	16QAM	12	0	20.06	20.02	20.12				
5	16QAM	12	7	19.95	19.98	20.01	21	3		
5	16QAM	12	13	19.98	19.90	19.90				
5	16QAM	25	0	20.05	20.00	20.07				

Band 38_Ant 3										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.15	22.26	22.11	24	0		
20	QPSK	1	49	22.43	22.48	22.25				
20	QPSK	99	0	22.15	22.26	22.11				
20	QPSK	50	0	21.08	21.11	21.05				
20	QPSK	50	24	21.03	21.07	21.01	23	1		
20	QPSK	50	50	21.03	21.02	21.01				
20	QPSK	100	0	21.01	21.11	21.08				
20	16QAM	1	0	21.25	21.51	21.36	23	1		
20	16QAM	50	24	21.02	21.47	21.25				
20	16QAM	1	99	21.33	21.41	21.33				
20	16QAM	50	1	20.24	20.51	20.24				
20	16QAM	50	24	20.25	20.45	20.45	22	2		
20	16QAM	50	50	20.44	20.37	20.38				
20	16QAM	100	0	20.28	20.40	20.20				
20	16QAM	50	24	20.21	20.48	20.32				
20	16QAM	1	99	20.45	20.38	20.37	22	2		
20	16QAM	1	99	20.27	20.32	20.28				
20	16QAM	50	0	19.26	19.31	19.30				
20	16QAM	50	24	19.47	19.33	19.32	21	3		
20	16QAM	50	50	19.43	19.28	19.43				
20	16QAM	100	0	19.30	19.40	19.35				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.05	22.19	22.04				
15	QPSK	1	37	22.43	22.45	22.39	24	0		
15	QPSK	1	74	22.00	22.01	22.03				
15	QPSK	36	0	21.00	21.11	21.05				
15	QPSK	36	20	21.01	21.07	21.00	23	1		
15	QPSK	36	39	21.02	21.08	21.02				
15	16QAM	1	0	21.25	21.44	21.33	23	1		
15	16QAM	1	37	21.25	21.39	21.25				
15	16QAM	36	0	20.25	20.28	20.28	22	2		
15	16QAM	36	20	20.26	20.42	20.38				
15	16QAM	75	0	20.27	20.36	20.33				
15	16QAM	1	0	20.25	20.44	20.32	22	2		
15	16QAM	1	0	21.13	21.13	21.13				
15	16QAM	1	74	20.28	20.33	20.30				
15	16QAM	36	0	18.25	18.30	18.30	21	3		
15	16QAM	36	20	18.43	18.28	18.43				
15	16QAM	36	39	18.39	18.35	18.37				
15	16QAM	75	0	18.30	18.44	18.24				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.06	22.20	22.07				
10	QPSK	1	25	22.40	22.48	22.27	24	0		
10	QPSK	1	49	22.02	22.02	22.04				
10	QPSK	25	0	21.05	21.21	21.04				
10	QPSK	25	13	21.02	21.19	21.08	23	1		
10	QPSK	25	25	21.11	21.07	21.10				
10	QPSK	50	0	21.01	21.14	21.03				
10	16QAM	1	25	21.30	21.38	21.21	23	1		
10	16QAM	1	49	21.30	21.31	21.23				
10	16QAM	25	0	20.30	20.31	20.41	22	2		
10	16QAM	25	12							

Reduced Power Mode for ECI2

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	261		128	189	261	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)								
GSM 1 Tx slot	32.27	32.42	32.24	<b>33.50</b>	23.27	23.42	23.24	24.50
GPRS 1 Tx slots	32.33	32.38	32.31	<b>33.50</b>	23.33	23.38	23.31	24.50
GPRS 2 Tx slots	30.23	30.24	30.20	<b>31.50</b>	24.23	24.24	24.20	25.50
GPRS 3 Tx slots	28.09	28.18	28.14	<b>29.50</b>	23.80	23.92	23.88	25.24
GPRS 4 Tx slots	28.12	28.24	28.11	<b>27.50</b>	23.12	23.24	23.11	24.50
EDGE 1 Tx slot	26.11	26.21	26.16	<b>27.50</b>	17.11	17.21	17.16	18.50
EDGE 2 Tx slots	24.14	24.22	24.16	<b>25.50</b>	16.14	16.22	16.16	18.50
EDGE 3 Tx slots	21.89	21.99	21.93	<b>23.50</b>	17.63	17.73	17.67	19.24
EDGE 4 Tx slots	19.75	19.89	19.86	<b>21.00</b>	16.75	16.89	16.86	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	861	810		512	861	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)								
GSM 1 Tx slot	29.56	29.59	29.52	<b>30.50</b>	20.56	20.59	20.52	21.50
GPRS 1 Tx slot	29.47	29.56	29.41	<b>30.50</b>	20.47	20.56	20.41	21.50
GPRS 2 Tx slots	27.25	27.27	27.19	<b>28.50</b>	21.25	21.27	21.19	22.50
GPRS 3 Tx slots	25.27	25.28	25.25	<b>26.50</b>	21.01	21.02	20.99	22.24
GPRS 4 Tx slots	23.25	23.28	23.24	<b>24.50</b>	20.25	20.28	20.24	21.50
EDGE 1 Tx slot	25.39	25.47	25.32	<b>26.50</b>	16.39	16.47	16.32	17.50
EDGE 2 Tx slots	23.46	23.52	23.51	<b>24.50</b>	17.46	17.52	17.51	18.50
EDGE 3 Tx slots	21.43	21.44	21.35	<b>22.50</b>	17.17	17.18	17.09	18.24
EDGE 4 Tx slots	19.29	19.38	19.23	<b>20.50</b>	16.29	16.38	16.23	17.50

Band	WCDMA # Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9638		4132	4182	4233	
TX Channel	9662	9600	9938		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.8		834.4	834.4	848.8	
3GPP Rel 99 AMR 12.2Kbps	23.02	23.24	23.19	<b>24.00</b>	23.23	23.25	23.25	<b>24.00</b>
3GPP Rel 99 RMC 12.2Kbps	23.01	23.29	23.13	<b>24.00</b>	23.26	23.32	23.27	<b>24.00</b>
3GPP Rel 6 HSDPA Subtest-1	22.18	22.17	22.18	<b>23.00</b>	22.40	22.40	22.40	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-2	22.07	22.11	22.10	<b>23.00</b>	22.40	22.28	22.31	<b>23.00</b>
3GPP Rel 6 HSDPA Subtest-3	21.64	21.63	21.63	<b>22.50</b>	21.85	21.82	21.78	<b>22.50</b>
3GPP Rel 6 HSDPA Subtest-4	21.61	21.66	21.64	<b>22.50</b>	21.86	21.78	21.75	<b>22.50</b>
3GPP Rel 6 DC-HSDPA Subtest-1	22.49	22.45	22.39	<b>23.00</b>	22.53	22.54	22.50	<b>23.00</b>
3GPP Rel 6 DC-HSDPA Subtest-2	22.61	22.54	22.50	<b>23.00</b>	22.48	22.58	22.64	<b>23.00</b>
3GPP Rel 6 DC-HSDPA Subtest-3	21.87	21.92	21.93	<b>22.50</b>	22.06	22.06	22.01	<b>22.50</b>
3GPP Rel 6 DC-HSDPA Subtest-4	21.90	21.95	22.05	<b>22.50</b>	22.00	22.05	22.02	<b>22.50</b>
3GPP Rel 6 HSUPA Subtest-1	20.21	20.23	20.20	<b>21.00</b>	20.29	20.28	20.32	<b>21.50</b>
3GPP Rel 6 HSUPA Subtest-2	20.25	20.21	20.17	<b>21.00</b>	20.21	20.18	20.23	<b>21.00</b>
3GPP Rel 6 HSUPA Subtest-3	21.19	21.22	21.20	<b>22.50</b>	21.24	21.20	21.28	<b>22.50</b>
3GPP Rel 6 HSUPA Subtest-4	19.75	19.74	19.73	<b>21.00</b>	19.79	19.76	19.80	<b>21.00</b>
3GPP Rel 6 HSUPA Subtest-5	21.10	21.10	21.10	<b>22.50</b>	21.70	21.10	21.20	<b>22.50</b>
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	19.97	19.81	19.80	<b>21.00</b>	19.89	19.95	19.86	<b>21.00</b>

Band 2_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)										
18700 18800 19100										
20	QPSK	1	0	22.50	22.97	22.86				
20	QPSK	1	49	22.84	23.04	23.00	24	0		
20	QPSK	1	59	22.84	23.04	23.00				
20	QPSK	50	0	21.82	21.93	21.92				
20	QPSK	50	24	21.89	21.80	21.82	23	1		
20	QPSK	50	50	21.71	21.81	21.82				
20	QPSK	100	0	21.74	21.85	21.78				
20	16QAM	1	0	21.89	21.91	21.82				
20	16QAM	1	49	21.80	21.87	21.81	23	1		
20	16QAM	1	99	21.87	21.90	21.87				
20	16QAM	50	0	20.78	20.90	20.90				
20	16QAM	50	24	20.72	20.82	20.90	22	2		
20	16QAM	50	50	20.68	20.89	20.82				
20	16QAM	100	0	20.80	20.82	20.87				
20	64QAM	1	0	20.77	20.79	20.86				
20	64QAM	1	49	20.71	20.81	20.91	22	2		
20	64QAM	1	99	20.74	20.91	20.78				
20	64QAM	50	0	19.72	19.89	19.90				
20	64QAM	50	24	19.81	19.88	19.85	21	3		
20	64QAM	50	50	19.80	19.92	19.78				
20	64QAM	100	0	19.87	19.90	19.86				
Channel										
Frequency (MHz)										
1857.5 1880 19125										
15	QPSK	1	0	22.87	22.90	22.92				
15	QPSK	1	37	23.00	23.01	22.99	24	0		
15	QPSK	1	74	22.99	22.95	22.91				
15	QPSK	36	0	21.80	21.91	21.87				
15	QPSK	36	20	21.70	21.70	21.74	23	1		
15	QPSK	36	39	21.71	21.79	21.80				
15	QPSK	75	0	21.84	21.83	21.77				
15	16QAM	1	0	21.83	21.80	21.85				
15	16QAM	1	37	21.85	21.73	21.85	23	1		
15	16QAM	1	74	21.75	21.80	21.86				
15	16QAM	36	0	20.82	20.81	20.81				
15	16QAM	36	20	20.74	20.74	20.79	22	2		
15	16QAM	36	39	20.77	20.75	20.83				
15	16QAM	75	0	20.69	20.72	20.75				
15	64QAM	1	0	20.68	20.72	20.64				
15	64QAM	1	37	20.69	20.66	20.72	22	2		
15	64QAM	1	74	20.85	20.85	20.89				
15	64QAM	36	0	19.76	19.79	19.81				
15	64QAM	36	20	19.80	19.79	19.85	21	3		
15	64QAM	36	39	19.82	19.79	19.82				
15	64QAM	75	0	19.74	19.79	19.77				
Channel										
Frequency (MHz)										
1855 1880 1905										
10	QPSK	1	0	22.85	22.84	22.96				
10	QPSK	1	25	22.98	22.92	22.91	24	0		
10	QPSK	1	49	23.00	22.91	22.94				
10	QPSK	25	0	21.82	21.80	21.80				
10	QPSK	25	12	21.67	21.68	21.76	23	1		
10	QPSK	25	25	21.80	21.74	21.73				
10	QPSK	50	0	21.77	21.75	21.83				
10	16QAM	1	0	21.78	21.88	21.77				
10	16QAM	1	25	21.74	21.82	21.83	23	1		
10	16QAM	1	49	21.78	21.79	21.80				
10	16QAM	25	0	20.80	20.79	20.79				
10	16QAM	25	12	20.76	20.71	20.74	22	2		
10	16QAM	25	25	20.81	20.78	20.78				
10	16QAM	50	0	20.80	20.78	20.67				
10	64QAM	1	0	20.64	20.75	20.66				
10	64QAM	1	25	20.69	20.80	20.80	22	2		
10	64QAM	1	49	20.79	20.87	20.90				
10	64QAM	25	0	19.84	19.88	19.79				
10	64QAM	25	12	19.73	19.78	19.85	21	3		
10	64QAM	25	25	19.78	19.79	19.79				
10	64QAM	50	0	19.82	19.83	19.74				
Channel										
Frequency (MHz)										
1862.5 1880 1917.5										
5	QPSK	1	0	22.82	22.79	22.95				
5	QPSK	1	12	22.97	22.92	23.01	24	0		
5	QPSK	1	24	23.03	22.89	22.92				
5	QPSK	12	0	21.87	21.81	21.81				
5	QPSK	12	7	21.78	21.86	21.70	23	1		
5	QPSK	12	13	21.84	21.73	21.75				
5	QPSK	25	0	21.83	21.79	21.80				
5	16QAM	1	0	21.73	21.89	21.74				
5	16QAM	1	12	21.79	21.84	21.83	23	1		
5	16QAM	1	24	21.77	21.84	21.84				
5	16QAM	12	0	20.83	20.85	20.79				
5	16QAM	12	7	20.68	20.64	20.78	22	2		
5	16QAM	12	13	20.70	20.88	20.88				
5	16QAM	25	0	20.70	20.74	20.78				
5	64QAM	1	0	20.73	20.70	20.69				
5	64QAM	1	12	20.64	20.64	20.76	22	2		
5	64QAM	1	24	20.73	20.81	20.78				
5	64QAM	12	0	19.73	19.71	19.81				
5	64QAM	12	7	19.75	19.84	19.80	21	3		
5	64QAM	12	13	19.74	19.85	19.90				
5	64QAM	25	0	19.70	19.75	19.69				
Channel										
Frequency (MHz)										
1851.5 1880 1909.5										
3	QPSK	1	0	22.87	22.96	22.89				
3	QPSK	1	8	22.98	22.91	22.97	24	0		
3	QPSK	1	14	22.88	22.86	22.95				
3	QPSK	8	0	21.80	21.79	21.80				
3	QPSK	8	4	21.69	21.64	21.64	23	1		
3	QPSK	8	7	21.64	21.72	21.64				
3	QPSK	15	0	21.81	21.69	21.78				
3	16QAM	1	0	21.83	21.78	21.88				
3	16QAM	1	8	21.76	21.82	21.86	23	1		
3	16QAM	1	14	21.77	21.73	21.73				
3	16QAM	8	0	20.81	20.85	20.82				
3	16QAM	8	4	20.69	20.70	20.73	22	2		
3	16QAM	8	7	20.77	20.79	20.75				
3	16QAM	15	0	20.70	20.80	20.74				
3	64QAM	1	0	20.74	20.74	20.73				
3	64QAM	1	8	20.75	20.75	20.63	22	2		
3	64QAM	1	14	20.89	20.82	20.76				
3	64QAM	8	0	19.81	19.81	19.79				
3	64QAM	8	4	19.80	19.78	19.77	21	3		
3	64QAM	8	7	19.78	19.79	19.76				
3	64QAM	15	0	19.74	19.78	19.71				
Channel										
Frequency (MHz)										
1850.7 1880 1919.3										
1.4	QPSK	1	0	22.88	22.95	22.82				
1.4	QPSK	1	3	22.86	22.95	22.94	24	0		
1.4	QPSK	1	5	22.97	22.94	23.00				
1.4	QPSK	3	0	22.73	22.79	22.64				
1.4	QPSK	3	1	22.57	22.58	22.54				
1.4	QPSK	3	3	22.63	22.69	22.52				
1.4	QPSK	6	0	21.67	21.68	21.83	23	1		
1.4	16QAM	1	0	21.82	21.77	21.82				
1.4	16QAM	1	3	21.84	21.84	21.75				
1.4	16QAM	1	5	21.87	21.89	21.75	23	1		
1.4	16QAM	3	0	21.65	21.78	21.61				
1.4	16QAM	3	1	21.67	21.65	21.55				
1.4	16QAM	3	3	21.75	21.64	21.72				
1.4	16QAM	6	0	20.67	20.67	20.79	22	2		
1.4	64QAM	1	0	20.65	20.70	20.72				
1.4	64QAM	1	3	20.76	20.71	20.77				
1.4	64QAM	1	5	20.87	20.80	20.88				
1.4	64QAM	3	0	20.75	20.76	20.63				
1.4	64QAM	3	1	20.60	20.59	20.69	22	2		
1.4	64QAM	3								



