



Full&Default Power Mode/Reduced Power for DSI4

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	123	169	251		123	169	251	
GSM850_Ant 0	824.2	836.4	848.6		824.2	836.4	848.6	
TX Channel								
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6	
GSM 1 Tx slot	32.09	32.15	32.11	33.50	23.09	23.15	23.11	24.50
GPRS 1 Tx slot	32.11	32.15	32.12	33.50	23.11	23.15	23.12	24.50
GPRS 2 Tx slots	30.13	30.16	30.16	31.50	24.13	24.16	24.16	25.50
GPRS 3 Tx slots	28.10	28.11	28.10	29.50	23.84	23.85	23.84	25.24
GPRS 4 Tx slots	26.22	26.24	26.25	27.50	23.22	23.24	23.25	24.50
EDGE 1 Tx slot	26.14	26.22	26.19	27.50	17.14	17.22	17.19	18.50
EDGE 2 Tx slots	25.01	24.91	24.77	25.50	19.01	18.91	18.77	19.50
EDGE 3 Tx slots	22.94	23.01	22.84	23.50	18.68	18.75	18.58	19.24
EDGE 4 Tx slots	20.57	20.51	20.43	21.00	17.57	17.51	17.43	18.00

	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
GSM1900_Ant 0	1650.2	1680	1699.8		1650.2	1680	1699.8	
TX Channel								
Frequency (MHz)	1650.2	1680	1699.8		1650.2	1680	1699.8	
GSM 1 Tx slot	29.85	29.81	29.60	30.50	20.85	20.81	20.60	21.50
GPRS 1 Tx slot	29.87	29.80	29.60	30.50	20.87	20.80	20.60	21.50
GPRS 2 Tx slots	27.85	27.87	27.70	28.50	21.85	21.87	21.70	22.50
GPRS 3 Tx slots	25.77	25.79	25.73	26.50	21.51	21.53	21.47	22.24
GPRS 4 Tx slots	23.73	23.79	23.78	24.50	20.73	20.79	20.76	21.50
EDGE 1 Tx slot	26.01	25.87	25.84	26.50	17.01	16.87	16.84	17.50
EDGE 2 Tx slots	24.31	24.30	24.21	24.50	18.31	18.30	18.21	18.50
EDGE 3 Tx slots	22.29	22.27	22.12	22.50	18.03	18.01	17.86	18.24
EDGE 4 Tx slots	20.26	20.10	20.14	20.50	17.26	17.10	17.14	17.50

Band	WCDMA II_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		
Rx Channel	1652.4	1680	1697.6		826.4	836.4	846.6		
Frequency (MHz)	1652.4	1680	1697.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	23.20	23.19	23.19	24.00	22.70	22.92	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.28	23.21	24.00	22.92	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-1	22.31	22.23	22.21	23.00	21.94	21.93	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	22.21	22.16	22.12	23.00	21.91	21.84	21.89	23.00
3GPP Rel 6	HSDPA Subtest-3	21.67	21.65	21.59	22.50	21.35	21.40	21.34	22.50
3GPP Rel 6	HSDPA Subtest-4	21.63	21.64	21.57	22.50	21.42	21.37	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.28	22.17	22.16	23.00	21.90	21.86	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.19	22.15	22.11	23.00	21.87	21.77	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.53	21.49	22.50	21.33	21.34	21.30	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.55	21.47	22.50	21.36	21.37	21.32	22.50
3GPP Rel 6	HSUPA Subtest-1	20.84	20.84	20.80	21.50	20.46	20.49	20.50	21.50
3GPP Rel 6	HSUPA Subtest-2	20.84	20.83	20.77	21.50	20.55	20.52	20.43	21.50
3GPP Rel 6	HSUPA Subtest-3	21.79	21.84	21.75	22.50	21.45	21.45	21.43	22.50
3GPP Rel 6	HSUPA Subtest-4	20.26	20.25	20.34	21.00	20.02	20.04	19.94	21.00
3GPP Rel 6	HSUPA Subtest-5	21.70	21.70	21.60	22.50	21.40	21.40	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.06	20.09	21.50	19.77	19.82	19.81	21.50

Band 2_Ant 0

BW (kHz)	Modulation	RB Size	RB Offset	Power Level Ch / Freq 16000	Power Level Ch / Freq 16000	Power Level Ch / Freq 16000	Tune-up limit (dBm)	MFR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	22.74	22.82	22.84	24	0
20	QPSK	1	48	22.81	22.98	22.96		
20	QPSK	1	96	22.85	22.93	22.93		
20	QPSK	50	0	21.89	21.91	21.74		
20	QPSK	1	24	21.82	21.86	21.78	23	1
20	QPSK	60	50	21.76	21.84	21.80		
20	QPSK	100	0	21.82	21.87	21.78		
20	16QAM	1	0	21.86	21.87	21.86		
20	16QAM	1	48	21.86	22.00	22.08	23	1
20	16QAM	1	96	21.86	22.03	21.93		
20	16QAM	50	0	20.89	20.91	20.81		
20	16QAM	100	0	20.87	20.91	20.78		
20	16QAM	60	24	20.85	20.91	20.82	22	2
20	16QAM	60	50	20.87	20.91	20.78		
20	64QAM	1	0	20.81	20.87	20.78		
20	64QAM	1	48	21.13	21.13	21.07		
20	64QAM	1	96	21.03	20.86	20.85	22	2
20	64QAM	1	144	20.86	20.87	20.88		
20	64QAM	50	24	20.81	20.86	20.85		
20	64QAM	50	50	20.82	20.90	20.88		
20	64QAM	50	96	20.81	20.86	20.85	21	3
20	64QAM	50	144	20.81	20.86	20.85		
20	64QAM	100	0	19.90	19.94	19.88		
20	64QAM	100	0	19.90	19.94	19.88		
Channel								
Frequency (MHz)								
15	QPSK	1	0	19.875	19.900	19.875	24	0
15	QPSK	1	37	22.92	22.81	22.71		
15	QPSK	1	74	22.86	22.74	22.82		
15	QPSK	36	0	21.92	21.92	21.92		
15	QPSK	36	20	22.03	21.87	21.89	23	1
15	QPSK	36	56	22.09	21.87	21.89		
15	QPSK	75	0	21.94	21.91	21.81		
15	16QAM	1	0	22.00	22.10	22.19		
15	16QAM	1	37	22.09	22.23	22.23	23	1
15	16QAM	1	74	21.85	21.84	22.16		
15	16QAM	36	0	20.84	20.86	20.89		
15	16QAM	36	20	20.83	20.89	20.96		
15	16QAM	36	56	20.81	20.77	20.81	22	2
15	16QAM	75	0	20.83	20.81	20.81		
15	64QAM	1	0	20.81	21.07	21.11		
15	64QAM	1	37	21.07	21.11	21.05		
15	64QAM	1	74	20.76	20.86	21.08	22	2
15	64QAM	36	0	20.82	20.84	20.88		
15	64QAM	36	20	20.84	20.84	20.85		
15	64QAM	75	0	19.89	19.95	19.89		
15	64QAM	75	0	19.89	19.95	19.89	21	3
15	64QAM	75	0	19.89	19.95	19.89		
15	64QAM	75	0	19.89	19.95	19.89		
15	64QAM	75	0	19.89	19.95	19.89		
Channel								
Frequency (MHz)								
10	QPSK	1	0	22.81	22.81	22.83	24	0
10	QPSK	1	25	22.85	22.81	22.67		
10	QPSK	1	49	22.81	22.74	22.88		
10	QPSK	25	12	21.91	21.79	21.80		
10	QPSK	25	12	21.93	21.87	21.88	23	1
10	QPSK	50	0	22.00	21.90	21.91		
10	16QAM	1	25	22.18	22.39	22.33		
10	16QAM	1	49	22.39	22.39	22.33		
10	16QAM	25	0	20.91	20.85	20.90	22	2
10	16QAM	25	25	20.89	20.98	20.93		
10	16QAM	50	0	20.88	20.89	20.81		
10	16QAM	50	0	21.14	21.20	20.95		
10	64QAM	1	25	21.24	21.26	21.13	22	2
10	64QAM	1	49	20.89	20.89	21.13		
10	64QAM	25	0	19.89	20.83	19.86		
10	64QAM	25	12	19.89	20.83	19.86		
10	64QAM	25	25	19.85	19.84	19.83	21	3
10	64QAM	25	37	19.85	19.86	19.83		
10	64QAM	50	0	20.81	19.95	19.95		
10	64QAM	50	0	20.81	19.95	19.95		
Channel								
Frequency (MHz)								
5	QPSK	1	0	22.825	22.81	22.72	24	0
5	QPSK	1	12	22.80	22.81	22.83		
5	QPSK	1	24	22.80	22.81	22.83		
5	QPSK	12	0	21.90	21.83	21.91		
5	QPSK	12	7	22.06	21.86	21.90	23	1
5	QPSK	12	13	21.84	21.83	21.80		
5	QPSK	25	0	21.82	21.85	21.86		
5	16QAM	1	0	21.83	21.89	21.83		
5	16QAM	1	12	22.17	22.03	22.33	23	1
5	16QAM	1	24	22.09	22.08	22.17		
5	16QAM	12	0	20.89	20.95	20.81		
5	16QAM	12	7	20.89	20.95	20.79		
5	16QAM	12	13	20.88	20.95	20.79	22	2
5	16QAM	1	0	21.08	21.11	21.07		
5	64QAM	1	12	21.09	21.22	21.33		
5	64QAM	1	24	21.17	21.08	21.00		
5	64QAM	12	0	20.87	20.86	20.80	22	2
5	64QAM	12	7	20.87	20.86	20.80		
5	64QAM	12	13	20.87	20.86	20.80		
5	64QAM	12	19	19.81	19.85	19.92		
5	64QAM	12	25	19.81	19.85	19.92	21	3
5	64QAM	25	0	19.84	19.90	19.91		
5	64QAM	25	0	19.84	19.90	19.91		
5	64QAM	25	0	19.84	19.90	19.91		
Channel								
Frequency (MHz)								
3	QPSK	1	0	22.84	22.80	22.83	24	0
3	QPSK	1	8	22.86	22.81	22.90		
3	QPSK	1	16	21.81	21.91	22.02		
3	QPSK	8	0	21.82	21.85	21.92		
3	QPSK	8	4	21.82	21.85	21.92	23	1
3	QPSK	8	7	21.85	21.82	21.87		
3	QPSK	16	0	21.83	21.81	21.87		
3	16QAM	1	0	21.81	22.00	21.94		
3	16QAM	1	8	21.83	22.01	22.20	23	1
3	16QAM	1	16	22.00	22.08	22.22		
3	16QAM	8	0	20.84	20.86	20.97		
3	16QAM	8	4	21.06	20.98	20.95		
3	16QAM	8	7	21.10	20.90	21.08	22	2
3	16QAM	15	0	20.89	20.75	20.92		
3	64QAM	1	0	21.14	20.84	21.15		
3	64QAM	1	8	20.83	21.16	20.89		
3	64QAM	1	16	21.02	21.07	20.95	22	2
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	8	0	20.83	20.85	20.81	21	3
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	8	0	20.83	20.85	20.81		
3	64QAM	15	0	19.84	19.90	19.89	20	3
3	64QAM	15	0	19.84	19.90	19.89		
3	64QAM	15	0	19.84	19.90	19.89		
3	64QAM	15	0	19.84	19.90	19.89		
3	64QAM	15	0	19.84	19.90	19.89		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	22.79	22.80	22.80	24	0
1.4	QPSK	1	3	22.94	22.88	22.84		
1.4	QPSK	1	6	22.82	22.88	22.88		
1.4	QPSK	3	0	22.86	22.86	22.81		
1.4	QPSK	3	3	22.86	22.86	22.81	23	1
1.4	QPSK	3	6	22.86	22.86	22.81		
1.4	QPSK	3	9	22.85	22.83	22.89		
1.4	QPSK	6	0	21.89	21.85	21.85		
1.4	QPSK	6	3	21.82	21.88	21.88	23	1
1.4	QPSK	6	6	21.82	21.88	21.88		
1.4	QPSK	6	9	21.82	21.88	21.88		
1.4	QPSK	6	12	21.82	21.88	21.88		
1.4	16QAM	1	0	22.84	22.81	22.84	24	0
1.4	16QAM	1	3	22.94	22.88	22.84		
1.4	16QAM	1	6	22.82	22.88	22.88		
1.4	16QAM	3	0	22.87	21.99	21.96		
1.4	16QAM	3	3	21.88	22.02	22.06	23	1
1.4	16QAM	3	6	21.88	22.02	22.06		
1.4	16QAM	3	9	21.87	21.91	21.97		
1.4	16QAM	3	12	21.87	21.91	21.97		
1.4	16QAM	6	0	21.17	21.02	21.02	22	2
1.4	16QAM	6	3	20.92	21.12	20.97		
1.4	16QAM	6	6	21.08	20.88	20.94		
1.4	16QAM	6	9	21.11	20.90	21.11		
1.4	64QAM	1	0	20.84	21.13	21.04	21	3
1.4	64QAM	1	3	20.90	20.91	20.89		
1.4	64QAM	1	6	20.89	20.91	20.89		
1.4	64QAM	1	9	20.89	20.91	20.89		

LTE Band 38_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)							Tune-up limit (dBm)	MPR (dB)
3750								
20	QPSK	1	0	22.67	22.76	22.73	24	0
20	QPSK	1	49	22.71	22.80	22.74		
20	QPSK	1	99	22.57	22.61	22.54		
20	QPSK	50	0	21.57	21.60	21.49		
20	QPSK	50	24	21.60	21.65	21.55	23	1
20	QPSK	50	50	21.48	21.63	21.53		
20	QPSK	100	0	21.48	21.63	21.56		
20	16QAM	1	0	21.50	21.60	21.59		
20	16QAM	1	49	21.56	21.69	21.59	23	1
20	16QAM	1	99	21.53	21.57	21.52		
20	16QAM	50	0	20.69	20.70	20.61		
20	16QAM	50	24	20.55	20.67	20.62		
20	16QAM	50	50	20.66	20.69	20.62	22	2
20	16QAM	100	0	20.56	20.67	20.52		
20	64QAM	1	0	20.57	20.66	20.60		
20	64QAM	1	49	20.54	20.59	20.48		
20	64QAM	1	99	20.67	20.74	20.65	22	2
20	64QAM	50	0	19.60	19.70	19.59		
20	64QAM	50	24	19.69	19.80	19.69		
20	64QAM	50	50	19.58	19.71	19.58		
20	64QAM	100	0	19.70	19.73	19.66	21	3
Channel Frequency (MHz)								
3762.5								
15	QPSK	1	0	22.63	22.73	22.71	24	0
15	QPSK	1	37	22.56	22.77	22.61		
15	QPSK	1	74	22.52	22.55	22.48		
15	QPSK	36	0	21.46	21.55	21.34		
15	QPSK	36	20	21.53	21.52	21.54	23	1
15	QPSK	36	39	21.36	21.62	21.42		
15	QPSK	75	0	21.45	21.50	21.47		
15	16QAM	1	0	21.47	21.59	21.57		
15	16QAM	1	37	21.43	21.66	21.56	23	1
15	16QAM	1	74	21.41	21.53	21.42		
15	16QAM	36	0	20.57	20.57	20.51		
15	16QAM	36	20	20.54	20.62	20.54		
15	16QAM	36	39	20.63	20.54	20.51	22	2
15	16QAM	75	0	20.44	20.58	20.39		
15	64QAM	1	0	20.46	20.61	20.51		
15	64QAM	1	37	20.47	20.53	20.47		
15	64QAM	1	74	20.59	20.73	20.51	22	2
15	64QAM	36	0	19.57	19.63	19.49		
15	64QAM	36	20	19.67	19.68	19.63		
15	64QAM	36	39	19.55	19.63	19.43		
15	64QAM	75	0	19.64	19.70	19.63	21	3
Channel Frequency (MHz)								
37600								
10	QPSK	1	0	22.58	22.74	22.69	24	0
10	QPSK	1	25	22.69	22.85	22.66		
10	QPSK	1	49	22.53	22.56	22.43		
10	QPSK	25	0	21.56	21.49	21.49		
10	QPSK	25	12	21.46	21.61	21.45	23	1
10	QPSK	25	25	21.36	21.53	21.43		
10	QPSK	50	0	21.38	21.58	21.41		
10	16QAM	1	0	21.38	21.50	21.49		
10	16QAM	1	25	21.41	21.65	21.53	23	1
10	16QAM	1	49	21.40	21.52	21.51		
10	16QAM	25	0	20.65	20.55	20.47		
10	16QAM	25	12	20.54	20.55	20.56		
10	16QAM	25	25	20.54	20.56	20.61	22	2
10	16QAM	50	0	20.48	20.56	20.48		
10	64QAM	1	0	20.53	20.60	20.48		
10	64QAM	1	25	20.49	20.46	20.35		
10	64QAM	1	49	20.55	20.66	20.63	22	2
10	64QAM	25	0	19.53	19.59	19.47		
10	64QAM	25	12	19.65	19.74	19.57		
10	64QAM	25	25	19.57	19.56	19.56		
10	64QAM	50	0	19.69	19.60	19.61	21	3
Channel Frequency (MHz)								
2572.5								
5	QPSK	1	0	22.53	22.68	22.71	24	0
5	QPSK	1	12	22.86	22.77	22.69		
5	QPSK	1	24	22.49	22.46	22.43		
5	QPSK	12	0	21.56	21.50	21.34		
5	QPSK	12	7	21.58	21.51	21.49	23	1
5	QPSK	12	13	21.46	21.58	21.48		
5	QPSK	25	0	21.42	21.62	21.49		
5	16QAM	1	0	21.44	21.58	21.47		
5	16QAM	1	12	21.41	21.61	21.52	23	1
5	16QAM	1	24	21.42	21.53	21.37		
5	16QAM	12	0	20.60	20.67	20.54		
5	16QAM	12	7	20.48	20.56	20.50		
5	16QAM	12	13	20.52	20.59	20.49	22	2
5	16QAM	25	0	20.45	20.59	20.39		
5	64QAM	1	0	20.47	20.61	20.48		
5	64QAM	1	12	20.52	20.48	20.41		
5	64QAM	1	24	20.57	20.60	20.56	22	2
5	64QAM	12	0	19.57	19.57	19.58		
5	64QAM	12	7	19.66	19.67	19.60		
5	64QAM	12	13	19.50	19.65	19.45		
5	64QAM	25	0	19.68	19.71	19.58	21	3
Channel Frequency (MHz)								
36000								