Band 5_Ant 3											
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				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	20.42	20.50	20.44					
10	QPSK	1	25	20.52	20.65	20.58	22	0			
10	QPSK	1	49	20.52	20.61	20.55					
10	QPSK	25	0	19.56	19.66	19.46					
10	QPSK	25	12	19.42	19.57	19.40					
10	QPSK	25	25	19.33	19.54	19.37	21	1			
10	QPSK	50	0	19.42	19.54	19.46					
10	16QAM	1	0	19.36	19.51	19.45					
10	16QAM	1	25	19.28	19.56	19.55	21	1			
10	16QAM	1	49	19.37	19.67	19.48					
10	16QAM	25	0	18.41	18.59	18.29					
10	16QAM	25	12	18.38	18.57	18.42	20	2			
10	16QAM	25	25	18.42	18.58	18.44					
10	16QAM	50	0	18.37	18.46	18.33					
10	64QAM	1	0	18.35	18.50	18.38					
10	64QAM	1	25	18.33	18.55	18.41	20	2			
10	64QAM	1	49	18.32	18.43	18.53					
10	64QAM	25	0	17.56	17.54	17.38					
10	64QAM	25	12	17.36	17.58	17.36	19	3			
10	64QAM	25	25	17.42	17.40	17.47					
10	64QAM	50	0	17.50	17.56	17.40					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	20.48	20.53	20.59					
5	QPSK	1	12	20.57	20.51	20.58	22	0			
5	QPSK	1	24	20.52	20.64	20.50					
5	QPSK	12	0	19.63	19.57	19.70					
5	QPSK	12	7	19.52	19.34	19.61	21	1			
5	QPSK	12	13	19.44	19.30	19.43					
5	QPSK	25	0	19.34	19.48	19.41					
5	16QAM	1	0	19.42	19.45	19.40					
5	16QAM	1	12	19.41	19.42	19.46	21	1			
5	16QAM	1	24	19.41	19.44	19.46					
5	16QAM	12	0	18.55	18.44	18.53					
5	16QAM	12	7	18.33	18.36	18.35	20	2			
5	16QAM	12	13	18.59	18.47	18.57					
5	16QAM	25	0	18.40	18.42	18.49					
5	64QAM	1	0	18.35	18.59	18.57					
5	64QAM	1	12	18.40	18.43	18.53	20	2			
5	64QAM	1	24	18.55	18.43	18.38					
5	64QAM	12	0	17.35	17.49	17.33					
5	64QAM	12	7	17.39	17.32	17.50	19	3			
5	64QAM	12	13	17.42	17.49	17.39					
5	64QAM	25	0	17.39	17.43	17.36					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	20.57	20.56	20.44					
3	QPSK	1	8	20.63	20.57	20.61	22	0			
3	QPSK	1	14	20.58	20.48	20.58					
3	QPSK	8	0	19.51	19.53	19.41					
3	QPSK	8	4	19.57	19.45	19.43	21	1			
3	QPSK	8	7	19.30	19.39	19.38					
3	QPSK	15	0	19.57	19.40	19.40					
3	16QAM	1	0	19.44	19.50	19.51					
3	16QAM	1	8	19.33	19.32	19.34	21	1			
3	16QAM	1	14	19.60	19.43	19.50					
3	16QAM	8	0	18.50	18.45	18.48					
3	16QAM	8	4	18.52	18.40	18.58	20	2			
3	16QAM	8	7	18.50	18.43	18.54					
3	16QAM	15	0	18.56	18.31	18.36					
3	64QAM	1	0	18.48	18.61	18.40					
3	64QAM	1	8	18.44	18.34	18.54	20	2			
3	64QAM	1	14	18.48	18.44	18.52					
3	64QAM	8	0	17.47	17.30	17.27					
3	64QAM	8	4	17.49	17.36	17.54	19	3			
3	64QAM	8	7	17.42	17.28	17.33					
3	64QAM	15	0	17.45	17.40	17.37					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	20.56	20.54	20.53					
1.4	QPSK	1	3	20.63	20.54	20.58	22	0			
1.4	QPSK	1	5	20.49	20.52	20.57					
1.4	QPSK	3	0	20.38	20.40	20.38					
1.4	QPSK	3	1	20.34	20.17	20.33					
1.4	QPSK	3	3	20.44	20.26	20.27					
1.4	QPSK	6	0	19.43	19.42	19.39	21	1			
1.4	16QAM	1	0	19.28	19.36	19.44					
1.4	16QAM	1	3	19.44	19.46	19.26					
1.4	16QAM	1	5	19.58	19.37	19.39	21	1			
1.4	16QAM	3	0	19.40	19.53	19.23					
1.4	16QAM	3	1	19.31	19.38	19.25					
1.4	16QAM	3	3	19.41	19.37	19.41	20	2			
1.4	16QAM	6	0	18.46	18.39	18.36					
1.4	64QAM	1	0	18.47	18.50	18.55					
1.4	64QAM	1	3	18.32	18.33	18.53					
1.4	64QAM	1	5	18.50	18.51	18.43	21	2			
1.4	64QAM	3	0	18.28	18.16	18.29					
1.4	64QAM	3	1	18.29	18.34	18.24					
1.4	64QAM	3	3	18.39	18.34	18.35	19	3			
1.4	64QAM	6	0	17.35	17.58	17.46					

Band 7_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				20850	21100	21350					
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	23.20	23.43	23.39					
20	QPSK	1	49	23.33	23.45	23.40	24	0			
20	QPSK	1	99	23.25	23.47	23.36					
20	QPSK	50	0	22.19	22.37	22.27					
20	QPSK	50	24	22.18	22.33	22.14	23	1			
20	QPSK	50	50	22.18	22.26	22.21					
20	QPSK	100	0	22.12	22.34	22.15					
20	16QAM	1	0	22.12	22.22	22.16					
20	16QAM	1	49	22.04	22.27	22.23	23	1			
20	16QAM	1	99	22.03	22.33	22.15					
20	16QAM	50	0	21.18	21.25	21.16					
20	16QAM	50	24	21.06	21.36	21.21	22	2			
20	16QAM	50	50	21.18	21.27	21.18					
20	16QAM	100	0	21.11	21.24	21.26					
20	64QAM	1	0	21.09	21.36	21.25					
20	64QAM	1	49	21.10	21.26	21.24	22	2			
20	64QAM	1	99	21.11	21.24	21.24					
20	64QAM	50	0	20.15	20.34	20.25					
20	64QAM	50	24	20.08	20.32	20.18	21	3			
20	64QAM	50	50	20.16	20.28	20.16					
20	64QAM	100	0	20.17	20.34	20.15					
Channel				20825	21100	21375					
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	23.35	23.26	23.32					
15	QPSK	1	37	23.40	23.45	23.47	24	0			
15	QPSK	1	74	23.37	23.32	23.39					
15	QPSK	36	0	22.36	22.27	22.31					
15	QPSK	36	20	22.27	22.15	22.26	23	1			
15	QPSK	36	39	22.08	22.20	22.15					
15	QPSK	75	0	22.22	22.29	22.16					
15	16QAM	1	0	22.08	22.20	22.13					
15	16QAM	1	37	22.26	22.12	22.19	23	1			
15	16QAM	1	74	22.23	22.18	22.21					
15	16QAM	36	0	21.21	21.08	21.20					
15	16QAM	36	20	21.10	21.34	21.27	22	2			
15	16QAM	36	39	21.19	21.26	21.18</					



Band 38_Ant 0										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.87	22.99	22.85	24	0		
20	QPSK	1	49	23.17	23.29	23.13				
20	QPSK	1	99	23.47	23.59	23.43				
20	QPSK	50	0	22.07	22.19	22.15				
20	QPSK	50	24	22.06	22.17	22.08	23	1		
20	QPSK	50	50	22.04	22.15	22.12				
20	QPSK	100	0	22.11	22.17	22.14				
20	16QAM	1	0	22.01	22.15	22.00	23	1		
20	16QAM	1	49	22.07	22.22	22.00				
20	16QAM	1	99	21.88	22.10	21.85				
20	16QAM	50	1	21.16	21.20	21.02				
20	16QAM	50	24	21.11	21.22	21.05				
20	16QAM	50	50	21.06	21.10	21.05	22	2		
20	16QAM	100	0	20.97	21.08	20.90				
20	16QAM	100	49	21.11	21.22	21.05				
20	16QAM	1	49	21.04	21.21	21.09	22	2		
20	16QAM	1	99	21.00	21.18	21.06				
20	16QAM	50	0	20.12	20.18	20.00				
20	16QAM	50	24	20.04	20.12	20.08	21	3		
20	16QAM	50	50	20.09	20.08	20.02				
20	16QAM	100	0	20.17	20.22	20.08				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.81	22.99	22.83				
15	QPSK	1	37	23.18	23.17	23.15	24	0		
15	QPSK	1	74	22.90	22.85	22.79				
15	QPSK	36	0	22.05	22.14	22.08				
15	QPSK	36	20	22.01	22.00	22.00	23	1		
15	QPSK	36	39	22.17	22.08	22.00				
15	QPSK	75	0	22.15	22.02	22.08				
15	16QAM	1	0	21.99	22.05	21.98				
15	16QAM	1	37	21.99	22.02	22.04	23	1		
15	16QAM	1	74	22.00	22.00	22.00				
15	16QAM	36	0	21.13	21.19	21.14				
15	16QAM	36	20	20.92	21.05	21.05	22	2		
15	16QAM	36	39	21.05	21.09	21.05				
15	16QAM	75	0	20.95	20.91	20.98				
15	16QAM	1	0	21.02	21.08	21.03				
15	16QAM	1	37	21.15	21.03	21.02	22	2		
15	16QAM	1	74	21.13	20.99	21.14				
15	16QAM	36	0	18.99	20.15	20.14				
15	16QAM	36	20	20.02	20.08	20.11	21	3		
15	16QAM	36	39	20.07	20.07	20.08				
15	16QAM	75	0	20.17	20.07	20.18				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.94	22.89	22.92	24	0		
10	QPSK	1	25	22.22	22.11	22.14				
10	QPSK	1	49	22.75	22.88	22.85				
10	QPSK	25	0	22.03	22.10	22.02				
10	QPSK	25	13	22.00	22.12	22.01	23	1		
10	QPSK	25	25	22.15	22.03	22.11				
10	QPSK	50	0	22.10	22.04	22.14				
10	16QAM	1	25	21.94	22.11	22.00				
10	16QAM	25	12	20.95	20.97	20.98	22	2		
10	16QAM	25	25	21.07	21.00	21.08				
10	16QAM	50	0	21.05	20.95	21.01				
10	16QAM	1	0	21.01	21.05	21.09	22	2		
10	16QAM	1	25	21.15	21.18	21.04				
10	16QAM	1	49	21.06	21.15	21.00				
10	16QAM	25	0	20.11	20.08	20.12				
10	16QAM	25	12	19.94	20.06	20.06	21	3		
10	16QAM	25	25	20.01	19.96	20.07				
10	16QAM	50	0	20.15	20.07	20.18				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.92	22.86	22.88	24	0		
5	QPSK	1	12	23.12	23.08	23.09				
5	QPSK	1	24	22.83	22.99	22.84				
5	QPSK	12	0	22.09	22.17	22.12				
5	QPSK	12	7	22.00	22.03	22.13	23	1		
5	QPSK	25	0	22.10	22.13	22.08				
5	16QAM	1	0	22.00	22.05	22.03	23	1		
5	16QAM	1	24	21.94	21.08	21.94				
5	16QAM	13	0	21.11	21.18	21.12				
5	16QAM	13	7	20.91	21.06	21.06	22	2		
5	16QAM	25	0	20.93	20.99	21.04				
5	16QAM	1	0	21.06	20.99	21.03				
5	16QAM	1	12	21.10	21.17	21.10	22	2		
5	16QAM	1	24	21.08	21.15	20.99				
5	16QAM	12	0	20.06	20.02	20.12				
5	16QAM	12	7	19.95	19.98	20.01	21	3		
5	16QAM	12	13	19.98	19.90	19.90				
5	16QAM	25	0	20.05	20.00	20.07				

Band 38_Ant 3										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	17.20	17.42	17.27	19	0		
20	QPSK	1	49	17.49	17.55	17.55				
20	QPSK	1	99	17.52	17.55	17.55				
20	QPSK	50	0	16.12	16.26	16.20				
20	QPSK	50	24	16.16	16.18	16.08	18	1		
20	QPSK	50	50	16.03	16.13	16.15				
20	QPSK	100	0	16.17	16.22	16.21				
20	16QAM	1	0	16.43	16.62	16.37	18	1		
20	16QAM	1	49	16.34	16.54	16.26				
20	16QAM	1	99	16.48	16.44	16.34				
20	16QAM	50	1	15.28	15.51	15.49				
20	16QAM	50	24	15.32	15.27	15.48	17	2		
20	16QAM	50	50	15.45	15.37	15.48				
20	16QAM	100	0	15.37	15.59	15.38				
20	16QAM	100	49	15.31	15.55	15.32				
20	16QAM	1	49	15.55	15.47	15.43	17	2		
20	16QAM	1	99	15.45	15.48	15.31				
20	16QAM	50	0	14.59	14.49	14.49				
20	16QAM	50	24	14.50	14.39	14.34	16	3		
20	16QAM	50	50	14.59	14.49	14.49				
20	16QAM	100	0	14.46	14.47	14.43				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.13	17.24	17.13				
15	QPSK	1	37	17.45	17.51	17.44	19	0		
15	QPSK	1	74	17.08	17.14	17.06				
15	QPSK	36	0	16.12	16.29	16.23				
15	QPSK	36	20	16.14	16.17	16.03	18	1		
15	QPSK	36	39	16.06	16.22	16.09				
15	QPSK	75	0	16.14	16.16	16.07				
15	16QAM	1	0	16.43	16.40	16.46	18	1		
15	16QAM	1	37	16.40	16.32	16.44				
15	16QAM	1	74	16.48	16.45	16.43				
15	16QAM	36	0	15.34	15.56	15.43	17	2		
15	16QAM	36	20	15.32	15.48	15.31				
15	16QAM	36	39	15.34	15.36	15.20	17	2		
15	16QAM	75	0	15.30	15.54	15.43				
15	16QAM	1	0	15.33	15.53	15.39	17	2		
15	16QAM	1	37	15.44	15.52	15.50				
15	16QAM	1	74	15.31	15.48	15.30				
15	16QAM	36	0	14.40	14.43	14.46				
15	16QAM	36	20	14.59	14.40	14.30	16	3		
15	16QAM	36	39	14.49	14.53	14.42				
15	16QAM	75	0	14.44	14.43	14.40				
Channel										
Frequency (MHz)										
10	QPSK	1	0	17.24	17.31	17.19	19	0		
10	QPSK	1	25	17.49	17.46	17.53				
10	QPSK	1	49	17.12	17.10	17.10				
10	QPSK	25	0	16.22						