LTE Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Low Ch / Freq.	Power Middle High Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
40140									
20	QPSK	1	0	22.66	22.78	22.62	22.59	24	0
20	QPSK	1	49	22.95	22.90	22.68	22.65		
20	QPSK	1	99	22.75	22.75	22.60	22.60		
20	QPSK	50	0	21.77	21.69	21.55	21.49		
20	QPSK	50	24	21.85	21.73	21.57	21.50	23	1
20	QPSK	50	50	21.82	21.67	21.51	21.48		
20	QPSK	100	0	21.82	21.74	21.52	21.50		
20	16QAM	1	0	21.76	21.73	21.53	21.45		
20	16QAM	1	49	22.00	21.92	21.82	21.61	23	1
20	16QAM	1	99	21.83	21.65	21.64	21.59		
20	16QAM	50	0	20.75	20.71	20.53	20.48		
20	16QAM	50	24	20.90	20.70	20.59	20.45		
20	16QAM	50	50	20.81	20.71	20.52	20.46	22	2
20	16QAM	100	0	20.82	20.75	20.52	20.44		
20	64QAM	1	0	20.78	20.65	20.59	20.48		
20	64QAM	1	49	20.86	20.72	20.56	20.50		
20	64QAM	1	99	20.66	20.64	20.50	20.45	22	2
20	64QAM	50	0	19.73	19.69	19.48	19.40		
20	64QAM	50	24	19.75	19.75	19.57	19.45		
20	64QAM	50	50	19.80	19.71	19.52	19.46		
20	64QAM	100	0	19.79	19.77	19.48	19.42	21	3
Channel Frequency (MHz)									
40115									
15	QPSK	1	0	22.61	22.71	22.61	22.57	24	0
15	QPSK	1	37	22.90	22.86	22.68	22.53		
15	QPSK	1	74	22.63	22.64	22.58	22.51		
15	QPSK	36	0	21.66	21.65	21.44	21.38		
15	QPSK	36	20	21.77	21.60	21.53	21.41	23	1
15	QPSK	36	39	21.74	21.64	21.44	21.45		
15	QPSK	75	0	21.69	21.62	21.44	21.41		
15	16QAM	1	0	21.70	21.64	21.38	21.42		
15	16QAM	1	37	21.69	21.91	21.76	21.57	23	1
15	16QAM	1	74	21.75	21.55	21.60	21.56		
15	16QAM	36	0	20.62	20.61	20.39	20.35		
15	16QAM	36	20	20.79	20.65	20.45	20.34		
15	16QAM	36	39	20.67	20.65	20.45	20.31	22	2
15	16QAM	75	0	20.67	20.74	20.47	20.35		
15	64QAM	1	0	20.64	20.64	20.54	20.38		
15	64QAM	1	37	20.73	20.63	20.53	20.44	22	2
15	64QAM	1	74	20.64	20.57	20.38	20.37		
15	64QAM	36	0	19.65	19.65	19.36	19.31		
15	64QAM	36	20	19.72	19.64	19.44	19.35		
15	64QAM	36	39	19.68	19.70	19.47	19.45	21	3
15	64QAM	75	0	19.68	19.67	19.35	19.37		
Channel Frequency (MHz)									
40090									
10	QPSK	1	0	22.62	22.67	22.60	22.50	24	0
10	QPSK	1	25	22.86	22.86	22.67	22.51		
10	QPSK	1	49	22.71	22.65	22.46	22.54		
10	QPSK	25	0	21.63	21.59	21.48	21.45		
10	QPSK	25	12	21.82	21.64	21.47	21.45	23	1
10	QPSK	25	25	21.68	21.57	21.44	21.42		
10	QPSK	50	0	21.76	21.68	21.44	21.39		
10	16QAM	1	0	21.70	21.71	21.44	21.35		
10	16QAM	1	25	21.85	21.76	21.81	21.53	23	1
10	16QAM	1	49	21.77	21.64	21.52	21.49		
10	16QAM	25	0	20.66	20.65	20.46	20.42		
10	16QAM	25	12	20.87	20.58	20.58	20.41		
10	16QAM	25	25	20.72	20.58	20.45	20.44	22	2
10	16QAM	50	0	20.71	20.66	20.45	20.34		
10	64QAM	1	0	20.70	20.55	20.49	20.43		
10	64QAM	1	25	20.77	20.67	20.57	20.37		
10	64QAM	1	49	20.62	20.60	20.37	20.30	22	2
10	64QAM	25	0	19.60	19.58	19.38	19.38		
10	64QAM	25	12	19.69	19.64	19.44	19.30		
10	64QAM	25	25	19.79	19.60	19.42	19.44		
10	64QAM	50	0	19.77	19.68	19.37	19.29	21	3
Channel Frequency (MHz)									
40065									
5	QPSK	1	0	22.65	22.65	22.59	22.47	24	0
5	QPSK	1	12	22.63	22.83	22.56	22.53		
5	QPSK	24	0	22.71	22.70	22.56	22.48		
5	QPSK	12	0	21.70	21.54	21.45	21.48		
5	QPSK	12	7	21.76	21.71	21.45	21.42	23	1
5	QPSK	12	14	21.81	21.54	21.38	21.35		
5	QPSK	12	21	21.68	21.62	21.45	21.48		
5	16QAM	1	0	21.61	21.64	21.47	21.40		
5	16QAM	1	12	21.86	21.84	21.76	21.49	23	1
5	16QAM	1	24	21.76	21.51	21.54	21.52		
5	16QAM	12	0	20.69	20.60	20.46	20.46		
5	16QAM	12	7	20.77	20.67	20.58	20.34		
5	16QAM	12	14	20.78	20.56	20.37	20.31	22	2
5	16QAM	25	0	20.74	20.71	20.51	20.35		
5	64QAM	1	0	20.75	20.51	20.48	20.44		
5	64QAM	1	12	20.72	20.63	20.41	20.39		
5	64QAM	1	24	20.64	20.50	20.40	20.32	22	2
5	64QAM	12	0	19.67	19.59	19.34	19.34		
5	64QAM	12	7	19.62	19.67	19.50	19.37		
5	64QAM	12	14	19.69	19.56	19.40	19.45		
5	64QAM	25	0	19.73	19.71	19.37	19.37	21	3
Channel Frequency (MHz)									
40035									



Reduced Power for DS12

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	169	251		128	169	251	
GSM850_Ant 0	824.2	836.4	848.5	(dBm)	824.2	836.4	848.5	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	32.09	32.13	32.11	33.50	23.09	23.13	23.11	24.50
GPRS 1 Tx slot	32.11	32.15	32.12	33.50	23.11	23.15	23.12	24.50
GPRS 2 Tx slots	30.13	30.16	30.16	31.50	24.13	24.16	24.16	25.50
GPRS 3 Tx slots	28.10	28.11	28.10	29.50	23.84	23.85	23.84	25.24
GPRS 4 Tx slots	26.22	26.24	26.25	27.50	23.22	23.24	23.25	24.50
EDGE 1 Tx slot	26.14	26.22	26.19	27.50	17.14	17.22	17.19	18.50
EDGE 2 Tx slots	25.01	24.91	24.77	25.50	19.01	18.91	18.77	19.50
EDGE 3 Tx slots	22.94	23.01	22.84	23.50	18.68	18.75	18.58	19.24
EDGE 4 Tx slots	20.57	20.51	20.43	21.00	17.57	17.51	17.43	18.00

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
GSM1900_Ant 0	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	29.88	29.81	29.60	30.50	20.88	20.81	20.60	21.50
GPRS 1 Tx slot	29.87	29.80	29.60	30.50	20.87	20.80	20.60	21.50
GPRS 2 Tx slots	27.85	27.87	27.70	28.50	21.85	21.87	21.70	22.50
GPRS 3 Tx slots	25.77	25.79	25.73	26.50	21.51	21.53	21.47	22.24
GPRS 4 Tx slots	23.73	23.79	23.78	24.50	20.73	20.79	20.78	21.50
EDGE 1 Tx slot	26.01	25.87	25.84	26.50	17.01	16.87	16.84	17.50
EDGE 2 Tx slots	24.31	24.30	24.21	24.50	18.31	18.30	18.21	18.50
EDGE 3 Tx slots	22.29	22.27	22.12	22.50	18.03	18.01	17.86	18.24
EDGE 4 Tx slots	20.26	20.10	20.14	20.50	17.26	17.10	17.14	17.50