Reduced Power Mode for EC13

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Tx Channel	624.2	836.4	848.8	624.2	836.4	848.8		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	32.27	32.42	32.24	<b>33.50</b>	23.27	23.42	23.24	24.50
GPRS 1 Tx slot	32.33	32.38	32.31	<b>33.50</b>	23.33	23.38	23.31	24.50
GPRS 2 Tx slots	30.23	30.24	30.20	<b>31.50</b>	24.23	24.24	24.20	25.50
GPRS 3 Tx slots	28.06	28.18	28.14	<b>29.50</b>	23.80	23.92	23.88	25.24
GPRS 4 Tx slots	26.12	26.24	26.11	<b>27.50</b>	23.12	23.24	23.11	24.50
EDGE 1 Tx slot	26.11	26.21	26.16	<b>27.50</b>	17.11	17.21	17.16	18.50
EDGE 2 Tx slots	24.14	24.22	24.18	<b>25.50</b>	16.14	16.22	16.18	18.50
EDGE 3 Tx slots	21.89	21.99	21.93	<b>23.50</b>	17.63	17.73	17.67	19.24
EDGE 4 Tx slots	19.75	19.89	19.86	<b>21.00</b>	16.75	16.89	16.86	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Tx Channel	1620.2	1630	1639.8	1620.2	1630	1639.8		
Frequency (MHz)	1620.2	1630	1639.8	1620.2	1630	1639.8		
GSM 1 Tx slot	27.52	27.49	27.53	<b>28.50</b>	18.52	18.49	18.53	19.50
GPRS 1 Tx slot	27.44	27.52	27.32	<b>28.50</b>	18.44	18.52	18.32	19.50
GPRS 2 Tx slots	25.18	25.34	25.11	<b>26.50</b>	19.18	19.34	19.11	20.50
GPRS 3 Tx slots	23.34	23.32	23.20	<b>24.50</b>	19.08	19.06	18.94	20.24
GPRS 4 Tx slots	21.18	21.22	21.29	<b>22.50</b>	18.18	18.22	18.29	19.50
EDGE 1 Tx slot	23.47	23.46	23.22	<b>24.50</b>	14.47	14.46	14.22	15.50
EDGE 2 Tx slots	21.44	21.44	21.57	<b>22.50</b>	15.44	15.44	15.57	16.50
EDGE 3 Tx slots	19.50	19.35	19.26	<b>20.50</b>	15.24	15.09	15.00	16.24
EDGE 4 Tx slots	17.30	17.31	17.28	<b>18.50</b>	14.30	14.31	14.28	15.50

Band	WCDMA S_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538		4132	4182	4233	
Tx Channel	9662	9800	9938	4357	4407	4458		
Frequency (MHz)	1822.4	1840	1857.6	823.4	834	845.0		
3GPP Rel 99   AMC 12-2Kbps	18.98	19.30	19.20	<b>20.00</b>	23.23	23.25	23.25	<b>24.00</b>
3GPP Rel 99   RMC 12-2Kbps	19.10	19.38	19.08	<b>20.00</b>	23.26	23.32	23.27	<b>24.00</b>
3GPP Rel 6   HSDPA Subtest-1	18.25	18.11	18.27	<b>19.00</b>	22.40	22.40	22.40	<b>23.00</b>
3GPP Rel 6   HSDPA Subtest-2	18.03	18.02	18.15	<b>19.00</b>	22.40	22.28	22.31	<b>23.00</b>
3GPP Rel 6   HSDPA Subtest-3	17.73	17.59	17.61	<b>18.50</b>	21.86	21.82	21.78	<b>22.50</b>
3GPP Rel 6   HSDPA Subtest-4	17.70	17.60	17.62	<b>18.00</b>	21.86	21.78	21.75	<b>22.50</b>
3GPP Rel 6   DC-HSDPA Subtest-1	18.45	18.40	18.35	<b>19.00</b>	22.53	22.54	22.50	<b>23.00</b>
3GPP Rel 6   DC-HSDPA Subtest-2	18.52	18.52	18.57	<b>19.00</b>	22.48	22.58	22.64	<b>23.00</b>
3GPP Rel 6   DC-HSDPA Subtest-3	17.80	18.02	18.02	<b>18.50</b>	22.06	22.06	22.01	<b>22.50</b>
3GPP Rel 6   DC-HSDPA Subtest-4	17.96	18.01	17.98	<b>18.50</b>	22.06	22.06	22.02	<b>22.50</b>
3GPP Rel 6   HSUPA Subtest-1	16.19	16.21	16.20	<b>17.00</b>	20.29	20.29	20.32	<b>21.50</b>
3GPP Rel 6   HSUPA Subtest-2	16.22	16.21	16.18	<b>17.50</b>	20.21	20.18	20.23	<b>21.50</b>
3GPP Rel 6   HSUPA Subtest-3	17.18	17.20	17.14	<b>18.00</b>	21.24	21.20	21.28	<b>22.50</b>
3GPP Rel 6   HSUPA Subtest-4	15.70	15.79	15.75	<b>17.00</b>	19.79	19.78	19.80	<b>21.00</b>
3GPP Rel 6   HSUPA Subtest-5	17.11	17.03	17.03	<b>18.50</b>	21.70	21.10	21.20	<b>22.50</b>
3GPP Rel 7   HSPA+ (MCM) Subtest-1	15.93	15.78	16.00	<b>17.00</b>	19.89	19.95	19.86	<b>21.00</b>



Band 2_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)										
20	QPSK	1	0	18.09	18.11	18.93				
20	QPSK	1	49	18.03	18.02	18.93	20	0		
20	QPSK	1	99	18.03	18.12	18.93				
20	QPSK	50	0	17.89	18.11	18.05				
20	QPSK	50	24	17.73	17.99	17.84				
20	QPSK	50	50	17.80	17.93	17.97	19	1		
20	QPSK	100	0	17.77	17.98	17.97				
20	16QAM	1	0	17.87	18.10	17.82				
20	16QAM	1	49	17.84	17.80	17.96	19	1		
20	16QAM	1	99	17.84	18.00	18.02				
20	16QAM	50	0	16.88	17.04	17.10				
20	16QAM	50	24	16.86	16.93	17.05	18	2		
20	16QAM	50	50	16.87	17.05	16.85				
20	16QAM	100	0	16.89	16.91	17.02				
20	64QAM	1	0	16.84	16.86	16.88				
20	64QAM	1	49	16.73	16.82	17.03	18	2		
20	64QAM	1	99	16.81	17.03	16.79				
20	64QAM	50	0	15.73	15.97	16.10				
20	64QAM	50	24	15.86	15.88	15.97	17	3		
20	64QAM	50	50	15.98	16.04	15.84				
20	64QAM	100	0	15.84	15.94	15.94				
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.00	18.96	19.03	20	0		
15	QPSK	1	37	19.08	19.15	19.01				
15	QPSK	1	74	19.11	19.13	19.04				
15	QPSK	36	0	17.87	18.01	17.91				
15	QPSK	36	20	17.75	17.78	17.78	19	1		
15	QPSK	36	20	17.77	18.03	18.04				
15	QPSK	75	0	17.88	17.89	17.80				
15	16QAM	1	0	17.97	17.99	18.03				
15	16QAM	1	37	18.04	17.74	17.92	19	1		
15	16QAM	1	74	17.88	17.83	18.01				
15	16QAM	36	0	16.90	16.94	16.86				
15	16QAM	36	20	15.82	15.78	15.85	18	2		
15	16QAM	36	39	16.85	16.76	16.84				
15	16QAM	75	0	16.84	16.91	16.83				
15	64QAM	1	0	16.88	16.72	16.73				
15	64QAM	1	37	16.76	16.71	16.84	18	2		
15	64QAM	1	74	16.91	16.82	16.97				
15	64QAM	36	0	15.82	15.78	15.85	17	3		
15	64QAM	36	20	15.96	15.72	15.96				
15	64QAM	36	39	15.84	15.97	15.88				
15	64QAM	75	0	15.86	15.90	15.81				
Channel										
Frequency (MHz)										
10	QPSK	1	0	18.91	18.98	19.00	20	0		
10	QPSK	1	25	19.09	19.09	19.11				
10	QPSK	1	49	19.06	19.03	19.08				
10	QPSK	25	0	17.91	17.79	17.90	19	1		
10	QPSK	25	12	17.75	17.78	17.83				
10	QPSK	25	25	17.80	17.87	17.73				
10	QPSK	50	0	17.95	17.75	18.03				
10	16QAM	1	0	17.86	17.91	17.82				
10	16QAM	1	25	17.93	17.92	17.88	19	1		
10	16QAM	1	49	17.95	17.91	17.90				
10	16QAM	25	0	16.96	16.88	16.93				
10	16QAM	25	12	16.93	16.84	16.94	18	2		
10	16QAM	25	25	16.93	16.93	16.84				
10	16QAM	50	0	16.95	16.84	16.71				
10	64QAM	1	0	16.89	16.86	16.74				
10	64QAM	1	25	16.82	16.87	16.90	18	2		
10	64QAM	1	49	16.91	17.01	16.92				
10	64QAM	25	0	16.04	15.99	15.98				
10	64QAM	25	12	15.83	15.90	15.95	17	3		
10	64QAM	25	25	15.79	15.84	15.82				
10	64QAM	50	0	15.98	15.87	15.76				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.97	18.91	19.02	20	0		
5	QPSK	1	12	19.12	19.08	19.02				
5	QPSK	1	24	19.18	18.96	19.12				
5	QPSK	12	0	17.92	17.85	17.81				
5	QPSK	12	7	17.97	17.80	17.79	19	1		
5	QPSK	12	13	17.76	17.84	17.81				
5	QPSK	25	0	17.80	17.80	17.80				
5	16QAM	1	0	17.77	18.03	17.77				
5	16QAM	1	12	17.97	17.99	17.84	19	1		
5	16QAM	1	24	17.97	17.87	17.96				
5	16QAM	12	0	16.93	16.95	16.89				
5	16QAM	12	7	16.78	16.87	16.86	18	2		
5	16QAM	12	13	17.82	16.97	16.96				
5	16QAM	25	0	16.83	16.87	16.80				
5	64QAM	1	0	16.84	16.77	16.69				
5	64QAM	1	12	16.84	16.83	16.82	18	2		
5	64QAM	1	24	16.90	16.93	16.86				
5	64QAM	12	0	15.73	15.87	15.95				
5	64QAM	12	7	15.89	15.90	15.92	17	3		
5	64QAM	12	13	15.83	15.90	15.92				
5	64QAM	25	0	15.88	15.89	15.74				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.92	18.13	18.87	20	0		
1.4	QPSK	1	3	19.06	18.96	19.04				
1.4	QPSK	1	5	18.12	19.06	19.04				
1.4	QPSK	3	0	18.92	18.83	18.66				
1.4	QPSK	3	1	18.75	18.68	18.71				
1.4	QPSK	3	3	18.73	18.88	18.64				
1.4	QPSK	6	0	17.86	17.75	18.01	19	1		
1.4	16QAM	1	0	17.95	17.96	17.86				
1.4	16QAM	1	3	17.89	17.85	17.93				
1.4	16QAM	1	5	17.98	17.95	17.84				
1.4	16QAM	3	0	17.82	17.93	17.70	19	1		
1.4	16QAM	3	1	17.68	17.82	17.66				
1.4	16QAM	3	3	17.82	17.70	17.86				
1.4	16QAM	6	0	16.75	16.86	16.81	18	2		
1.4	16QAM	6	0	16.70	16.85	16.85				
1.4	64QAM	1	3	16.83	16.83	16.96				
1.4	64QAM	1	5	17.04	16.96	16.98				
1.4	64QAM	3	0	16.92	16.80	16.80	18	2		
1.4	64QAM	3	1	16.72	16.79	16.83				
1.4	64QAM	3	3	16.90	16.87	16.90				
1.4	64QAM	6	0	16.01	15.90	15.77	17	3		

Band 2_Ant 3										
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	15.14	15.37	15.18				
20	QPSK	1	49	15.28	15.32	15.21	17	0		
20	QPSK	1	99	15.13	15.33	15.21				
20	QPSK	50	0	14.18	14.30	14.25				
20	QPSK	50	24	14.17	14.24	14.18	16	1		
20	QPSK	50	50	14.13	14.15	14.24				
20	QPSK	100	0	14.24	14.35	14.17				
20	16QAM	1	0	14.21	14.15	14.16				
20	16QAM	1	49	14.33	14.33	14.17	16	1		
20	16QAM	1	99	14.32	14.29	14.11				
20	16QAM	50	0	13.02	13.17	13.18				
20	16QAM	50	24	13.06	13.36	13.09	15	2		
20	16QAM	50	50	13.13	13.16	13.07				
20	16QAM	100	0	13.12	13.29	13.24				
20	64QAM	1	0	13.28	13.18	13.20				
20	64QAM	1	49	13.31	13.31	13.22	15	2		
20	64QAM	1	99	13.22	13.10	13.25				
20	64QAM	50	0	12.24	12.21	12.10				
20	64QAM	50	24	12.15	12.13	12.14	14	3		
20	64QAM	50	50	12.11	12.32	12.25				
20	64QAM	100	0	12.27	12.24	12.24				
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.20	15.35	15.07	17	0		
15	QPSK	1	37	15.26	15.41	15.23				
15	QPSK	1	74	15.26	15.34	15.20				
15	QPSK	36	0	14.30	14.18	14.21				
15	QPSK	36	20	14.20	14.29	14.14	16	1		
15	QPSK	36	20	13.35	13.29	13.07				
15	QPSK	75	0	14.09	14.36	14.23				
15	16QAM	1	0	14.21	14.22	14.16				
15	16QAM	1	37	14.29	14.40	14.19	16	1		
15	16QAM	1	74	14.41	14.28	14.21				
15	16QAM	36	0	13.13	13.17	13.18				
15	16QAM	36	20	13.07	13.26	13.10	15	2		
15	16QAM	36	39	13.07	13.26	13.10				
15	16QAM	75	0	13.20	13.30	13.15				
15	64QAM	1	0	13.21	13.11	13.25				
15	64QAM	1	37	13.28	13.23	13.15	15	2		
15	64QAM	1	74	13.25	13.15	13.14				
15	64QAM	36	0	12.26						