	WCDMA II_Ant 0			Tune-up Limit	WCDMA V_Ant 0			Tune-up Limit
	9262	9400	9538		4132	4182	4233	
TX Channel	9662	9800	9938	(dBm)	4357	4407	4456	(dBm)
Rx Channel								
Frequency (MHz)	1522.4	1530	1507.6	(dBm)	529.4	536.4	543.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	23.20	23.19	24.00	22.70	22.92	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.25	23.21	24.00	22.92	22.94	22.92
3GPP Rel 6	HSDPA Subtest-1	22.31	22.23	22.21	23.00	21.94	21.93	21.91
3GPP Rel 6	HSDPA Subtest-2	22.21	22.16	22.12	23.00	21.91	21.84	21.89
3GPP Rel 6	HSDPA Subtest-3	21.67	21.65	21.59	22.50	21.35	21.40	21.34
3GPP Rel 6	HSDPA Subtest-4	21.63	21.64	21.57	22.50	21.42	21.37	21.35
3GPP Rel 8	DC-HSDPA Subtest-1	22.28	22.17	22.16	23.00	21.90	21.86	21.87
3GPP Rel 8	DC-HSDPA Subtest-2	22.19	22.15	22.11	23.00	21.87	21.77	21.85
3GPP Rel 8	DC-HSDPA Subtest-3	21.56	21.53	21.49	22.50	21.33	21.34	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	21.53	21.55	21.47	22.50	21.36	21.37	21.32
3GPP Rel 6	HSUPA Subtest-1	20.84	20.84	20.80	21.50	20.46	20.49	20.50
3GPP Rel 6	HSUPA Subtest-2	20.84	20.83	20.77	21.50	20.55	20.52	20.43
3GPP Rel 6	HSUPA Subtest-3	21.79	21.84	21.75	22.50	21.45	21.45	21.43
3GPP Rel 6	HSUPA Subtest-4	20.26	20.25	20.34	21.00	20.02	20.04	19.94
3GPP Rel 6	HSUPA Subtest-5	21.70	21.70	21.60	22.50	21.40	21.40	21.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.06	20.09	21.50	19.77	19.82	19.81

Band 2_Ant 0

BW (kHz)	Modulation	RB Size	RB Offset	Power Level Ch / Freq 16000	Power Level Ch / Freq 16000	Power Level Ch / Freq 16000	Tune-up limit (dBm)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.74	22.82	22.84	24	0		
20	QPSK	1	49	22.81	22.98	22.96				
20	QPSK	1	99	22.85	22.83	22.70				
20	QPSK	50	0	21.89	21.91	21.74				
20	QPSK	1	24	21.82	21.96	21.81	23	1		
20	QPSK	60	50	21.76	21.84	21.80				
20	QPSK	60	0	21.82	21.86	21.77				
20	QPSK	60	24	21.82	21.96	21.81				
20	16QAM	1	0	21.86	21.87	21.78	23	1		
20	16QAM	1	49	22.82	22.91	22.96				
20	16QAM	1	99	21.86	22.03	21.83				
20	16QAM	50	0	20.89	20.91	20.81				
20	16QAM	60	24	20.88	20.88	20.84	22	2		
20	16QAM	60	50	20.85	20.91	20.82				
20	16QAM	60	0	20.87	20.91	20.76				
20	16QAM	60	24	20.87	20.91	20.76				
20	64QAM	1	0	20.81	20.87	20.78	22	2		
20	64QAM	1	49	21.73	21.73	21.07				
20	64QAM	1	99	21.03	20.86	20.65				
20	64QAM	50	0	20.05	19.95	19.90				
20	64QAM	50	24	20.01	19.96	19.95	21	3		
20	64QAM	50	50	19.92	19.93	19.95				
20	64QAM	50	0	19.92	19.94	19.88				
20	64QAM	100	0	19.90	19.94	19.88				
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.875	19.800	19.825	24	0		
15	QPSK	1	37	22.92	22.81	22.71				
15	QPSK	1	74	22.66	22.74	22.71				
15	QPSK	36	0	21.86	21.70	21.82				
15	QPSK	36	20	22.03	21.87	21.89	23	1		
15	QPSK	36	56	22.03	21.87	21.89				
15	QPSK	75	0	21.84	21.91	21.81				
15	QPSK	75	20	22.00	22.10	22.19				
15	16QAM	1	0	22.09	22.23	22.19	23	1		
15	16QAM	1	74	21.85	21.84	22.16				
15	16QAM	36	0	20.84	20.82	20.89				
15	16QAM	36	20	20.83	20.83	20.86				
15	16QAM	36	56	20.81	20.77	20.85	22	2		
15	16QAM	75	0	20.83	20.81	20.81				
15	64QAM	1	0	20.81	21.07	21.01				
15	64QAM	1	37	21.07	21.11	21.05				
15	64QAM	1	74	20.76	20.86	21.08	22	2		
15	64QAM	36	0	20.82	20.84	20.88				
15	64QAM	36	20	20.04	19.95	19.89				
15	64QAM	75	0	19.89	19.89	19.89				
15	64QAM	75	20	19.91	19.95	19.90	21	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.81	22.81	22.83			24	0
10	QPSK	1	25	22.85	22.81	22.67				
10	QPSK	1	49	22.81	21.74	22.68				
10	QPSK	25	12	21.91	21.79	21.80				
10	QPSK	25	12	21.93	21.87	21.88	23	1		
10	QPSK	50	0	22.00	21.90	21.91				
10	QPSK	50	24	21.93	22.04	21.92				
10	16QAM	1	25	22.14	22.39	22.33				
10	16QAM	1	49	22.14	22.39	22.33	23	1		
10	16QAM	25	0	20.91	20.95	20.90				
10	16QAM	25	12	21.04	21.00	20.81				
10	16QAM	50	0	20.89	20.89	20.83				
10	16QAM	50	25	20.89	20.89	20.83	22	2		
10	16QAM	50	0	21.14	21.20	21.06				
10	64QAM	1	0	21.14	21.26	21.13				
10	64QAM	1	49	20.89	21.05	21.13				
10	64QAM	25	0	19.89	19.83	19.86	21	3		
10	64QAM	25	12	19.89	19.84	19.86				
10	64QAM	25	25	19.83	19.84	19.83				
10	64QAM	50	0	19.85	19.84	19.85				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.80	22.81	22.72	24	0		
5	QPSK	1	12	22.80	22.81	22.83				
5	QPSK	1	24	22.80	22.81	22.83				
5	QPSK	12	0	21.90	21.83	21.91				
5	QPSK	12	7	22.06	21.86	21.90	23	1		
5	QPSK	12	13	22.06	21.83	21.89				
5	QPSK	25	0	21.82	21.85	21.86				
5	16QAM	1	0	21.83	21.89	21.83				
5	16QAM	1	12	22.17	22.03	22.33	23	1		
5	16QAM	1	24	22.09	22.09	22.17				
5	16QAM	12	0	20.89	20.95	20.81				
5	16QAM	12	7	21.01	20.89	21.09				
5	16QAM	12	13	20.89	20.95	20.79	22	2		
5	16QAM	25	0	20.89	20.89	20.85				
5	16QAM	1	0	21.08	21.11	21.07				
5	64QAM	1	12	21.09	21.22	21.33				
5	64QAM	1	24	21.17	21.08	21.00	22	2		
5	64QAM	12	0	20.07	19.86	20.00				
5	64QAM	12	13	20.18	20.01	20.04				
5	64QAM	12	19	19.81	19.85	19.82				
5	64QAM	25	0	19.85	19.83	19.81	21	3		
5	64QAM	25	0	19.85	19.83	19.81				
5	64QAM	25	0	19.85	19.83	19.81				
5	64QAM	25	0	19.85	19.83	19.81				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.84	22.80	22.83	24	0		
3	QPSK	1	8	22.86	22.81	22.80				
3	QPSK	1	14	22.81	22.81	22.82				
3	QPSK	8	0	21.82	21.85	21.82				
3	QPSK	8	0	21.82	21.85	21.82	23	1		
3	QPSK	8	7	21.89	21.82	21.87				
3	QPSK	15	0	21.89	21.81	21.87				
3	16QAM	1	0	21.83	22.01	22.20				
3	16QAM	1	14	22.00	22.08	22.22	23	1		
3	16QAM	8	0	20.84	20.86	20.97				
3	16QAM	8	4	21.06	20.98	20.90				
3	16QAM	8	7	21.10	20.90	21.08				
3	16QAM	15	0	20.89	20.75	20.92	22	2		
3	64QAM	1	0	21.14	20.84	21.15				
3	64QAM	1	8	20.83	21.16	20.89				
3	64QAM	1	14	21.02	21.07	20.95				
3	64QAM	8	0	20.03	20.05	20.01	22	2		
3	64QAM	8	4	20.05	20.09	19.86				
3	64QAM	8	7	20.07	20.00	19.99				
3	64QAM	15	0	19.84	19.86	19.81				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.79	22.80	22.80	24	0		
1.4	QPSK	1	5	22.84	22.80	22.84				
1.4	QPSK	1	5	22.82	22.80	22.76				
1.4	QPSK	3	0	22.86	22.82	22.91				
1.4	QPSK	3	1	22.85	22.85	22.84	23	1		
1.4	QPSK	3	3	22.85	22.83	22.89				
1.4	QPSK	6	0	21.89	21.80	21.85				
1.4	16QAM	1	0	22.03	22.08	22.00				
1.4	16QAM	1	5	22.04	22.31	22.30	23	1		
1.4	16QAM	1	5	22.04	22.15	22.04				
1.4	16QAM	3	0	21.87	21.89	21.85				
1.4	16QAM	3	1	21.88	22.00	21.89				
1.4	16QAM	8	0	22.05	21.91	21.97	22	2		
1.4	16QAM	8	1	21.17	20.92	20.98				
1.4	64QAM	1	0	20.82	21.12	20.97				
1.4	64QAM	1	5	21.09						