Band 5_Ant 3											
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)				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	20.42	20.50	20.44					
10	QPSK	1	25	20.52	20.85	20.58	22	0			
10	QPSK	1	49	20.52	20.61	20.55					
10	QPSK	25	0	19.56	19.66	19.46					
10	QPSK	25	12	19.42	19.57	19.40					
10	QPSK	25	25	19.33	19.54	19.37	21	1			
10	QPSK	50	0	19.42	19.54	19.46					
10	16QAM	1	0	19.36	19.51	19.45					
10	16QAM	1	25	19.28	19.56	19.35	21	1			
10	16QAM	1	49	19.37	19.67	19.48					
10	16QAM	25	0	18.41	18.59	18.29					
10	16QAM	25	12	18.38	18.57	18.42	20	2			
10	16QAM	25	25	18.42	18.58	18.44					
10	16QAM	50	0	18.37	18.46	18.33					
10	64QAM	1	0	18.35	18.50	18.38					
10	64QAM	1	25	18.33	18.55	18.41	20	2			
10	64QAM	1	49	18.32	18.43	18.53					
10	64QAM	25	0	17.56	17.54	17.38					
10	64QAM	25	12	17.36	17.58	17.36	19	3			
10	64QAM	25	25	17.42	17.40	17.47					
10	64QAM	50	0	17.50	17.56	17.40					
Channel											
Frequency (MHz)				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	20.48	20.53	20.59					
5	QPSK	1	12	20.57	20.51	20.58	22	0			
5	QPSK	1	24	20.52	20.64	20.50					
5	QPSK	12	0	19.63	19.57	19.70					
5	QPSK	12	7	19.52	19.34	19.61	21	1			
5	QPSK	12	13	19.44	19.30	19.43					
5	QPSK	25	0	19.34	19.48	19.41					
5	16QAM	1	0	19.42	19.45	19.40					
5	16QAM	1	12	19.41	19.42	19.48	21	1			
5	16QAM	1	24	19.41	19.44	19.46					
5	16QAM	12	0	18.55	18.44	18.53					
5	16QAM	12	7	18.33	18.36	18.35	20	2			
5	16QAM	12	13	18.59	18.47	18.57					
5	16QAM	25	0	18.40	18.42	18.49					
5	64QAM	1	0	18.35	18.59	18.57					
5	64QAM	1	12	18.40	18.43	18.53	20	2			
5	64QAM	1	24	18.55	18.43	18.38					
5	64QAM	12	0	17.35	17.49	17.33					
5	64QAM	12	7	17.39	17.32	17.50	19	3			
5	64QAM	12	13	17.42	17.49	17.39					
5	64QAM	25	0	17.39	17.43	17.36					
Channel											
Frequency (MHz)				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	20.57	20.56	20.44					
3	QPSK	1	8	20.63	20.57	20.61	22	0			
3	QPSK	1	14	20.58	20.48	20.58					
3	QPSK	8	0	19.51	19.53	19.41					
3	QPSK	8	4	19.57	19.45	19.43	21	1			
3	QPSK	8	7	19.30	19.39	19.38					
3	QPSK	15	0	19.57	19.40	19.40					
3	16QAM	1	0	19.44	19.50	19.51					
3	16QAM	1	8	19.33	19.32	19.34	21	1			
3	16QAM	1	14	19.60	19.43	19.50					
3	16QAM	8	0	18.50	18.45	18.48					
3	16QAM	8	4	18.52	18.40	18.58	20	2			
3	16QAM	8	7	18.50	18.43	18.54					
3	16QAM	15	0	18.56	18.31	18.36					
3	64QAM	1	0	18.48	18.61	18.40					
3	64QAM	1	8	18.44	18.34	18.54	20	2			
3	64QAM	1	14	18.48	18.44	18.52					
3	64QAM	8	0	17.47	17.30	17.27					
3	64QAM	8	4	17.49	17.36	17.54	19	3			
3	64QAM	8	7	17.42	17.28	17.33					
3	64QAM	15	0	17.45	17.40	17.37					
Channel											
Frequency (MHz)				20407	20525	20643					
Frequency (MHz)				824.7	836.5	848.3					
1.4	QPSK	1	0	20.56	20.54	20.53					
1.4	QPSK	1	3	20.63	20.54	20.58	22	0			
1.4	QPSK	1	5	20.49	20.52	20.57					
1.4	QPSK	3	0	20.38	20.40	20.38					
1.4	QPSK	3	1	20.34	20.17	20.33					
1.4	QPSK	3	3	20.44	20.26	20.27	21	1			
1.4	QPSK	6	0	19.43	19.42	19.39					
1.4	16QAM	1	0	19.28	19.36	19.44					
1.4	16QAM	1	3	19.44	19.46	19.26					
1.4	16QAM	1	5	19.58	19.37	19.39	21	1			
1.4	16QAM	3	0	19.40	19.53	19.23					
1.4	16QAM	3	1	19.31	19.38	19.25					
1.4	16QAM	3	3	19.41	19.37	19.41	20	2			
1.4	16QAM	6	0	18.46	18.39	18.36					
1.4	64QAM	1	0	18.47	18.50	18.55					
1.4	64QAM	1	3	18.32	18.33	18.53					
1.4	64QAM	1	5	18.50	18.51	18.43	20	2			
1.4	64QAM	3	0	18.28	18.16	18.29					
1.4	64QAM	3	1	18.29	18.34	18.24					
1.4	64QAM	3	3	18.39	18.34	18.35	19	3			
1.4	64QAM	6	0	17.35	17.58	17.46					

Band 7_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)				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	13.46	13.76	13.76				
20	QPSK	1	49	13.52	13.68	13.79	14.5	0		
20	QPSK	1	98	13.46	13.69	13.72				
20	QPSK	50	0	12.50	12.63	12.60				
20	QPSK	50	24	12.48	12.62	12.47	13.5	1		
20	QPSK	50	50	12.50	12.60	12.55				
20	QPSK	100	0	12.34	12.60	12.49				
20	16QAM	1	0	12.34	12.56	12.45				
20	16QAM	1	49	12.39	12.64	12.56	13.5	1		
20	16QAM	1	99	12.36	12.60	12.50				
20	16QAM	50	0	11.51	11.57	11.54				
20	16QAM	50	24	11.39	11.66	11.45	12.5	2		
20	16QAM	50	50	11.40	11.52	11.57				
20	16QAM	100	0	11.47	11.54	11.57				
20	64QAM	1	0	11.34	11.65	11.57				
20	64QAM	1	49	11.37	11.53	11.63	12.5	2		
20	64QAM	1	99	11.48	11.53	11.39				
20	64QAM	50	0	10.51	10.60	10.49				
20	64QAM	50	24	10.34	10.72	10.42	11.5	3		
20	64QAM	50	50	10.54	10.57	10.46				
20	64QAM	100	0	10.37	10.71	10.35				
Channel										
Frequency (MHz)				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	13.60	13.57	13.57				
15	QPSK	1	37	13.80	13.70	13.81	14.5	0		
15	QPSK	1	74	13.75	13.62	13.63				
15	QPSK	36	0	12.64	12.48	12.54				
15	QPSK	36	20	12.51	12.42	12.57	13.5	1		
15	QPSK	36	39	12.33	12.51	12.40				
15	QPSK	75	0	12.49	12.50	12.54				
15	16QAM	1	0	12.44	12.49	12.50				
15	16QAM	1	37	12.54	12.40	12.41	13.5	1		
15	16QAM	1	74	12.43	12.43	12.44				
15	16QAM	36	0	11.60	11.29	11.56				
15	16QAM	36								



Band 38_Ant 0										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	16.06	16.08	16.14	17	0		
20	QPSK	1	49	16.31	16.41	16.15				
20	QPSK	99	0	16.11	16.13	16.17				
20	QPSK	50	0	16.14	16.34	16.21				
20	QPSK	50	24	16.08	16.25	16.12	16	1		
20	QPSK	50	50	16.12	16.27	16.15				
20	QPSK	100	0	16.18	16.31	16.22				
20	16QAM	1	0	16.21	16.29	16.18	16	1		
20	16QAM	50	24	16.09	16.24	16.20				
20	16QAM	50	50	16.26	16.41	16.25				
20	16QAM	100	0	16.32	16.47	16.33				
20	16QAM	100	24	16.14	16.29	16.25				
20	16QAM	100	50	16.38	16.53	16.37				
20	16QAM	100	74	16.16	16.31	16.27				
20	16QAM	100	99	16.18	16.33	16.29				
20	16QAM	100	124	16.24	16.39	16.35				
20	16QAM	100	149	16.30	16.45	16.41				
20	16QAM	100	174	16.36	16.51	16.47				
20	16QAM	100	199	16.42	16.57	16.53				
20	16QAM	100	224	16.48	16.63	16.59				
20	16QAM	100	249	16.54	16.69	16.65				
20	16QAM	100	274	16.60	16.75	16.71				
20	16QAM	100	299	16.66	16.81	16.77				
20	16QAM	100	324	16.72	16.87	16.83				
20	16QAM	100	349	16.78	16.93	16.89				
20	16QAM	100	374	16.84	16.99	16.95				
20	16QAM	100	399	16.90	17.05	17.01				
20	16QAM	100	424	16.96	17.11	17.07				
20	16QAM	100	449	17.02	17.17	17.13				
20	16QAM	100	474	17.08	17.23	17.19				
20	16QAM	100	499	17.14	17.29	17.25				
20	16QAM	100	524	17.20	17.35	17.31				
20	16QAM	100	549	17.26	17.41	17.37				
20	16QAM	100	574	17.32	17.47	17.43				
20	16QAM	100	599	17.38	17.53	17.49				
20	16QAM	100	624	17.44	17.59	17.55				
20	16QAM	100	649	17.50	17.65	17.61				
20	16QAM	100	674	17.56	17.71	17.67				
20	16QAM	100	699	17.62	17.77	17.73				
20	16QAM	100	724	17.68	17.83	17.79				
20	16QAM	100	749	17.74	17.89	17.85				
20	16QAM	100	774	17.80	17.95	17.91				
20	16QAM	100	799	17.86	18.01	17.97				
20	16QAM	100	824	17.92	18.07	18.03				
20	16QAM	100	849	17.98	18.13	18.09				
20	16QAM	100	874	18.04	18.19	18.15				
20	16QAM	100	899	18.10	18.25	18.21				
20	16QAM	100	924	18.16	18.31	18.27				
20	16QAM	100	949	18.22	18.37	18.33				
20	16QAM	100	974	18.28	18.43	18.39				
20	16QAM	100	999	18.34	18.49	18.45				
20	16QAM	100	1024	18.40	18.55	18.51				
20	16QAM	100	1049	18.46	18.61	18.57				
20	16QAM	100	1074	18.52	18.67	18.63				
20	16QAM	100	1099	18.58	18.73	18.69				
20	16QAM	100	1124	18.64	18.79	18.75				
20	16QAM	100	1149	18.70	18.85	18.81				
20	16QAM	100	1174	18.76	18.91	18.87				
20	16QAM	100	1199	18.82	18.97	18.93				
20	16QAM	100	1224	18.88	19.03	18.99				
20	16QAM	100	1249	18.94	19.09	19.05				
20	16QAM	100	1274	19.00	19.15	19.11				
20	16QAM	100	1299	19.06	19.21	19.17				
20	16QAM	100	1324	19.12	19.27	19.23				
20	16QAM	100	1349	19.18	19.33	19.29				
20	16QAM	100	1374	19.24	19.39	19.35				
20	16QAM	100	1399	19.30	19.45	19.41				
20	16QAM	100	1424	19.36	19.51	19.47				
20	16QAM	100	1449	19.42	19.57	19.53				
20	16QAM	100	1474	19.48	19.63	19.59				
20	16QAM	100	1499	19.54	19.69	19.65				
20	16QAM	100	1524	19.60	19.75	19.71				
20	16QAM	100	1549	19.66	19.81	19.77				
20	16QAM	100	1574	19.72	19.87	19.83				
20	16QAM	100	1599	19.78	19.93	19.89				
20	16QAM	100	1624	19.84	19.99	19.95				
20	16QAM	100	1649	19.90	20.05	20.01				
20	16QAM	100	1674	19.96	20.11	20.07				
20	16QAM	100	1699	20.02	20.17	20.13				
20	16QAM	100	1724	20.08	20.23	20.19				
20	16QAM	100	1749	20.14	20.29	20.25				
20	16QAM	100	1774	20.20	20.35	20.31				
20	16QAM	100	1799	20.26	20.41	20.37				
20	16QAM	100	1824	20.32	20.47	20.43				
20	16QAM	100	1849	20.38	20.53	20.49				
20	16QAM	100	1874	20.44	20.59	20.55				
20	16QAM	100	1899	20.50	20.65	20.61				
20	16QAM	100	1924	20.56	20.71	20.67				
20	16QAM	100	1949	20.62	20.77	20.73				
20	16QAM	100	1974	20.68	20.83	20.79				
20	16QAM	100	1999	20.74	20.89	20.85				
20	16QAM	100	2024	20.80	20.95	20.91				
20	16QAM	100	2049	20.86	21.01	20.97				
20	16QAM	100	2074	20.92	21.07	21.03				
20	16QAM	100	2099	20.98	21.13	21.09				
20	16QAM	100	2124	21.04	21.19	21.15				
20	16QAM	100	2149	21.10	21.25	21.21				
20	16QAM	100	2174	21.16	21.31	21.27				
20	16QAM	100	2199	21.22	21.37	21.33				
20	16QAM	100	2224	21.28	21.43	21.39				
20	16QAM	100	2249	21.34	21.49	21.45				
20	16QAM	100	2274	21.40	21.55	21.51				
20	16QAM	100	2299	21.46	21.61	21.57				
20	16QAM	100	2324	21.52	21.67	21.63				
20	16QAM	100	2349	21.58	21.73	21.69				
20	16QAM	100	2374	21.64	21.79	21.75				
20	16QAM	100	2399	21.70	21.85	21.81				
20	16QAM	100	2424	21.76	21.91	21.87				
20	16QAM	100	2449	21.82	21.97	21.93				
20	16QAM	100	2474	21.88	22.03	21.99				
20	16QAM	100	2499	21.94	22.09	22.05				
20	16QAM	100	2524	22.00	22.15	22.11				
20	16QAM	100	2549	22.06	22.21	22.17				
20	16QAM	100	2574	22.12	22.27	22.23				
20	16QAM	100	2599	22.18	22.33	22.29				
20	16QAM	100	2624	22.24	22.39	22.35				
20	16QAM	100	2649	22.30	22.45	22.41				
20	16QAM	100	2674	22.36	22.51	22.47				
20	16QAM	100	2699	22.42	22.57	22.53				
20	16QAM	100	2724	22.48	22.63	22.59				
20	16QAM	100	2749	22.54	22.69	22.65				
20	16QAM	100	2774	22.60	22.75	22.71				
20	16QAM	100	2799	22.66	22.81	22.77				
20	16QAM	100	2824	22.72	22.87	22.83				
20	16QAM	100	2849	22.78	22.93	22.89				



Reduced Power Mode for ECI6

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	126	189	251		824.2	836.4	848.8	
Tx Channel	824.2	836.4	848.8	824.2	836.4	848.8	848.8	231
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8	848.8	231
GSM 1 Tx slot	32.27	32.42	32.24	<b>33.90</b>	23.27	23.42	23.24	24.50
GPRS 1 Tx slot	32.33	32.38	32.31	<b>33.90</b>	23.33	23.38	23.31	24.50
GPRS 2 Tx slots	30.23	30.24	30.20	<b>31.90</b>	24.23	24.24	24.20	25.50
GPRS 3 Tx slots	28.08	28.18	28.14	<b>29.90</b>	23.08	23.12	23.08	25.24
GPRS 4 Tx slots	26.12	26.24	26.11	<b>27.90</b>	23.12	23.24	23.11	24.50
EDGE 1 Tx slot	26.11	26.21	26.16	<b>27.90</b>	17.11	17.21	17.16	18.50
EDGE 2 Tx slots	24.14	24.22	24.18	<b>25.90</b>	18.14	18.22	18.18	19.50
EDGE 3 Tx slots	21.89	21.89	21.93	<b>23.90</b>	17.83	17.73	17.87	18.24
EDGE 4 Tx slots	19.75	19.88	19.86	<b>21.90</b>	16.75	16.86	16.86	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		1632	661	810	
Tx Channel	1632	1650	1619	<b>30.90</b>	20.56	20.59	20.52	21.50
Frequency (MHz)	1632	1650	1619	<b>30.90</b>	20.56	20.59	20.52	21.50
GSM 1 Tx slot	29.56	29.59	29.52	<b>30.90</b>	20.56	20.59	20.52	21.50
GPRS 1 Tx slot	29.47	29.56	29.41	<b>30.90</b>	20.47	20.56	20.41	21.50
GPRS 2 Tx slots	27.25	27.27	27.19	<b>28.90</b>	21.25	21.27	21.19	22.50
GPRS 3 Tx slots	25.27	25.28	25.25	<b>26.90</b>	21.01	21.02	20.99	22.24
GPRS 4 Tx slots	23.25	23.29	23.24	<b>24.90</b>	20.25	20.29	20.24	21.50
EDGE 1 Tx slot	25.39	25.47	25.32	<b>26.90</b>	16.39	16.47	16.32	17.50
EDGE 2 Tx slots	23.46	23.52	23.51	<b>24.90</b>	17.46	17.52	17.51	18.50
EDGE 3 Tx slots	21.43	21.44	21.35	<b>22.90</b>	17.17	17.18	17.06	18.24
EDGE 4 Tx slots	19.29	19.38	19.23	<b>20.90</b>	16.29	16.38	16.23	17.50

Band	WCDMA R_Ant 0			WCDMA V_Ant 0			Tune-up Limit (dBm)	
	9662	9400	9538	4132	4182	4233		
Tx Channel	9662	9600	9538	4357	4407	4458	231	
Rx Channel	9662	9600	9538	4357	4407	4458	231	
Frequency (MHz)	1852.4	1880	1907.6	826.4	836.4	846.6	231	
3GPP Rel 99 AMR 12.2kops	20.59	20.73	20.73	<b>21.90</b>	23.23	23.25	23.25	24.90
3GPP Rel 99 RMC 12.2kops	20.58	20.77	20.54	<b>21.90</b>	23.28	23.32	23.27	24.90
3GPP Rel 6 HSDPA Subtest-1	19.84	19.70	19.61	<b>20.90</b>	22.40	22.40	22.40	23.90
3GPP Rel 6 HSDPA Subtest-2	19.69	19.52	19.69	<b>20.90</b>	22.40	22.28	22.31	23.90
3GPP Rel 6 HSDPA Subtest-3	19.17	19.17	19.12	<b>20.90</b>	21.85	21.82	21.78	22.90
3GPP Rel 6 HSDPA Subtest-4	18.14	18.06	18.16	<b>20.90</b>	21.86	21.78	21.75	22.90
3GPP Rel 6 DC-HSDPA Subtest-1	19.94	20.04	19.90	<b>20.90</b>	22.53	22.54	22.50	23.90
3GPP Rel 6 DC-HSDPA Subtest-2	20.15	20.14	20.05	<b>20.90</b>	22.48	22.58	22.64	23.90
3GPP Rel 6 DC-HSDPA Subtest-3	19.44	19.45	19.39	<b>20.90</b>	22.06	22.05	22.01	22.90
3GPP Rel 6 DC-HSDPA Subtest-4	19.49	19.39	19.55	<b>20.90</b>	22.00	22.05	22.02	22.90
3GPP Rel 6 HSUPA Subtest-1	17.94	17.73	17.85	<b>19.90</b>	20.29	20.26	20.32	21.90
3GPP Rel 6 HSUPA Subtest-2	17.78	17.73	17.57	<b>19.90</b>	20.21	20.18	20.23	21.90
3GPP Rel 6 HSUPA Subtest-3	18.66	18.77	18.60	<b>20.90</b>	21.24	21.20	21.28	22.90
3GPP Rel 6 HSUPA Subtest-4	17.26	17.34	17.25	<b>18.90</b>	19.79	19.78	19.80	21.90
3GPP Rel 6 HSUPA Subtest-5	18.81	18.85	18.57	<b>20.90</b>	21.70	21.10	21.20	22.90
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	17.51	17.31	17.50	<b>18.90</b>	19.69	19.95	19.86	21.90

Band 2_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)										
20	QPSK	1	0	21.07	21.02	20.87	22	0		
20	QPSK	1	49	21.10	21.22	21.24				
20	QPSK	1	59	20.92	21.16	21.04	21	1		
20	QPSK	50	0	19.95	20.02	19.96				
20	QPSK	50	24	19.79	20.01	19.82	20	2		
20	QPSK	50	50	19.75	19.87	19.97				
20	QPSK	100	0	19.91	19.93	19.91	19	3		
20	16QAM	1	0	19.71	19.92	19.96				
20	16QAM	1	49	19.87	19.87	19.92	20	2		
20	16QAM	1	99	19.87	19.96	19.98				
20	16QAM	50	0	18.84	19.05	19.08	19	3		
20	16QAM	50	24	18.72	18.96	18.93				
20	16QAM	50	50	18.84	19.07	18.85	20	2		
20	16QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	0	18.77	18.87	18.98	19	3		
20	64QAM	1	49	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20	2		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	19	3		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	20	2		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	19	3		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	20	2		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	19	3		
20	64QAM	50	0	17.82	18.03	17.98				
20	64QAM	50	24	17.82	18.04	18.02	20	2		
20	64QAM	50	50	17.94	17.93	17.84				
20	64QAM	100	0	17.94	17.97	17.97	19	3		
20	64QAM	50	24	18.72	18.96	18.93				
20	64QAM	50	50	18.84	19.07	18.85	20	2		
20	64QAM	100	0	18.95	18.90	18.92				
20	64QAM	1	49	18.87	18.87	18.98	19	3		
20	64QAM	1	99	18.84	18.83	18.98				
20	64QAM	1	99	18.84	18.98	18.86	20			



Band 5_Ant 3											
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				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	22.47	22.60	22.44	24	0			
10	QPSK	1	25	22.52	22.35	22.37					
10	QPSK	1	49	22.44	22.82	22.50					
10	QPSK	25	0	21.51	21.62	21.46					
10	QPSK	25	12	21.46	21.53	21.38	23	1			
10	QPSK	25	25	21.43	21.50	21.37					
10	QPSK	50	0	21.49	21.53	21.44					
10	16QAM	1	0	21.33	21.49	21.39	23	1			
10	16QAM	1	25	21.34	21.49	21.42					
10	16QAM	1	49	21.45	21.60	21.44					
10	16QAM	25	0	20.43	20.60	20.37					
10	16QAM	25	12	20.41	20.54	20.32	22	2			
10	16QAM	25	25	20.36	20.58	20.41					
10	16QAM	50	0	20.42	20.54	20.32					
10	16QAM	50	1	20.36	20.60	20.38					
10	64QAM	1	25	20.37	20.52	20.32	22	2			
10	64QAM	1	49	20.39	20.49	20.43					
10	64QAM	25	0	19.48	19.52	19.37					
10	64QAM	25	12	19.39	19.54	19.43	21	3			
10	64QAM	25	25	19.43	19.49	19.45					
10	64QAM	50	0	19.42	19.51	19.43					
Channel				20425	20525	20625					
Frequency (MHz)				836.5	836.5	846.5					
5	QPSK	1	0	22.51	22.51	22.52	24	0			
5	QPSK	1	12	22.61	22.49	22.54					
5	QPSK	1	24	22.54	22.55	22.44					
5	QPSK	12	0	21.57	21.50	21.61					
5	QPSK	12	7	21.44	21.43	21.51	23	1			
5	QPSK	12	13	21.43	21.40	21.33					
5	QPSK	25	0	21.44	21.42	21.51					
5	16QAM	1	0	21.42	21.36	21.31	23	1			
5	16QAM	1	12	21.35	21.45	21.45					
5	16QAM	1	24	21.44	21.49	21.55					
5	16QAM	12	0	20.53	20.54	20.50					
5	16QAM	12	7	20.36	20.37	20.37	22	2			
5	16QAM	12	13	20.55	20.48	20.53					
5	16QAM	25	0	20.48	20.50	20.45					
5	64QAM	1	0	20.42	20.55	20.57					
5	64QAM	1	12	20.35	20.47	20.49	22	2			
5	64QAM	1	24	20.47	20.47	20.48					
5	64QAM	12	0	19.36	19.45	19.42					
5	64QAM	12	7	19.42	19.37	19.43	21	3			
5	64QAM	12	13	19.33	19.39	19.40					
5	64QAM	25	0	19.49	19.40	19.39					
Channel				20415	20525	20635					
Frequency (MHz)				825.5	836.5	847.5					
3	QPSK	1	0	22.59	22.55	22.51	24	0			
3	QPSK	1	8	22.59	22.59	22.52					
3	QPSK	1	14	22.56	22.54	22.59					
3	QPSK	8	0	21.60	21.45	21.50	23	1			
3	QPSK	8	4	21.51	21.37	21.35					
3	QPSK	8	7	21.38	21.35	21.45					
3	QPSK	15	0	21.51	21.37	21.47					
3	16QAM	1	0	21.41	21.41	21.42	23	1			
3	16QAM	1	8	21.38	21.38	21.44					
3	16QAM	1	14	21.53	21.44	21.54					
3	16QAM	8	0	20.47	20.44	20.52	22	2			
3	16QAM	8	4	20.47	20.37	20.53					
3	16QAM	8	7	20.51	20.52	20.49					
3	16QAM	15	0	20.46	20.41	20.46					
3	64QAM	1	0	20.55	20.57	20.50	22	2			
3	64QAM	1	8	20.40	20.38	20.51					
3	64QAM	1	14	20.43	20.36	20.43					
3	64QAM	8	0	19.43	19.39	19.35	21	3			
3	64QAM	8	4	19.48	19.46	19.52					
3	64QAM	8	7	19.36	19.35	19.40					
3	64QAM	15	0	19.47	19.48	19.36					
Channel				20407	20525	20643					
Frequency (MHz)				824.7	836.5	846.3					
1.4	QPSK	1	0	22.46	22.48	22.56	24	0			
1.4	QPSK	1	3	22.53	22.63	22.56					
1.4	QPSK	1	5	22.59	22.51	22.53					
1.4	QPSK	3	0	22.36	22.39	22.48	23	1			
1.4	QPSK	3	1	22.38	22.27	22.37					
1.4	QPSK	3	3	22.38	22.23	22.23					
1.4	QPSK	6	0	21.44	21.39	21.39	23	1			
1.4	16QAM	1	0	21.38	21.31	21.44					
1.4	16QAM	1	3	21.38	21.44	21.36	23	1			
1.4	16QAM	1	5	21.48	21.42	21.42					
1.4	16QAM	3	0	21.46	21.44	21.32					
1.4	16QAM	3	1	21.41	21.39	21.28	22	2			
1.4	16QAM	3	3	21.43	21.39	21.35					
1.4	16QAM	6	0	20.48	20.41	20.44	22	2			
1.4	64QAM	1	0	20.49	20.48	20.58					
1.4	64QAM	1	3	20.34	20.40	20.46	22	2			
1.4	64QAM	1	5	20.48	20.41	20.37					
1.4	64QAM	3	0	20.27	20.26	20.34					
1.4	64QAM	3	1	20.26	20.41	20.32	21	3			
1.4	64QAM	3	3	20.34	20.26	20.32					
1.4	64QAM	6	0	19.42	19.50	19.50					

Band 7_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				20850	21100	21350					
Frequency (MHz)				20850	2135	2560					
20	QPSK	1	0	16.60	16.64	16.83	17.5	0			
20	QPSK	1	49	16.38	16.91	16.82					
20	QPSK	1	98	16.61	16.79	16.71					
20	QPSK	50	0	15.69	15.79	15.76					
20	QPSK	50	24	15.68	15.72	15.51	16.5	1			
20	QPSK	50	50	15.50	15.65	15.69					
20	QPSK	100	0	15.52	15.73	15.64					
20	16QAM	1	0	15.44	15.64	15.80	16.5	1			
20	16QAM	1	49	15.37	15.63	15.57					
20	16QAM	1	99	15.52	15.68	15.65					
20	16QAM	50	0	14.66	14.59	14.48					
20	16QAM	50	24	14.46	14.76	14.61	15.5	2			
20	16QAM	50	50	14.63	14.76	14.56					
20	16QAM	100	0	14.46	14.58	14.50					
20	64QAM	1	0	14.48	14.74	14.61					
20	64QAM	1	49	14.45	14.64	14.64	15.5	2			
20	64QAM	1	99	14.41	14.73	14.63					
20	64QAM	50	0	13.57	13.64	13.67					
20	64QAM	50	24	13.46	13.63	13.52	14.5	3			
20	64QAM	50	50	13.52	13.74	13.50					
20	64QAM	100	0	13.61	13.77	13.60					
Channel				20825	21100	21375					
Frequency (MHz)				2077.5	2535	2962.5					
15	QPSK	1	0	16.77	16.82	16.79	17.5	0			
15	QPSK	1	37	16.90	16.82	16.81					
15	QPSK	1	74	16.76	16.82	16.74					
15	QPSK	36	0	15.66	15.64	15.65					
15	QPSK	36	20	15.70	15.65	15.61	16.5	1			
15	QPSK	36	39	15.49	15.66	15.48					
15	QPSK	75	0	15.57	15.65	15.48					
15	16QAM	1	0	15.48	15.55	15.50	16.5	1			
15	16QAM	1	37	15.68	15.50	15.66					
15	16QAM	1	74	15.57	15.64	15.55					
15	16QAM	36	0	14.62	14.58	14.66					
15	16QAM	36	20	14.67	14.76	14.72	15.5	2			
15	16QAM	36									