LTE Band 38_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)							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	0	22.67	22.76	22.73	24	0
20	QPSK	1	49	22.71	22.80	22.74		
20	QPSK	1	99	22.57	22.61	22.54		
20	QPSK	60	0	21.57	21.60	21.49		
20	QPSK	60	24	21.60	21.65	21.55	23	1
20	QPSK	50	0	21.48	21.63	21.53		
20	QPSK	100	0	21.48	21.63	21.56		
20	16QAM	1	0	21.50	21.60	21.59		
20	16QAM	1	49	21.56	21.69	21.59	23	1
20	16QAM	1	99	21.53	21.57	21.52		
20	16QAM	60	0	20.69	20.70	20.61		
20	16QAM	50	24	20.55	20.67	20.62		
20	16QAM	50	50	20.66	20.69	20.62	22	2
20	16QAM	100	0	20.56	20.67	20.52		
20	64QAM	1	0	20.57	20.66	20.60		
20	64QAM	1	49	20.54	20.59	20.48		
20	64QAM	1	99	20.67	20.74	20.65	22	2
20	64QAM	60	0	19.60	19.70	19.59		
20	64QAM	50	24	19.69	19.80	19.69		
20	64QAM	50	50	19.58	19.71	19.58		
20	64QAM	100	0	19.70	19.73	19.66	21	3
Channel Frequency (MHz)								
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.63	22.73	22.71	24	0
15	QPSK	1	37	22.56	22.77	22.61		
15	QPSK	1	74	22.52	22.55	22.48		
15	QPSK	36	0	21.46	21.55	21.36		
15	QPSK	36	20	21.53	21.52	21.54	23	1
15	QPSK	36	39	21.36	21.62	21.42		
15	QPSK	75	0	21.45	21.50	21.47		
15	16QAM	1	0	21.47	21.59	21.57		
15	16QAM	1	37	21.43	21.66	21.56	23	1
15	16QAM	1	74	21.41	21.53	21.42		
15	16QAM	36	0	20.57	20.57	20.51		
15	16QAM	36	20	20.54	20.62	20.54		
15	16QAM	36	39	20.63	20.54	20.51	22	2
15	16QAM	75	0	20.44	20.58	20.39		
15	64QAM	1	0	20.46	20.61	20.51		
15	64QAM	1	37	20.47	20.53	20.47		
15	64QAM	1	74	20.59	20.73	20.51	22	2
15	64QAM	36	0	19.57	19.63	19.49		
15	64QAM	36	20	19.67	19.68	19.63		
15	64QAM	36	39	19.55	19.63	19.43		
15	64QAM	75	0	19.64	19.70	19.63	21	3
Channel Frequency (MHz)								
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.58	22.74	22.69	24	0
10	QPSK	1	25	22.69	22.85	22.66		
10	QPSK	1	49	22.53	22.56	22.43		
10	QPSK	25	0	21.56	21.49	21.49		
10	QPSK	25	12	21.46	21.61	21.45	23	1
10	QPSK	25	25	21.36	21.53	21.43		
10	QPSK	50	0	21.38	21.58	21.41		
10	16QAM	1	0	21.36	21.50	21.49		
10	16QAM	1	25	21.41	21.65	21.53	23	1
10	16QAM	1	49	21.40	21.52	21.51		
10	16QAM	25	0	20.65	20.55	20.47		
10	16QAM	25	12	20.54	20.55	20.56		
10	16QAM	25	25	20.54	20.56	20.61	22	2
10	16QAM	50	0	20.48	20.56	20.48		
10	64QAM	1	0	20.53	20.60	20.48		
10	64QAM	1	25	20.49	20.46	20.35		
10	64QAM	1	49	20.55	20.66	20.63	22	2
10	64QAM	25	0	19.53	19.59	19.47		
10	64QAM	25	12	19.65	19.74	19.57		
10	64QAM	25	25	19.57	19.56	19.56		
10	64QAM	50	0	19.69	19.60	19.61	21	3
Channel Frequency (MHz)								
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.53	22.68	22.71	24	0
5	QPSK	1	12	22.86	22.77	22.69		
5	QPSK	1	24	22.49	22.46	22.43		
5	QPSK	12	0	21.56	21.50	21.34		
5	QPSK	12	7	21.58	21.51	21.40	23	1
5	QPSK	12	13	21.46	21.58	21.48		
5	QPSK	25	0	21.42	21.62	21.49		
5	16QAM	1	0	21.44	21.58	21.47		
5	16QAM	1	12	21.41	21.61	21.52	23	1
5	16QAM	1	24	21.42	21.53	21.37		
5	16QAM	12	0	20.60	20.67	20.54		
5	16QAM	12	7	20.48	20.56	20.50		
5	16QAM	12	13	20.52	20.59	20.49	22	2
5	16QAM	25	0	20.45	20.59	20.39		
5	64QAM	1	0	20.47	20.61	20.48		
5	64QAM	1	12	20.52	20.49	20.41		
5	64QAM	1	24	20.57	20.60	20.56	22	2
5	64QAM	12	0	19.57	19.57	19.58		
5	64QAM	12	7	19.66	19.67	19.60		
5	64QAM	12	13	19.50	19.65	19.45		
5	64QAM	25	0	19.68	19.71	19.58	21	3
Channel Frequency (MHz)								
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)

LTE Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Low Ch / Freq.	Power Middle High Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)									
20	QPSK	1	0	22.66	22.78	22.62	22.59	24	0
20	QPSK	1	49	22.95	22.90	22.68	22.65		
20	QPSK	1	99	22.75	22.75	22.60	22.60		
20	QPSK	50	0	21.77	21.69	21.55	21.49		
20	QPSK	50	24	21.85	21.73	21.57	21.50	23	1
20	QPSK	50	0	21.82	21.67	21.51	21.48		
20	QPSK	100	0	21.82	21.74	21.52	21.50		
20	16QAM	1	0	21.76	21.73	21.53	21.45		
20	16QAM	1	49	22.00	21.92	21.82	21.61	23	1
20	16QAM	1	99	21.83	21.65	21.64	21.59		
20	16QAM	50	0	20.75	20.71	20.53	20.48		
20	16QAM	50	24	20.90	20.70	20.59	20.45		
20	16QAM	50	50	20.81	20.71	20.52	20.46	22	2
20	16QAM	100	0	20.82	20.75	20.52	20.44		
20	64QAM	1	0	20.78	20.65	20.59	20.48		
20	64QAM	1	49	20.86	20.72	20.56	20.50		
20	64QAM	1	99	20.66	20.64	20.50	20.45	22	2
20	64QAM	50	0	19.73	19.69	19.48	19.40		
20	64QAM	50	24	19.75	19.75	19.57	19.45		
20	64QAM	50	50	19.80	19.71	19.52	19.46		
20	64QAM	100	0	19.79	19.77	19.48	19.42	21	3
Channel Frequency (MHz)									
Frequency (MHz)				4015	4095	4095	4165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				22.61	22.71	22.61	22.57	24	0
15	QPSK	1	0	22.61	22.71	22.59	22.57	24	0
15	QPSK	1	37	22.89	22.86	22.68	22.53		
15	QPSK	1	74	22.63	22.64	22.58	22.51		
15	QPSK	36	0	21.66	21.65	21.44	21.38		
15	QPSK	36	20	21.77	21.60	21.53	21.41	23	1
15	QPSK	36	39	21.74	21.64	21.44	21.45		
15	QPSK	75	0	21.69	21.62	21.44	21.41		
15	16QAM	1	0	21.70	21.64	21.38	21.42		
15	16QAM	1	37	21.69	21.91	21.76	21.57	23	1
15	16QAM	1	74	21.75	21.55	21.60	21.56		
15	16QAM	36	0	20.62	20.61	20.39	20.35		
15	16QAM	36	20	20.79	20.65	20.45	20.34		
15	16QAM	36	39	20.67	20.65	20.45	20.31	22	2
15	16QAM	75	0	20.67	20.74	20.47	20.35		
15	64QAM	1	0	20.64	20.64	20.54	20.38		
15	64QAM	1	37	20.73	20.63	20.53	20.44	22	2
15	64QAM	1	74	20.64	20.57	20.38	20.37		
15	64QAM	36	0	19.65	19.65	19.36	19.31		
15	64QAM	36	20	19.72	19.64	19.44	19.35		
15	64QAM	36	39	19.68	19.70	19.47	19.45	21	3
15	64QAM	75	0	19.68	19.67	19.35	19.37		
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2670	2600	2650	24	0
10	QPSK	1	0	22.62	22.67	22.61	22.53	24	0
10	QPSK	1	25	22.86	22.86	22.67	22.51		
10	QPSK	1	49	22.63	22.65	22.46	22.54		
10	QPSK	25	0	21.63	21.59	21.48	21.45		
10	QPSK	25	0	21.62	21.64	21.47	21.45	23	1
10	QPSK	25	25	21.68	21.57	21.44	21.42		
10	QPSK	50	0	21.76	21.68	21.44	21.39		
10	16QAM	1	0	21.70	21.71	21.44	21.35		
10	16QAM	1	25	21.85	21.78	21.81	21.53	23	1
10	16QAM	1	49	21.77	21.64	21.52	21.49		
10	16QAM	25	0	20.66	20.65	20.46	20.42		
10	16QAM	25	12	20.67	20.58	20.58	20.41		
10	16QAM	25	25	20.72	20.58	20.45	20.44	22	2
10	16QAM	50	0	20.71	20.66	20.45	20.34		
10	64QAM	1	0	20.70	20.55	20.49	20.43		
10	64QAM	1	25	20.77	20.67	20.53	20.37		
10	64QAM	1	49	20.62	20.60	20.37	20.30	22	2
10	64QAM	25	0	19.60	19.58	19.38	19.38		
10	64QAM	25	12	19.60	19.64	19.44	19.30		
10	64QAM	25	25	19.79	19.60	19.42	19.44		
10	64QAM	50	0	19.77	19.68	19.37	19.29	21	3
Channel Frequency (MHz)									
Frequency (MHz)				4005	4095	4095	4165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2037.5	2569.5	2601.5	2652.5	24	0
5	QPSK	1	0	22.65	22.65	22.59	22.47	24	0
5	QPSK	1	12	22.63	22.83	22.56	22.53		
5	QPSK	1	24	22.71	22.70	22.56	22.58		
5	QPSK	12	0	21.70	21.54	21.45	21.48		
5	QPSK	12	7	21.76	21.71	21.45	21.47	23	1
5	QPSK	12	12	21.81	21.54	21.38	21.35		
5	QPSK	25	0	21.68	21.62	21.45	21.48		
5	16QAM	1	0	21.61	21.64	21.47	21.40		
5	16QAM	1	12	21.85	21.84	21.76	21.49	23	1
5	16QAM	1	24	21.78	21.51	21.54	21.52		
5	16QAM	12	0	20.69	20.60	20.46	20.46		
5	16QAM	12	7	20.77	20.67	20.58	20.34		
5	16QAM	12	12	20.78	20.56	20.37	20.31	22	2
5	16QAM	25	0	20.74	20.71	20.51	20.35		
5	64QAM	1	0	20.75	20.51	20.48	20.44		
5	64QAM	1	12	20.72	20.63	20.41	20.39		
5	64QAM	1	24	20.64	20.50	20.40	20.32	22	2
5	64QAM	12	0	19.67	19.59	19.34	19.34		
5	64QAM	12	7	19.62	19.67	19.50	19.37		
5	64QAM	12	12	19.59	19.56	19.40	19.45		
5	64QAM	25	0	19.73	19.71	19.37	19.37	21	3



Reduced Power for DS13

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	169	251		128	169	251	
GSM850_Ant 0	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	29.64	29.65	29.60	31.00	20.64	20.65	20.60	22.00
GPRS 1 Tx slot	29.63	29.60	29.55	31.00	20.63	20.60	20.55	22.00
GPRS 2 Tx slots	27.43	27.60	27.57	29.00	21.53	21.60	21.57	23.00
GPRS 3 Tx slots	25.42	25.50	25.46	27.00	21.16	21.24	21.20	22.74
GPRS 4 Tx slots	23.64	23.70	23.67	25.00	20.64	20.70	20.67	22.00
EDGE 1 Tx slot	23.64	23.72	23.69	25.00	14.64	14.72	14.69	16.00
EDGE 2 Tx slots	22.51	22.41	22.27	23.00	16.51	16.41	16.27	17.00
EDGE 3 Tx slots	20.44	20.51	20.34	21.00	16.18	16.25	16.08	16.74
EDGE 4 Tx slots	18.07	18.01	17.93	18.50	15.07	15.01	14.93	15.50

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
GSM1900_Ant 0	1850.2	1860	1909.8	(dBm)	1850.2	1860	1909.8	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	20.87	20.68	20.55	21.50	11.87	11.68	11.55	12.50
GPRS 1 Tx slot	20.86	20.66	20.54	21.50	11.86	11.66	11.54	12.50
GPRS 2 Tx slots	18.73	18.85	18.70	19.50	12.73	12.85	12.70	13.50
GPRS 3 Tx slots	16.72	16.77	16.66	17.50	12.46	12.51	12.40	13.24
GPRS 4 Tx slots	15.20	15.25	15.22	15.50	12.20	12.25	12.22	12.50
EDGE 1 Tx slot	17.03	16.86	16.79	17.50	8.03	7.96	7.79	8.50
EDGE 2 Tx slots	15.18	15.15	15.17	15.50	9.18	9.15	9.17	9.50
EDGE 3 Tx slots	13.24	13.23	13.05	13.50	8.98	8.97	8.79	9.24
EDGE 4 Tx slots	11.21	10.94	10.99	11.50	8.21	7.94	7.99	8.50

Band	WCDMA II_Ant 0			Tune-up Limit	WCDMA V_Ant 0			Tune-up Limit
	9262	9400	9538		4132	4182	4233	
TX Channel	9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Rx Channel								
Frequency (MHz)	1652.4	1680	1607.6		355.4	356.4	345.6	
3GPP Rel 99	AMR 12.2Kbps	16.19	16.17	16.12	17.00	21.20	21.28	21.20
3GPP Rel 99	RMC 12.2Kbps	16.20	16.22	16.15	17.00	21.22	21.34	21.33
3GPP Rel 6	HSDPA Subtest-1	15.08	15.11	15.06	16.00	20.43	20.47	20.45
3GPP Rel 6	HSDPA Subtest-2	14.91	15.03	14.90	16.00	20.36	20.32	20.47
3GPP Rel 6	HSDPA Subtest-3	14.46	14.48	14.39	15.50	19.92	19.98	19.93
3GPP Rel 6	HSDPA Subtest-4	14.48	14.45	14.35	15.50	19.93	19.84	19.90
3GPP Rel 8	DC-HSDPA Subtest-1	15.13	14.97	14.97	16.00	20.46	20.38	20.37
3GPP Rel 8	DC-HSDPA Subtest-2	15.05	14.92	15.00	16.00	20.40	20.34	20.35
3GPP Rel 8	DC-HSDPA Subtest-3	14.31	14.40	14.37	15.50	19.90	19.93	19.89
3GPP Rel 8	DC-HSDPA Subtest-4	14.32	14.37	14.43	15.50	19.89	19.84	19.78
3GPP Rel 6	HSUPA Subtest-1	13.70	13.57	13.71	14.50	18.97	18.98	19.00
3GPP Rel 6	HSUPA Subtest-2	13.70	13.68	13.48	14.50	19.00	19.04	19.01
3GPP Rel 6	HSUPA Subtest-3	14.62	14.75	14.55	15.50	20.04	20.04	19.93
3GPP Rel 6	HSUPA Subtest-4	13.18	13.03	13.17	14.00	18.56	18.55	18.51
3GPP Rel 6	HSUPA Subtest-5	14.60	14.42	14.37	15.50	19.97	19.90	19.93
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.95	12.99	12.99	14.50	18.27	18.30	18.32