Band 38_Ant 0										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPE (dB)		
Channel										
Frequency (MHz)				3760	3800	3840				
20	QPSK	1	0	18.02	18.11	18.94	20	0		
20	QPSK	1	49	18.27	18.31	19.25	20	0		
20	QPSK	1	99	18.20	18.20	18.20	20	0		
20	QPSK	50	0	18.10	18.32	18.16	19	1		
20	QPSK	50	24	18.16	18.33	18.35	19	1		
20	QPSK	50	50	18.10	18.33	18.25	19	1		
20	QPSK	100	0	18.11	18.30	18.29	18	2		
20	16QAM	1	0	18.02	18.16	18.19	19	1		
20	16QAM	1	49	18.24	18.27	18.23	18	2		
20	16QAM	1	99	18.01	18.21	18.14	18	2		
20	16QAM	50	0	17.23	17.24	17.07	18	2		
20	16QAM	50	24	18.04	18.07	18.06	18	2		
20	16QAM	50	50	17.18	17.29	17.69	18	2		
20	16QAM	100	0	17.08	17.10	16.95	17	3		
20	16QAM	100	24	18.04	18.07	18.06	17	3		
20	16QAM	100	50	17.23	17.24	17.22	17	3		
20	16QAM	50	24	18.04	18.07	18.06	17	3		
20	16QAM	50	50	17.23	17.24	17.22	17	3		
20	16QAM	100	0	17.08	17.10	16.95	16	4		
20	16QAM	100	24	18.04	18.07	18.06	16	4		
20	16QAM	100	50	17.23	17.24	17.22	16	4		
Channel										
Frequency (MHz)				3762	3800	3816				
15	QPSK	1	0	18.02	18.06	18.02	20	0		
15	QPSK	1	37	18.24	18.25	18.25	20	0		
15	QPSK	1	74	18.05	18.08	18.05	20	0		
15	QPSK	36	0	18.16	18.28	18.26	19	1		
15	QPSK	36	20	18.10	18.12	18.01	19	1		
15	QPSK	36	39	18.32	18.28	18.08	19	1		
15	QPSK	75	0	18.13	18.08	18.07	19	1		
15	16QAM	1	0	18.05	18.20	18.08	19	1		
15	16QAM	1	37	18.11	18.12	18.13	19	1		
15	16QAM	1	74	18.01	18.01	18.01	18	2		
15	16QAM	36	0	17.29	17.31	17.23	18	2		
15	16QAM	36	20	17.03	17.07	17.21	18	2		
15	16QAM	36	39	18.16	18.08	18.08	18	2		
15	16QAM	75	0	17.01	17.03	17.05	18	2		
15	16QAM	1	0	17.10	17.24	17.20	18	2		
15	16QAM	1	37	18.13	18.08	18.07	18	2		
15	16QAM	1	74	17.19	17.10	17.22	17	3		
15	16QAM	36	0	16.08	16.31	16.27	17	3		
15	16QAM	36	20	16.03	16.21	16.21	17	3		
15	16QAM	36	39	16.20	16.20	16.25	17	3		
15	16QAM	75	0	16.21	16.14	16.25	16	4		
Channel										
Frequency (MHz)				2973	2995	2915				
10	QPSK	1	0	19.12	18.90	19.08	20	0		
10	QPSK	1	25	18.25	18.19	18.21	20	0		
10	QPSK	1	49	18.02	18.05	18.05	20	0		
10	QPSK	25	0	18.04	18.25	18.07	19	1		
10	QPSK	25	13	18.00	18.13	18.13	19	1		
10	QPSK	25	25	18.24	18.05	18.14	19	1		
10	QPSK	50	0	18.23	18.11	18.32	19	1		
10	16QAM	1	25	17.94	18.23	18.15	19	1		
10	16QAM	1	49	18.04	18.05	18.10	19	1		
10	16QAM	25	12	18.08	17.12	17.08	18	2		
10	16QAM	25	25	17.14	17.04	17.18	18	2		
10	16QAM	50	0	17.14	17.02	17.14	18	2		
10	16QAM	1	0	17.05	17.14	17.27	18	2		
10	16QAM	1	25	17.29	17.19	17.09	18	2		
10	16QAM	25	0	17.10	17.08	17.06	17	3		
10	16QAM	25	12	16.00	16.00	16.22	17	3		
10	16QAM	25	25	16.02	15.98	16.27	17	3		
10	16QAM	50	0	16.23	16.11	16.34	16	4		
Channel										
Frequency (MHz)				2973	2995	2915				
5	QPSK	1	0	19.01	18.86	19.05	20	0		
5	QPSK	1	12	19.14	19.15	19.24	20	0		
5	QPSK	1	24	18.86	18.90	18.89	20	0		
5	QPSK	12	0	18.11	18.31	18.12	19	1		
5	QPSK	12	7	18.13	18.18	18.27	19	1		
5	QPSK	25	0	18.18	18.15	18.14	19	1		
5	16QAM	1	0	18.16	18.16	18.05	19	1		
5	16QAM	1	24	18.01	18.00	18.02	19	1		
5	16QAM	12	0	17.20	17.21	17.13	18	2		
5	16QAM	12	7	18.01	17.98	17.21	18	2		
5	16QAM	25	0	17.13	17.13	17.23	18	2		
5	16QAM	1	0	17.10	17.05	17.04	18	2		
5	16QAM	1	12	17.13	17.26	17.24	18	2		
5	16QAM	1	24	17.23	17.34	17.01	18	2		
5	16QAM	12	0	16.31	16.06	16.16	17	3		
5	16QAM	12	7	16.05	16.02	16.16	17	3		
5	16QAM	12	13	16.08	16.10	16.09	17	3		
5	16QAM	25	0	16.13	16.17	16.16	16	4		

Band 38_Ant 3										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPE (dB)		
Channel										
Frequency (MHz)				2580	2580	2580				
20	QPSK	1	0	21.04	21.06	20.85	22	0		
20	QPSK	1	49	21.31	21.45	21.15	22	0		
20	QPSK	1	99	21.03	21.03	21.03	21	1		
20	QPSK	50	0	20.52	20.33	20.21	21	1		
20	QPSK	50	24	20.20	20.28	20.13	21	1		
20	QPSK	50	50	20.16	20.21	20.12	21	1		
20	QPSK	100	0	20.28	20.30	20.29	20	2		
20	16QAM	1	0	20.09	20.18	20.02	21	1		
20	16QAM	1	49	20.26	20.33	20.20	21	1		
20	16QAM	1	99	20.17	20.18	20.07	20	2		
20	16QAM	50	0	19.24	19.37	19.16	20	2		
20	16QAM	50	24	19.07	19.16	19.04	20	2		
20	16QAM	50	50	19.06	19.20	19.24	20	2		
20	16QAM	100	0	18.16	18.26	18.90	19	3		
20	16QAM	100	24	18.24	18.21	18.17	19	3		
20	16QAM	100	50	18.23	18.37	18.24	19	3		
20	16QAM	1	0	19.04	19.30	19.29	20	2		
20	16QAM	1	49	19.00	19.25	19.00	20	2		
20	16QAM	1	99	18.14	18.15	18.13	19	3		
20	16QAM	50	24	18.05	18.15	18.17	19	3		
20	16QAM	50	50	18.14	18.21	18.17	19	3		
20	16QAM	100	0	18.23	18.37	18.24	19	3		
Channel										
Frequency (MHz)				2582	2599	2615				
15	QPSK	1	0	20.93	21.04	20.98	22	0		
15	QPSK	1	37	21.32	21.32	21.27	22	0		
15	QPSK	1	74	20.97	20.85	20.84	22	0		
15	QPSK	36	0	20.13	20.27	20.13	21	1		
15	QPSK	36	20	20.17	20.17	20.14	21	1		
15	QPSK	36	39	20.19	20.18	20.10	21	1		
15	QPSK	75	0	20.23	20.21	20.16	21	1		
15	16QAM	1	0	20.00	20.19	20.14	21	1		
15	16QAM	1	37	20.16	20.15	20.16	21	1		
15	16QAM	1	74	19.15	19.16	19.16	20	2		
15	16QAM	36	0	19.15	19.36	19.16	20	2		
15	16QAM	36	20	18.94	19.19	19.07	20	2		
15	16QAM	36	39	19.03	19.03	19.03	20	2		
15	16QAM	75	0	19.15	19.03	18.98	20	2		
15	16QAM	1	0	19.15	19.13	19.15	20	2		
15	16QAM	1	37	19.33	19.33	19.16	20	2		
15	16QAM	1	74							



Reduced Power Mode for EC17

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Tx Channel	824.2	836.4	848.8	824.2	836.4	848.8		
Frequency (MHz)	824.2	836.4	848.8	824.2	836.4	848.8		
GSM 1 Tx slot	32.27	32.42	32.24	<b>33.50</b>	23.27	23.42	23.24	24.50
GPRS 1 Tx slot	32.33	32.38	32.31	<b>33.50</b>	23.33	23.38	23.31	24.50
GPRS 2 Tx slots	30.23	30.24	30.20	<b>31.50</b>	24.23	24.24	24.20	25.50
GPRS 3 Tx slots	28.06	28.18	28.14	<b>29.00</b>	23.80	23.92	23.88	25.24
GPRS 4 Tx slots	26.12	26.24	26.11	<b>27.00</b>	23.12	23.24	23.11	24.50
EDGE 1 Tx slot	26.11	26.21	26.16	<b>27.00</b>	17.11	17.21	17.16	18.50
EDGE 2 Tx slots	24.14	24.22	24.18	<b>25.00</b>	16.14	16.22	16.18	19.50
EDGE 3 Tx slots	21.89	21.99	21.93	<b>23.00</b>	17.63	17.73	17.67	19.24
EDGE 4 Tx slots	19.75	19.89	19.86	<b>21.00</b>	16.75	16.89	16.86	18.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Tx Channel	1820.2	1840	1860.8	1820.2	1840	1860.8		
Frequency (MHz)	1820.2	1840	1860.8	1820.2	1840	1860.8		
GSM 1 Tx slot	26.65	26.80	26.45	<b>27.00</b>	17.65	17.50	17.45	18.50
GPRS 1 Tx slot	26.48	26.53	26.35	<b>27.00</b>	17.48	17.53	17.35	18.50
GPRS 2 Tx slots	24.28	24.31	24.15	<b>25.00</b>	18.28	18.31	18.15	19.50
GPRS 3 Tx slots	22.18	22.33	22.15	<b>23.00</b>	17.92	18.07	17.89	19.24
GPRS 4 Tx slots	20.32	20.26	20.31	<b>21.00</b>	17.32	17.26	17.31	18.50
EDGE 1 Tx slot	22.37	22.40	22.24	<b>23.00</b>	13.37	13.40	13.24	14.50
EDGE 2 Tx slots	20.42	20.53	20.41	<b>21.00</b>	14.42	14.53	14.41	15.50
EDGE 3 Tx slots	18.33	18.38	18.44	<b>19.00</b>	14.07	14.12	14.18	15.24
EDGE 4 Tx slots	16.28	16.36	16.24	<b>17.00</b>	13.28	13.36	13.24	14.50

Band	WCDMA S_Ant 0			WCDMA V_Ant 0			Tune-up Limit (dBm)
	9262	9400	9538	4132	4182	4233	
Tx Channel	9662	9800	9938	4357	4407	4458	
Frequency (MHz)	9662.4	9800	9937.6	4357.4	4407.4	4457.6	
3GPP Rel 99   AMC 12-2Kbps	17.54	17.72	17.71	<b>18.00</b>	23.23	23.25	<b>24.00</b>
3GPP Rel 99   RMC 12-2Kbps	17.51	17.73	17.72	<b>18.00</b>	23.26	23.32	<b>24.00</b>
3GPP Rel 6   HSDPA Subtest-1	16.59	16.70	16.70	<b>17.00</b>	22.40	22.40	<b>23.00</b>
3GPP Rel 6   HSDPA Subtest-2	16.59	16.58	16.63	<b>17.00</b>	22.40	22.28	<b>23.00</b>
3GPP Rel 6   HSDPA Subtest-3	16.13	16.14	16.15	<b>17.00</b>	21.86	21.82	<b>21.78</b>
3GPP Rel 6   HSDPA Subtest-4	16.02	16.10	16.24	<b>17.00</b>	21.86	21.78	<b>22.50</b>
3GPP Rel 6   DC-HSDPA Subtest-1	16.93	17.02	16.87	<b>17.00</b>	22.53	22.54	<b>23.00</b>
3GPP Rel 6   DC-HSDPA Subtest-2	17.06	16.94	16.97	<b>17.00</b>	22.48	22.58	<b>23.00</b>
3GPP Rel 6   DC-HSDPA Subtest-3	16.30	16.43	16.34	<b>17.00</b>	22.06	22.06	<b>22.50</b>
3GPP Rel 6   DC-HSDPA Subtest-4	16.36	16.35	16.57	<b>17.00</b>	22.06	22.06	<b>22.86</b>
3GPP Rel 6   HSUPA Subtest-1	14.64	14.83	14.73	<b>16.00</b>	20.26	20.26	<b>21.00</b>
3GPP Rel 6   HSUPA Subtest-2	14.77	14.69	14.75	<b>16.00</b>	20.21	20.18	<b>21.50</b>
3GPP Rel 6   HSUPA Subtest-3	15.63	15.66	15.69	<b>17.00</b>	21.24	21.20	<b>22.50</b>
3GPP Rel 6   HSUPA Subtest-4	14.17	14.34	14.13	<b>16.00</b>	19.79	19.78	<b>21.00</b>
3GPP Rel 6   HSUPA Subtest-5	15.56	15.69	15.61	<b>17.00</b>	21.70	21.10	<b>22.50</b>
3GPP Rel 7   HSPA+ (HQAM) Subtest-1	14.42	14.28	14.37	<b>16.00</b>	19.69	19.65	<b>19.86</b>