Band 2_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power L1 Ch / Freq	Power L2 Ch / Freq	Power L3 Ch / Freq	Tune-up limit (dBm)	MFR (dB)
Channel Frequency (MHz)								
20	QPSK	1	0	15.68	15.77	15.76	17	0
20	QPSK	1	49	15.68	15.78	15.88		
20	QPSK	1	99	15.69	15.75	15.78		
20	QPSK	60	24	14.89	14.97	14.92	16	1
20	QPSK	60	50	14.84	14.81	14.72		
20	QPSK	60	100	15.75	15.83	15.74		
20	16QAM	1	0	15.13	14.69	15.03	16	1
20	16QAM	1	49	17.23	12.17	15.20		
20	16QAM	1	99	14.89	14.84	14.96		
20	16QAM	60	0	13.83	13.36	13.79	15	2
20	16QAM	60	24	13.81	13.82	13.91		
20	16QAM	60	50	13.81	13.92	13.74		
20	64QAM	1	0	14.02	13.88	13.92	15	2
20	64QAM	1	49	14.73	14.81	14.84		
20	64QAM	1	99	13.71	13.77	13.73		
20	64QAM	60	0	12.85	12.83	12.77	14	3
20	64QAM	60	24	12.86	12.84	12.77		
20	64QAM	60	50	12.77	12.79	12.70		
20	64QAM	100	0	12.79	12.82	12.75	Tune-up limit (dBm)	
Channel Frequency (MHz)								
15	QPSK	1	0	15.77	15.68	15.67	17	0
15	QPSK	1	37	15.85	15.84	15.72		
15	QPSK	1	74	15.69	15.67	15.70		
15	QPSK	36	0	14.81	14.77	14.84	16	1
15	QPSK	36	20	14.84	14.91	14.88		
15	QPSK	36	36	14.85	14.86	14.86		
15	QPSK	75	0	14.77	14.81	14.70	16	1
15	16QAM	1	37	14.96	14.97	14.93		
15	16QAM	1	74	14.83	14.80	14.84		
15	16QAM	36	0	13.85	13.80	13.84	15	2
15	16QAM	36	20	13.78	13.87	13.81		
15	16QAM	36	36	13.78	13.87	13.83		
15	16QAM	75	0	13.73	13.89	13.87	15	2
15	16QAM	75	0	13.73	13.89	13.87		
15	64QAM	1	37	14.05	13.99	13.89		
15	64QAM	1	74	13.86	13.72	13.71	14	3
15	64QAM	36	0	12.77	12.82	12.71		
15	64QAM	36	20	12.76	12.76	12.70		
15	64QAM	36	36	12.77	12.79	12.70	Tune-up limit (dBm)	
15	64QAM	75	0	12.65	12.88	12.68	15	2
15	QPSK	1	0	15.82	15.73	15.73		
15	QPSK	1	25	15.78	15.91	15.79		
15	QPSK	1	49	15.63	15.72	15.76	16	1
15	QPSK	60	0	14.81	14.80	14.89		
15	QPSK	60	25	14.87	14.85	14.77		
15	QPSK	60	0	14.87	14.79	14.69	16	1
15	QPSK	60	0	14.87	14.79	14.69		
15	16QAM	1	25	15.14	15.05	15.12		
15	16QAM	25	0	13.79	13.84	13.77	15	2
15	16QAM	25	12	13.80	13.78	13.89		
15	16QAM	25	13	13.87	13.79	13.89		
15	16QAM	50	0	13.78	13.89	13.59	15	2
15	64QAM	1	0	13.87	13.84	13.79		
15	64QAM	1	25	13.89	13.87	14.00		
15	64QAM	1	49	13.89	13.89	13.89	14	3
15	64QAM	25	0	12.77	12.80	12.70		
15	64QAM	25	12	12.73	12.76	12.69		
15	64QAM	25	13	12.85	12.70	12.70	Tune-up limit (dBm)	
15	64QAM	50	0	12.72	12.72	12.63	15	2
15	QPSK	1	0	15.82	15.73	15.73		
15	QPSK	1	12	15.85	15.79	15.74		
15	QPSK	12	0	14.80	14.86	14.80	16	1
15	QPSK	12	7	14.81	14.86	14.75		
15	QPSK	12	13	14.78	14.72	14.69		
15	QPSK	25	0	14.68	14.81	14.59	16	1
15	16QAM	1	0	14.80	14.88	14.84		
15	16QAM	1	12	15.10	15.13	15.23		
15	16QAM	1	24	14.82	14.89	14.81	15	2
15	16QAM	12	0	13.74	13.82	13.73		
15	16QAM	12	7	13.87	13.81	13.66		
15	16QAM	25	0	13.69	13.88	13.66	15	2
15	16QAM	25	0	13.69	13.85	13.84		
15	64QAM	1	12	14.07	13.97	13.86		
15	64QAM	1	24	13.83	13.76	13.82	14	3
15	64QAM	12	0	12.73	12.84	12.72		
15	64QAM	12	7	12.82	12.76	12.67		
15	64QAM	12	13	12.67	12.70	12.69	Tune-up limit (dBm)	
15	64QAM	25	0	12.74	12.68	12.61	15	2
15	QPSK	1	0	15.70	15.68	15.70		
15	QPSK	1	5	15.82	15.83	15.68		
15	QPSK	3	0	15.73	15.73	15.69	17	0
15	QPSK	3	1	15.73	15.74	15.80		
15	QPSK	3	1	15.73	15.74	15.80		
15	QPSK	3	3	15.79	15.83	15.85	16	1
15	QPSK	3	6	14.83	14.88	14.86		
15	16QAM	1	0	14.81	14.86	14.84		
15	16QAM	1	5	15.74	15.87	15.85	16	1
15	16QAM	1	5	15.74	15.81	15.12		
15	16QAM	3	0	14.67	14.84	14.69		
15	16QAM	3	1	14.81	15.06	14.88	15	2
15	16QAM	3	3	14.78	14.70	14.81		
15	16QAM	6	0	13.69	13.73	13.74		
15	64QAM	1	0	13.81	13.83	13.88	15	2
15	64QAM	1	5	14.05	14.05	14.01		
15	64QAM	1	5	13.97	13.75	13.83		
15	64QAM	3	0	13.89	13.79	13.89	14	3
15	64QAM	3	1	13.87	13.91	13.99		
15	64QAM	6	0	13.58	13.94	13.89		
15	64QAM	6	0	12.85	12.72	12.88	Tune-up limit (dBm)	

Band 5_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 204650	Power Mid Ch. Freq. 204650	Power High Ch. Freq. 204650	Tune-up limit (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.80	21.84	21.80	23	0	
10	QPSK	1	24	21.84	21.88	21.87			
10	QPSK	1	49	21.81	21.77	21.79			
10	QPSK	1	0	20.99	20.87	20.99	22	1	
10	QPSK	25	12	20.95	20.99	20.92			
10	QPSK	25	20	20.92	20.83	20.86			
10	QPSK	50	0	20.98	20.88	20.87	22	1	
10	QPSK	50	0	20.98	20.88	20.87			
10	16QAM	1	0	21.17	21.16	21.11			
10	16QAM	1	24	21.20	21.22	21.20	22	1	
10	16QAM	1	49	21.12	21.13	21.10			
10	16QAM	25	12	19.91	19.93	19.95	21	2	
10	16QAM	25	12	19.92	19.93	19.93			
10	16QAM	50	0	19.93	19.90	19.94			
10	16QAM	50	0	19.93	19.91	19.94	21	2	
10	64QAM	1	0	20.91	20.87	19.99			
10	64QAM	1	24	20.17	20.14	20.14			
10	64QAM	1	49	20.11	20.04	20.04	20	3	
10	64QAM	25	0	19.91	19.94	19.96			
10	64QAM	25	12	18.89	18.91	18.93			
10	64QAM	25	20	18.97	18.90	18.94	Tune-up limit (dBm)		
10	64QAM	50	0	18.93	18.89	18.92			MPE (dB)
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.88	21.73	21.74	23	0	
5	QPSK	1	12	21.82	21.84	21.73			
5	QPSK	1	24	21.78	21.84	21.87			
5	QPSK	12	0	20.95	20.83	20.86	22	1	
5	QPSK	12	7	20.89	20.84	20.91			
5	QPSK	25	0	20.77	20.77	20.85			
5	16QAM	1	0	21.11	21.04	21.02	22	1	
5	16QAM	1	12	21.09	21.07	21.06			
5	16QAM	1	24	21.04	20.98	21.04			
5	16QAM	12	0	19.85	19.82	19.80	21	2	
5	16QAM	12	7	19.84	19.80	19.82			
5	16QAM	12	13	19.85	19.87	19.79			
5	16QAM	25	0	19.89	19.81	19.83	21	2	
5	16QAM	25	0	19.89	19.81	19.83			
5	64QAM	1	12	20.06	20.07	20.11			
5	64QAM	1	24	20.08	19.89	19.95	20	3	
5	64QAM	12	7	19.87	19.86	19.81			
5	64QAM	12	7	19.88	19.82	19.84			
5	64QAM	25	0	18.95	18.95	18.90	Tune-up limit (dBm)		
5	64QAM	25	0	18.95	18.95	18.90			MPE (dB)
5	64QAM	25	12	18.79	18.75	18.80			
Channel									
Frequency (MHz)									
3	QPSK	1	0	20.815	20.815	20.815	23	0	
3	QPSK	1	8	21.03	21.86	21.86			
3	QPSK	1	16	21.17	21.82	21.82			
3	QPSK	8	0	20.83	20.79	20.88	22	1	
3	QPSK	8	8	20.91	20.87	20.88			
3	QPSK	8	7	20.88	20.70	20.72			
3	QPSK	8	0	20.75	20.84	20.75	22	1	
3	16QAM	1	0	21.03	21.79	21.74			
3	16QAM	1	14	21.14	21.78	21.78			
3	16QAM	1	14	21.09	21.12	21.08	21	2	
3	16QAM	8	0	19.81	19.87	19.80			
3	16QAM	8	0	19.82	19.88	19.80			
3	16QAM	10	8	19.85	19.88	19.81	21	2	
3	16QAM	10	8	19.87	19.89	19.83			
3	64QAM	1	0	19.87	20.00	19.92			
3	64QAM	1	0	19.87	20.00	19.92	20	3	
3	64QAM	1	14	20.06	20.01	20.01			
3	64QAM	1	14	20.06	20.01	20.01			
3	64QAM	8	0	18.76	18.86	18.91	Tune-up limit (dBm)		
3	64QAM	8	0	18.81	18.84	18.79			MPE (dB)
3	64QAM	8	7	18.85	18.80	18.91			
3	64QAM	10	8	18.82	18.80	18.80			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	21.55	21.49	21.69	23	0	
1.4	QPSK	1	0	21.54	21.55	21.63			
1.4	QPSK	1	5	21.59	21.41	21.50			
1.4	QPSK	3	0	21.70	21.65	21.64	22	1	
1.4	QPSK	3	3	21.68	21.77	21.69			
1.4	QPSK	3	3	21.69	21.59	21.65			
1.4	16QAM	1	0	20.75	20.71	20.74	22	1	
1.4	16QAM	1	5	20.73	20.77	20.80			
1.4	16QAM	1	5	20.79	20.78	21.14			
1.4	16QAM	3	0	20.58	20.76	20.83	21	2	
1.4	16QAM	3	3	20.55	20.69	20.50			
1.4	16QAM	3	3	19.74	19.72	19.74			
1.4	64QAM	1	0	19.51	19.83	19.88	21	2	
1.4	64QAM	1	0	19.56	19.74	19.84			
1.4	64QAM	1	5	19.46	19.50	19.69			
1.4	64QAM	3	0	19.75	19.75	19.79	20	3	
1.4	64QAM	3	3	19.76	19.74	19.81			
1.4	64QAM	3	3	19.82	18.74	19.67			
1.4	64QAM	3	3	18.90	18.65	18.65			