Band 2_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)										
18700	18800	18900	19000	19100						
20	QPSK	1	0	16.93	17.00	16.90				
20	QPSK	1	49	17.11	17.16	17.10	18	0		
20	QPSK	1	99	16.88	17.16	16.98				
20	QPSK	50	0	15.83	16.10	16.04				
20	QPSK	50	24	15.80	15.94	15.82				
20	QPSK	50	50	15.80	15.84	15.86	17	1		
20	QPSK	100	0	15.94	15.96	15.87				
20	16QAM	1	0	15.75	15.98	15.97				
20	16QAM	1	49	15.88	15.97	15.92	17	1		
20	16QAM	1	99	15.78	15.96	16.00				
20	16QAM	50	0	14.78	15.08	15.08				
20	16QAM	50	24	14.76	14.82	14.94	16	2		
20	16QAM	50	50	14.83	14.98	14.85				
20	16QAM	100	0	14.80	14.86	14.94				
20	64QAM	1	0	14.86	14.89	15.06				
20	64QAM	1	49	14.87	14.86	15.09	16	2		
20	64QAM	1	99	14.75	15.10	14.95				
20	64QAM	50	0	13.88	14.06	14.09				
20	64QAM	50	24	13.81	14.03	14.01	15	3		
20	64QAM	50	50	13.94	13.94	13.89				
20	64QAM	100	0	13.94	13.94	13.86				
Channel										
Frequency (MHz)										
1857.5	1880	1890.5	1912.5							
15	QPSK	1	0	17.07	16.95	17.04				
15	QPSK	1	37	17.19	17.04	17.00	18	0		
15	QPSK	1	74	17.09	17.06	17.09				
15	QPSK	36	0	15.95	16.11	15.93				
15	QPSK	36	20	15.73	15.87	15.82	17	1		
15	QPSK	36	39	14.81	14.90	14.91				
15	QPSK	75	0	15.90	15.86	15.97				
15	16QAM	1	0	15.98	15.94	15.86				
15	16QAM	1	37	15.89	15.90	15.89	17	1		
15	16QAM	1	74	15.86	15.97	15.86				
15	16QAM	36	0	14.89	14.81	14.92				
15	16QAM	36	20	14.85	14.82	14.95	16	2		
15	16QAM	36	39	14.85	14.82	14.95				
15	16QAM	75	0	14.86	14.91	14.84				
15	64QAM	1	0	14.78	14.78	14.83				
15	64QAM	1	37	14.82	14.70	14.91	16	2		
15	64QAM	1	74	15.05	14.94	14.97				
15	64QAM	36	0	13.78	13.95	13.96				
15	64QAM	36	20	13.96	13.87	13.97	15	3		
15	64QAM	36	39	14.00	13.83	13.97				
15	64QAM	75	0	13.87	13.81	13.88				
Channel										
Frequency (MHz)										
1855	1880	1905								
10	QPSK	1	0	16.85	17.02	17.16				
10	QPSK	1	25	17.09	17.02	16.94	18	0		
10	QPSK	1	49	17.15	16.96	17.06				
10	QPSK	25	0	15.93	15.90	16.09				
10	QPSK	25	12	15.75	15.84	15.84	17	1		
10	QPSK	25	25	15.89	15.81	15.77				
10	QPSK	50	0	15.88	15.82	15.98				
10	16QAM	1	0	15.89	16.03	15.92				
10	16QAM	1	25	15.86	15.93	15.99	17	1		
10	16QAM	1	49	15.92	15.91	16.09				
10	16QAM	25	0	14.93	14.95	14.92				
10	16QAM	25	12	14.76	14.71	14.79	16	2		
10	16QAM	25	25	14.96	14.89	14.86				
10	16QAM	50	0	14.99	14.87	14.76				
10	64QAM	1	0	14.78	14.77	14.83	16	2		
10	64QAM	1	25	14.81	14.92	14.81				
10	64QAM	1	49	14.98	14.92	15.08				
10	64QAM	25	0	14.03	14.00	13.96				
10	64QAM	25	12	13.85	13.83	13.98	15	3		
10	64QAM	25	25	13.90	13.91	13.81				
10	64QAM	50	0	13.96	13.98	13.89				
Channel										
Frequency (MHz)										
1862.5	1890	1915								
5	QPSK	1	0	16.92	16.80	17.07.5				
5	QPSK	1	12	17.12	17.00	17.19	18	0		
5	QPSK	1	24	17.11	17.06	16.98				
5	QPSK	12	0	15.92	15.85	15.81				
5	QPSK	12	7	15.92	15.75	15.78	17	1		
5	QPSK	12	13	15.69	15.82	15.85				
5	QPSK	25	0	15.83	15.98	15.96				
5	16QAM	1	0	15.85	15.98	15.88				
5	16QAM	1	12	15.81	15.89	16.00	17	1		
5	16QAM	1	24	15.94	15.96	15.84				
5	16QAM	12	0	14.86	15.03	14.93				
5	16QAM	12	7	14.71	14.83	14.84	16	2		
5	16QAM	12	13	14.88	15.05	15.05				
5	16QAM	25	0	14.84	14.85	14.82				
5	64QAM	1	0	14.87	14.74	14.79				
5	64QAM	1	12	14.75	14.69	14.86	16	2		
5	64QAM	1	24	14.93	14.95	14.86				
5	64QAM	12	0	13.78	13.73	13.93				
5	64QAM	12	7	13.77	13.98	13.98	15	3		
5	64QAM	12	13	13.90	14.01	14.00				
5	64QAM	25	0	13.71	13.88	13.88				
Channel										
Frequency (MHz)										
1851.5	1880	1908.5								
3	QPSK	1	0	16.98	16.96	16.97				
3	QPSK	1	8	17.06	17.07	17.17	18	0		
3	QPSK	1	14	16.90	17.05	17.06				
3	QPSK	8	0	16.00	15.85	15.85				
3	QPSK	8	4	15.79	15.77	15.79	17	1		
3	QPSK	8	7	15.68	15.92	15.70				
3	QPSK	15	0	16.01	15.74	15.90				
3	16QAM	1	0	16.00	15.88	15.96				
3	16QAM	1	8	15.83	16.01	15.94	17	1		
3	16QAM	1	14	15.84	15.77	15.90				
3	16QAM	8	0	14.86	14.91	14.99				
3	16QAM	8	4	14.81	14.72	14.93	16	2		
3	16QAM	8	7	14.78	14.96	14.89				
3	16QAM	15	0	14.80	14.85	14.91				
3	64QAM	1	0	14.78	14.76	14.91				
3	64QAM	1	8	14.91	14.93	14.79	16	2		
3	64QAM	1	14	14.97	14.85	14.91				
3	64QAM	8	0	13.83	14.00	13.88				
3	64QAM	8	4	13.93	13.91	13.83	15	3		
3	64QAM	8	7	13.93	13.84	13.84				
3	64QAM	15	0	13.93	13.96	13.75				
Channel										
Frequency (MHz)										
1850.7	1880	1909.3								
1.4	QPSK	1	0	17.08	16.95	16.88				
1.4	QPSK	1	3	17.06	16.90	16.83	18	0		
1.4	QPSK	1	5	17.13	17.07	17.18				
1.4	QPSK	3	0	16.77	16.85	16.78				
1.4	QPSK	3	1	16.76	16.67	16.56				
1.4	QPSK	3	3	16.66	16.75	16.56	17	1		
1.4	QPSK	6	0	15.78	15.74	15.95				
1.4	16QAM	1	0	15.97	15.98	15.99				
1.4	16QAM	1	3	15.88	16.00	15.81	17	1		
1.4	16QAM	1	5	15.99	15.99	15.78				
1.4	16QAM	3	0	15.65	15.78	15.80				
1.4	16QAM	3	1	15.84	15.73	15.62				
1.4	16QAM	3	3	15.87	15.83	15.91	16	2		
1.4	16QAM	6	0	14.70	14.98	14.89				
1.4	64QAM	1	0	14.69	14.79	14.73				
1.4	64QAM	1	3	14.82	14.81	14.82				
1.4	64QAM	1	5	14.91	14.98	14.99	16	2		
1.4	64QAM	3	0	14.84	14.84	14.65				
1.4	64QAM	3	1	14.61	14.79	14.79				
1.4	64QAM	3	3	14.87	14.96	14.79				
1.4	64QAM	6	0	13.94	13.91	13.96	15	3		

Band 2_Ant 3										
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)										
18700	18800	18900	19000							
20	QPSK	1	0	14.14	14.23	14.13				
20	QPSK	1	49	14.28	14.46	14.11	16	0		
20	QPSK	1	99	14.04	14.38	14.10				
20	QPSK	50	0	13.20	13.27	13.15				
20	QPSK	50	24	13.03	13.26	13.16	15	1		
20	QPSK	50	50	13.05	13.15	13.16				
20	QPSK	100	0	13.20	13.23	13.08				
20	16QAM	1	0	13.15	13.08	13.14				
20	16QAM	1	49	13.25	13.29	13.28	15	1		
20	16QAM	1	99	13.35	13.09	13.27				
20	16QAM	50	0	12.13	12.24	12.10				
20	16QAM	50	24	12.08	12.33	12.23	14	2		
20	16QAM	50	50	12.14	12.15	12.21				
20	16QAM	100								



Band 5_Ant 3											
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				20450	20525	20600					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	0	19.16	19.19	18.99					
10	QPSK	1	25	19.22	19.33	19.13					
10	QPSK	1	49	19.06	19.13	19.08			20.5	0	
10	QPSK	25	0	18.18	18.22	18.06					
10	QPSK	25	12	18.16	18.07	18.05					
10	QPSK	25	25	17.97	18.05	17.97			19.5	1	
10	QPSK	50	0	18.14	18.17	18.00					
10	16QAM	1	0	17.88	17.99	17.99			19.5	1	
10	16QAM	1	25	17.88	18.19	17.96					
10	16QAM	1	49	18.11	18.11	18.02					
10	16QAM	25	0	16.99	17.20	16.91					
10	16QAM	25	12	17.11	17.23	16.86			18.5	2	
10	16QAM	25	25	17.03	17.13	17.03					
10	16QAM	50	0	16.96	17.24	16.90					
10	16QAM	1	0	16.88	17.21	17.05					
10	64QAM	1	25	16.97	17.14	17.02			18.5	2	
10	64QAM	1	49	17.01	17.05	16.99					
10	64QAM	25	0	16.05	16.18	15.91					
10	64QAM	25	12	15.94	16.14	16.10			17.5	3	
10	64QAM	25	25	15.94	16.10	16.02					
10	64QAM	50	0	15.92	16.06	16.11					
Channel				20425	20525	20625					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	0	19.06	19.01	19.07					
5	QPSK	1	12	19.15	19.16	19.09			20.5	0	
5	QPSK	1	24	19.16	19.16	19.11					
5	QPSK	12	0	18.10	18.05	18.30					
5	QPSK	12	7	18.05	17.95	18.15			19.5	1	
5	QPSK	12	13	18.09	17.90	17.85					
5	QPSK	25	0	18.01	17.99	18.07					
5	16QAM	1	0	17.98	17.90	17.83			19.5	1	
5	16QAM	1	12	17.86	17.97	18.13					
5	16QAM	1	24	17.98	18.02	18.06					
5	16QAM	12	0	17.23	17.20	17.18			18.5	2	
5	16QAM	12	7	16.94	17.07	16.92					
5	16QAM	12	13	17.12	17.17	17.12					
5	16QAM	25	0	17.15	17.05	16.99					
5	64QAM	1	0	17.05	17.25	17.12					
5	64QAM	1	12	16.98	17.12	17.14			18.5	2	
5	64QAM	1	24	16.97	17.04	17.14					
5	64QAM	12	0	16.03	16.09	16.07					
5	64QAM	12	7	15.96	15.95	16.13			17.5	3	
5	64QAM	12	13	15.97	15.91	16.00					
5	64QAM	25	0	16.16	16.01	15.99					
Channel				20415	20525	20635					
Frequency (MHz)				828.5	836.5	847.5					
3	QPSK	1	0	19.28	19.11	19.20					
3	QPSK	1	8	19.12	19.14	19.04			20.5	0	
3	QPSK	1	14	19.17	19.11	19.24					
3	QPSK	8	0	18.10	18.14	18.07					
3	QPSK	8	4	18.16	17.89	17.89			19.5	1	
3	QPSK	8	7	17.97	17.89	18.14					
3	QPSK	15	0	18.16	18.03	18.16					
3	16QAM	1	0	17.93	17.98	18.11			19.5	1	
3	16QAM	1	8	18.07	17.92	18.12					
3	16QAM	1	14	18.22	18.03	18.16			18.5	2	
3	16QAM	8	0	17.02	17.10	17.21					
3	16QAM	8	4	16.97	17.04	17.05					
3	16QAM	8	7	17.20	17.16	17.16			18.5	2	
3	16QAM	15	0	17.05	17.05	17.10					
3	64QAM	1	0	17.18	17.25	17.19			18.5	2	
3	64QAM	1	8	17.10	17.00	17.20					
3	64QAM	1	14	16.96	16.88	17.04					
3	64QAM	8	0	16.00	16.02	15.88					
3	64QAM	8	4	16.13	16.00	16.13			17.5	3	
3	64QAM	8	7	15.92	15.94	16.02					
3	64QAM	15	0	16.13	16.08	15.94					
Channel				20407	20525	20643					
Frequency (MHz)				829.7	836.5	846.3					
1.4	QPSK	1	0	19.98	19.02	19.22					
1.4	QPSK	1	3	19.16	19.17	19.08			20.5	0	
1.4	QPSK	1	5	19.28	19.20	19.22					
1.4	QPSK	3	0	18.89	19.05	18.99					
1.4	QPSK	3	1	19.06	18.89	19.01					
1.4	QPSK	3	3	18.99	18.91	18.80			19.5	1	
1.4	QPSK	6	0	18.11	17.92	17.92					
1.4	16QAM	1	0	17.93	17.94	18.04					
1.4	16QAM	1	3	18.08	18.10	18.02			12.5	1	
1.4	16QAM	1	5	18.15	17.94	17.92					
1.4	16QAM	3	0	17.96	18.09	17.99			19.5	1	
1.4	16QAM	3	1	17.93	18.02	17.85					
1.4	16QAM	3	3	17.97	17.90	17.96			11.5	2	
1.4	16QAM	6	0	17.15	16.98	16.97					
1.4	64QAM	1	0	17.06	16.99	17.19					
1.4	64QAM	1	3	16.95	17.09	17.09			17.5	2	
1.4	64QAM	1	5	17.07	16.94	16.96					
1.4	64QAM	3	0	16.86	16.89	16.97			18.5	2	
1.4	64QAM	3	1	16.86	17.05	17.00					
1.4	64QAM	3	3	16.92	16.93	16.87					
1.4	64QAM	6	0	16.08	16.18	16.11			17.5	3	

Band 7_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				20850	21100	21350					
Frequency (MHz)				20850	2135	2560					
20	QPSK	1	0	12.57	12.74	12.72			13.5	0	
20	QPSK	1	49	12.69	12.97	12.85					
20	QPSK	1	98	12.55	12.96	12.83					
20	QPSK	50	0	11.58	11.85	11.63			12.5	1	
20	QPSK	50	24	11.49	11.78	11.60					
20	QPSK	50	50	11.56	11.75	11.54					
20	QPSK	100	0	11.42	11.81	11.49			12.5	1	
20	16QAM	1	0	11.55	11.58	11.59					
20	16QAM	1	49	11.42	11.73	11.70			12.5	1	
20	16QAM	1	99	11.48	11.73	11.46					
20	16QAM	50	0	10.53	10.62	10.46					
20	16QAM	50	24	10.47	10.76	10.51			11.5	2	
20	16QAM	50	50	10.68	10.64	10.65					
20	16QAM	100	0	10.52	10.99	10.86					
20	64QAM	1	0	10.45	10.78	10.55					
20	64QAM	1	49	10.55	10.60	10.70			11.5	2	
20	64QAM	1	99	10.55	10.74	10.55					
20	64QAM	50	0	9.46	9.69	9.58					
20	64QAM	50	24	9.57	9.74	9.67			10.5	3	
20	64QAM	50	50	9.66	9.62	9.58					
20	64QAM	100	0	9.52	9.79	9.50					
Channel				20825	21100	21375					
Frequency (MHz)				2077.5	2535	2992.5					
15	QPSK	1	0	12.72	12.82	12.69			13.5	0	
15	QPSK	1	37	12.89	12.87	12.88					
15	QPSK	1	74	12.71	12.79	12.83					
15	QPSK	36	0	11.76	11.68	11.75					
15	QPSK	36	20	11.63	11.48	11.69			12.5	1	
15	QPSK	36	39	11.56	11.56	11.53					
15	QPSK	75	0	11.71	11.86	11.59					
15	16QAM	1	0	11.46	11.53	11.61			12.5	1	
15	16QAM	1	37	11.70	11.56	11.56					
15	16QAM	1	74	11.53	11.63	11.58			11.5	2	
15	16QAM	36	0	10.55	10.52	10.56					
15	16QAM	36	20	10.50	10.68						

Band 38_Ant 0										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	14.97	15.03	15.02	16	0		
20	QPSK	1	49	15.31	15.34	15.27				
20	QPSK	99	0	15.31	15.34	15.27				
20	QPSK	50	0	15.12	14.32	14.21				
20	QPSK	50	24	14.16	14.23	14.25	15	1		
20	QPSK	50	50	14.12	14.24	14.24				
20	QPSK	100	0	14.18	14.30	14.14				
20	16QAM	1	0	14.08	14.26	14.03	15	1		
20	16QAM	50	24	13.07	13.16	13.09				
20	16QAM	1	99	14.01	14.26	13.97				
20	16QAM	50	0	13.36	13.35	13.11				
20	16QAM	50	50	13.25	13.12	13.17	14	2		
20	16QAM	100	0	13.00	13.20	13.10				
20	64QAM	1	49	13.19	13.31	13.23				
20	64QAM	1	49	13.04	13.23	13.11	14	2		
20	64QAM	1	99	13.00	13.36	13.11				
20	64QAM	50	0	12.92	12.26	12.16				
20	64QAM	50	24	12.23	12.28	12.19	13	3		
20	64QAM	50	50	12.26	12.27	12.19				
20	64QAM	100	0	12.21	12.36	12.24				
Channel										
Frequency (MHz)										
15	QPSK	1	0	14.84	14.88	14.82	16	0		
15	QPSK	1	37	15.19	15.17	15.17				
15	QPSK	1	74	14.93	15.00	14.87				
15	QPSK	36	0	14.32	14.34	14.33				
15	QPSK	36	20	14.07	14.28	14.02	15	1		
15	QPSK	36	39	14.18	14.19	14.07				
15	QPSK	75	0	14.17	14.28	14.26				
15	16QAM	1	0	14.15	14.20	14.12	15	1		
15	16QAM	1	37	13.99	14.21	14.14				
15	16QAM	1	74	14.15	14.16	14.12				
15	16QAM	36	0	13.25	13.33	13.16	14	2		
15	16QAM	36	20	13.10	13.22	13.16				
15	16QAM	36	39	13.02	13.22	13.16				
15	16QAM	75	0	12.95	13.07	13.10	14	2		
15	64QAM	1	0	13.06	13.21	13.22				
15	64QAM	1	37	13.19	13.14	13.19				
15	64QAM	1	74	13.26	13.14	13.19				
15	64QAM	36	0	12.60	12.29	12.22	13	3		
15	64QAM	36	20	12.99	12.26	12.26				
15	64QAM	36	39	12.33	12.18	12.17				
15	64QAM	75	0	12.30	12.07	12.20				
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.02	14.89	15.01	16	0		
10	QPSK	1	25	15.27	15.19	15.25				
10	QPSK	1	49	14.86	14.90	15.04				
10	QPSK	25	0	14.03	14.28	14.19	15	1		
10	QPSK	25	13	14.12	14.27	14.08				
10	QPSK	25	25	14.22	14.07	14.11				
10	QPSK	50	0	14.08	14.14	14.17				
10	16QAM	1	25	13.97	14.17	14.17	15	1		
10	16QAM	1	49	14.01	14.13	14.21				
10	16QAM	25	0	13.16	13.28	13.28				
10	16QAM	25	12	12.99	13.09	13.09	14	2		
10	16QAM	25	25	13.08	13.16	13.25				
10	64QAM	1	0	13.09	13.24	13.26	14	2		
10	64QAM	1	25	13.34	13.24	13.15				
10	64QAM	25	0	12.16	12.13	12.28				
10	64QAM	25	12	12.07	12.16	12.12	13	3		
10	64QAM	25	25	12.15	12.07	12.09				
10	64QAM	50	0	12.33	12.18	12.18				
Channel										
Frequency (MHz)										
5	QPSK	1	0	15.07	14.94	15.13	16	0		
5	QPSK	1	12	15.15	15.23	15.21				
5	QPSK	1	24	14.99	14.91	14.86				
5	QPSK	12	0	14.26	14.31	14.31				
5	QPSK	12	7	14.15	14.08	14.21	15	1		
5	QPSK	25	0	14.26	14.28	14.18				
5	16QAM	1	0	14.11	14.19	14.10	15	1		
5	16QAM	1	12	14.07	14.19	14.03				
5	16QAM	1	24	14.04	14.00	14.02				
5	16QAM	12	0	13.16	13.26	13.16	14	2		
5	16QAM	12	13	13.20	13.13	13.24				
5	64QAM	1	0	13.10	13.01	13.16	14	2		
5	64QAM	1	12	13.11	13.17	13.08				
5	64QAM	12	0	12.13	12.16	12.13	13	3		
5	64QAM	12	7	12.12	12.09	12.12				
5	64QAM	12	13	12.16	11.96	12.06				
5	64QAM	25	0	12.24	12.23	12.20				

Band 38_Ant 3										
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time-up limit (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.24	15.42	15.31	17	0		
20	QPSK	1	49	15.43	15.62	15.44				
20	QPSK	99	0	15.43	15.62	15.44				
20	QPSK	50	0	15.12	14.31	14.10				
20	QPSK	50	24	14.20	14.31	14.09	16	1		
20	QPSK	50	50	14.04	14.12	14.05				
20	QPSK	100	0	14.02	14.26	14.21				
20	16QAM	1	0	14.34	14.61	14.56	16	1		
20	16QAM	50	24	13.31	13.54	13.63				
20	16QAM	1	99	14.35	14.61	14.38				
20	16QAM	50	0	13.59	13.95	13.49				
20	16QAM	50	50	13.22	13.57	13.52	15	2		
20	16QAM	100	0	13.34	13.59	13.31				
20	64QAM	1	49	13.55	13.53	13.57	15	2		
20	64QAM	1	99	13.43	13.35	13.30				
20	64QAM	50	0	12.95	12.43	12.39				
20	64QAM	50	24	12.59	12.51	12.40	14	3		
20	64QAM	50	50	12.46	12.47	12.50				
20	64QAM	100	0	12.40	12.59	12.39				
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.12	15.32	15.21	17	0		
15	QPSK	1	37	15.53	15.62	15.58				
15	QPSK	1	74	15.14	15.07	15.16				
15	QPSK	36	0	14.01	14.33	14.11				
15	QPSK	36	20	14.01	14.26	14.08	16	1		
15	QPSK	36	39	14.16	14.07	14.07				
15	QPSK	75	0	14.08	14.28	14.26				
15	16QAM	1	0	14.28	14.61	14.33	16	1		
15	16QAM	1	37	14.27	14.57	14.39				
15	16QAM	1	74	14.40	14.33	14.31				
15	16QAM	36	0	13.29	13.60	13.38	15	2		
15	16QAM	36	20	13.34	13.49	13.45				
15	16QAM	36	39	13.26	13.43	13.41				
15	16QAM	75	0	13.40	13.53	13.41	15	2		
15	64QAM	1	0	13.25	13.61	13.40				
15	64QAM	1	37	13.44	13.38	13.34				
15	64QAM	1	74	13.36	13.48	13.43				
15	64QAM	36	0	12.30	12.40	12.47	14	3		
15	64QAM	36	20	12.49	12.29	12.42				
15	64QAM	36	39	12.36	12.42	12.42				
15	64QAM	75	0	12.42	12.45	12.45				
Channel										
Frequency (MHz)										
10	QPSK	1	0	15.17	15.39	15.21	17	0		
10	QPSK	1	25	15.40	15.22	15.25				
10	QPSK	1	49	15.13	15.09	15.19				
10	QPSK	25	0	14.19	14.31	14.09	16	1		
10	QPSK	25	13	14.04	14.29	14.01				
10	QPSK	25	25	14.11	14.27	14.11				
10	QPSK	50	0	14.01	14.27	14.13				
10	16QAM	1	25	14.01						

2.4GHz WLAN																			
2.4GHz WLAN_Ant5																			
Mode	Channel	Frequency (MHz)	Default/Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on	Duty Cycle %	
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
802.11a 1Mbps	1	2412	18.80	20.50	15.80	17.50	13.95	15.50	15.30	17.00	12.80	14.50	18.90	20.50	16.40	18.00	14.20	16.00	100.00
	6	2437	19.00	20.50	16.00	17.50	14.10	15.50	15.50	17.00	13.00	14.50	19.00	20.50	16.40	18.00	14.50	16.00	
	2432	18.80	20.50	15.80	17.50	13.90	15.50	15.40	17.00	12.80	14.50	18.80	20.50	16.30	18.00	14.40	16.00		
	1	2412	18.70	20.50	15.70	17.50		15.50	15.30	17.00		14.50	18.70	20.50		18.00	14.20	16.00	
802.11g 6Mbps	1	2412	18.80	20.50	15.80	17.50		15.50	15.30	17.00		14.50	18.80	20.50		18.00		16.00	100.00
	6	2437	18.80	20.50	15.80	17.50		15.50	15.30	17.00		14.50	18.80	20.50		18.00		16.00	
	11	2462	17.80	19.50	15.00	17.00		15.50	15.30	17.00		14.50	17.80	19.50		18.00		16.00	
	1	2412	18.80	20.50	15.50	17.50	Not Required	15.50	15.20	17.00	Not Required	14.50	18.80	20.50	Not Required	18.00	Not Required	16.00	
802.11n-HT40 MCS0	6	2437	18.80	20.50	15.70	17.50		15.50	15.30	17.00		14.50	18.90	20.50		18.00		16.00	100.00
	11	2462	17.70	19.50	15.60	17.50		15.50	15.30	17.00		14.50	17.70	19.50		18.00		16.00	
	3	2422	17.20	19.00	15.50	17.50		15.50	15.00	17.00		14.50	17.20	19.00		18.00		16.00	
	6	2437	17.30	19.00	15.50	17.50		15.50	15.40	17.00		14.50	17.30	19.00		18.00		16.00	
802.11n-HT40 MCS9	6	2437	18.80	20.50	15.80	17.50		15.50	15.40	17.00		14.50	18.80	20.50		18.00		16.00	100.00
	11	2462	17.70	19.50	15.70	17.50		15.50	15.40	17.00		14.50	17.70	19.50		18.00		16.00	
	3	2422	17.20	19.00	15.50	17.50		15.50	15.10	17.00		14.50	17.20	19.00		18.00		16.00	
	6	2437	17.30	19.00	15.50	17.50		15.50	15.40	17.00		14.50	17.30	19.00		18.00		16.00	

5.2GHz WLAN																			
5.2GHz WLAN_Ant5																			
Mode	Channel	Frequency (MHz)	Default/Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on	Duty Cycle %	
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit			
802.11a 6Mbps	36	5180	16.32	18.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	100.00
	40	5200	17.68	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	44	5220	17.71	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	48	5240	17.73	19.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		10.00	
802.11n-HT20 MCS0	36	5180	16.41	18.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	100.00
	40	5200	17.70	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	44	5220	17.71	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	48	5240	17.73	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
802.11n-HT40 MCS0	36	5180	14.21	16.00	14.31	16.00		14.00		12.00		8.50		14.31		15.00		10.00	100.00
	40	5200	15.57	18.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	44	5220	15.58	18.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	46	5230	17.24	18.50	15.68	17.00		14.00		12.00		8.50		15.68		15.00		10.00	
802.11ac-VHT20 MCS0	36	5180	18.00	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	100.00
	40	5200	19.00	19.00		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	44	5220	Not Required	19.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	48	5240	Not Required	19.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		10.00	
802.11ac-VHT40 MCS0	36	5180	16.00	18.00		16.00		14.00		12.00		8.50		16.00		15.00		10.00	100.00
	40	5200	18.50	18.50		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	44	5220	18.50	18.50		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
	46	5230	18.50	18.50		17.00		14.00		12.00		8.50		17.00		15.00		10.00	
802.11ac-VHT80 MCS0	42	5210	13.24	15.00	15.00	13.24	14.00	10.32	12.00	8.20	8.20	15.00	13.24	15.00	8.20	15.00	10.00	100.00	

5.3GHz WLAN																		
5.3GHz WLAN_Ant5																		
Mode	Channel	Frequency (MHz)	Default/Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on	Duty Cycle %
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
802.11a 6Mbps	52	5250	17.50	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	56	5280	17.64	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	60	5300	17.59	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	64	5320	16.82	17.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		100.00
802.11n-HT20 MCS0	52	5250	17.68	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	56	5280	17.69	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	60	5300	17.67	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	64	5320	15.74	17.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
802.11n-HT40 MCS0	54	5270	17.93	19.00	15.54	16.00		14.00		12.00		8.50	15.54	16.00	13.75	15.00		100.00
	58	5300	17.93	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	62	5310	14.73	16.00	14.73	16.00		14.00		12.00		8.50	14.73	16.00	13.71	15.00		100.00
	52	5250	19.00	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
802.11ac-VHT20 MCS0	46	5280	18.00	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
	60	5300	Not Required	19.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		100.00
	64	5320	Not Required	17.00	Not Required	17.00		14.00		12.00		8.50		17.00		15.00		100.00
	54	5270	18.00	19.00		17.00		14.00		12.00		8.50		17.00		15.00		100.00
802.11ac-VHT80 MCS0	62	5310	16.00	18.00		16.00		14.00		12.00		8.50		16.00		15.00		100.00
	58	5290	12.88	14.50		14.50	12.42	14.00	10.08	12.00	6.79	8.50		14.50		15.00		100.00

5.5GHz WLAN																		
5.5GHz WLAN_Ant5																		
Mode	Channel	Frequency (MHz)	Default/Full Power		Head Standalone		Head Simultaneous		Body Standalone		Body Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot on	Duty Cycle %
			Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit		
802.11a 6Mbps	100	5500	14.80	16.50		15.00		11.00		9.00		8.00		11.00		10.00		100.00
	116	5580	17.35	19.00		17.00		13.00		11.00		8.00		17.00		15.00		100.00
	124	5620	17.22	19.00		17.00		13.00		11.00		8.00		17.00		15.00		100.00
	132	5660	17.30	19.00		17.00		13.00		11.00		8.00		17.00		15.00		100.00
802.11n-HT20 MCS0	140	5700	12.77	14.50		14.50		11.00		9.00		8.00		14.50		14.50		100.00
	144	5720	17.29	19.00		17.00		13.00		11.00		8.00		17.00		15.00		100.00

BR / EDR			Ant 5				
Mode	Channel	Frequency (MHz)	Average power (dBm)				
			1Mbps	Tune-up	2Mbps	3Mbps	Tune-up
BR / EDR	CH 00	2402	9.20	11.00	6.20	6.20	8.00
	CH 39	2441	9.80	11.50	6.60	6.60	8.00
	CH 78	2480	9.90	11.50	6.80	6.80	8.00

BLE			Ant 5			
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	125Kbps	500Kbps
LE	CH 00	2402	0.90	0.70	0.90	0.70
	CH 19	2440	2.40	2.30	2.50	2.30
	CH 39	2480	1.50	1.50	1.70	1.50
Tune-up Limit			2.99	2.99	2.99	2.99