LTE Band 38_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)				37850	38000	38150	16	0
20	QPSK	1	0	14.71	14.81	14.77		
20	QPSK	1	49	14.75	14.83	14.79		
20	QPSK	1	99	14.59	14.64	14.54	15	1
20	QPSK	50	0	13.57	13.58	13.51		
20	QPSK	50	24	13.66	13.65	13.61		
20	QPSK	50	50	13.45	13.68	13.53	15	1
20	QPSK	100	0	13.48	13.59	13.51		
20	16QAM	1	0	13.57	13.68	13.68		
20	16QAM	1	49	13.55	13.72	13.64	15	1
20	16QAM	1	99	13.54	13.57	13.51		
20	16QAM	50	0	12.76	12.66	12.63		
20	16QAM	50	24	12.61	12.66	12.67	14	2
20	16QAM	50	50	12.70	12.78	12.58		
20	16QAM	100	0	12.55	12.66	12.52		
20	64QAM	1	0	12.54	12.73	12.61	14	2
20	64QAM	1	49	12.53	12.83	12.52		
20	64QAM	1	99	12.63	12.71	12.65		
20	64QAM	50	0	11.57	11.66	11.63	14	2
20	64QAM	50	24	11.74	11.76	11.68		
20	64QAM	50	50	11.65	11.76	11.55		
20	64QAM	100	0	11.67	11.82	11.74	13	3
Channel Frequency (MHz)				37850	38000	38150		
15	QPSK	1	0	14.63	14.68	14.67	16	0
15	QPSK	1	37	14.63	14.74	14.76		
15	QPSK	1	74	14.46	14.58	14.51		
15	QPSK	36	0	13.55	13.43	13.42	15	1
15	QPSK	36	20	13.64	13.60	13.56		
15	QPSK	36	39	13.38	13.64	13.47		
15	QPSK	75	0	13.39	13.50	13.44	15	1
15	16QAM	1	0	13.47	13.53	13.53		
15	16QAM	1	37	13.42	13.65	13.54		
15	16QAM	1	74	13.47	13.50	13.42	15	1
15	16QAM	36	0	12.72	12.53	12.59		
15	16QAM	36	20	12.55	12.56	12.61		
15	16QAM	36	39	12.66	12.77	12.45	14	2
15	16QAM	75	0	12.47	12.65	12.42		
15	64QAM	1	0	12.40	12.59	12.46		
15	64QAM	1	37	12.49	12.50	12.37	14	2
15	64QAM	1	74	12.54	12.66	12.58		
15	64QAM	36	0	11.55	11.61	11.58		
15	64QAM	36	20	11.73	11.66	11.57	13	3
15	64QAM	36	39	11.54	11.66	11.41		
15	64QAM	75	0	11.56	11.68	11.62		
Channel Frequency (MHz)				37800	38000	38200	16	0
10	QPSK	1	0	14.57	14.69	14.64		
10	QPSK	1	25	14.73	14.75	14.77		
10	QPSK	1	49	14.54	14.53	14.39	15	1
10	QPSK	25	0	13.44	13.43	13.39		
10	QPSK	25	12	13.56	13.61	13.58		
10	QPSK	25	25	13.36	13.60	13.43	15	1
10	QPSK	50	0	13.39	13.56	13.37		
10	16QAM	1	0	13.47	13.62	13.53		
10	16QAM	1	25	13.50	13.66	13.59	15	1
10	16QAM	1	49	13.41	13.53	13.37		
10	16QAM	25	0	12.68	12.63	12.56		
10	16QAM	25	12	12.55	12.60	12.57	14	2
10	16QAM	25	25	12.67	12.66	12.43		
10	16QAM	50	0	12.51	12.53	12.47		
10	64QAM	1	0	12.49	12.65	12.50	14	2
10	64QAM	1	25	12.51	12.59	12.50		
10	64QAM	1	49	12.48	12.69	12.54		
10	64QAM	25	0	11.53	11.64	11.49	13	3
10	64QAM	25	12	11.59	11.66	11.54		
10	64QAM	25	25	11.52	11.67	11.49		
10	64QAM	50	0	11.60	11.77	11.68	13	3
Channel Frequency (MHz)				37800	38000	38200		
5	QPSK	1	0	14.66	14.71	14.73	16	0
5	QPSK	1	12	14.65	14.82	14.71		
5	QPSK	1	24	14.56	14.51	14.46		
5	QPSK	12	0	13.43	13.44	13.46	15	1
5	QPSK	12	7	13.52	13.59	13.54		
5	QPSK	12	13	13.38	13.64	13.46		
5	QPSK	25	0	13.33	13.52	13.37	15	1
5	16QAM	1	0	13.54	13.53	13.56		
5	16QAM	1	12	13.46	13.57	13.49		
5	16QAM	1	24	13.48	13.46	13.42	15	1
5	16QAM	12	0	12.74	12.58	12.48		
5	16QAM	12	7	12.50	12.64	12.56		
5	16QAM	12	13	12.66	12.77	12.56	14	2
5	16QAM	25	0	12.53	12.62	12.43		
5	64QAM	1	0	12.43	12.71	12.53		
5	64QAM	1	12	12.44	12.53	12.39	14	2
5	64QAM	1	24	12.55	12.70	12.63		
5	64QAM	12	0	11.48	11.64	11.60		
5	64QAM	12	7	11.66	11.66	11.64	13	3
5	64QAM	12	13	11.51	11.70	11.54		
5	64QAM	25	0	11.57	11.70	11.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)				40140	40400	40670	41140		
				2565	2671	2598	2645		
20	QPSK	1	0	14.77	14.80	14.73	14.54	16	0
20	QPSK	1	49	14.90	14.81	14.82	14.70		
20	QPSK	1	99	14.73	14.68	14.62	14.68		
20	QPSK	50	0	13.74	13.65	13.57	13.37	15	1
20	QPSK	50	24	13.75	13.68	13.65	13.51		
20	QPSK	50	50	13.69	13.51	13.52	13.32		
20	QPSK	100	0	13.70	13.67	13.57	13.47	15	1
20	16QAM	1	0	13.45	13.46	13.55	13.39		
20	16QAM	1	49	13.48	13.59	13.55	13.38		
20	16QAM	1	99	13.57	13.56	13.48	13.44	14	2
20	16QAM	50	0	12.69	12.49	12.45	12.42		
20	16QAM	50	24	12.75	12.69	12.54	12.48		
20	16QAM	50	50	12.56	12.48	12.52	12.31	14	2
20	16QAM	100	0	12.67	12.53	12.35	12.34		
20	64QAM	1	0	12.51	12.62	12.56	12.36		
20	64QAM	1	49	12.54	12.54	12.52	12.47	14	2
20	64QAM	1	99	12.51	12.53	12.42	12.48		
20	64QAM	50	0	11.55	11.62	11.42	11.39		
20	64QAM	50	24	11.65	11.59	11.41	11.44	13	3
20	64QAM	50	50	11.49	11.51	11.41	11.28		
20	64QAM	100	0	11.57	11.52	11.29	11.35		
Channel				40115	40375	40645	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				40115	40375	40645	41165		
15	QPSK	1	0	14.65	14.78	14.66	14.41	16	0
15	QPSK	1	37	14.60	14.77	14.68	14.68		
15	QPSK	1	74	14.59	14.60	14.55	14.55		
15	QPSK	36	0	13.60	13.40	13.45	13.36	15	1
15	QPSK	36	20	13.69	13.62	13.50	13.40		
15	QPSK	36	39	13.62	13.39	13.53	13.22		
15	QPSK	75	0	13.55	13.61	13.55	13.33	15	1
15	16QAM	1	0	13.36	13.41	13.45	13.37		
15	16QAM	1	37	13.46	13.57	13.42	13.28		
15	16QAM	1	74	13.53	13.45	13.37	13.29	15	1
15	16QAM	36	0	12.55	12.39	12.32	12.12		
15	16QAM	36	20	12.73	12.66	12.45	12.34		
15	16QAM	36	39	12.46	12.35	12.51	12.30	14	2
15	16QAM	75	0	12.59	12.44	12.31	12.31		
15	64QAM	1	0	12.38	12.48	12.41	12.24		
15	64QAM	1	37	12.41	12.52	12.48	12.36	14	2
15	64QAM	1	74	12.49	12.50	12.38	12.44		
15	64QAM	36	0	11.54	11.49	11.39	11.24		
15	64QAM	36	20	11.54	11.56	11.29	11.43	13	3
15	64QAM	36	39	11.40	11.43	11.37	11.20		
15	64QAM	75	0	11.47	11.41	11.17	11.22		
Channel				40090	40350	40620	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				40090	40350	40620	41190		
10	QPSK	1	0	14.70	14.78	14.61	14.40	16	0
10	QPSK	1	25	14.88	14.79	14.80	14.60		
10	QPSK	1	49	14.72	14.59	14.60	14.57		
10	QPSK	25	0	13.60	13.50	13.54	13.29	15	1
10	QPSK	25	12	13.61	13.62	13.50	13.40		
10	QPSK	25	25	13.57	13.39	13.54	13.31		
10	QPSK	50	0	13.64	13.63	13.54	13.36	15	1
10	16QAM	1	0	13.43	13.39	13.48	13.33		
10	16QAM	1	25	13.34	13.45	13.44	13.45		
10	16QAM	1	49	13.49	13.52	13.45	13.37	14	2
10	16QAM	25	0	12.65	12.41	12.39	12.41		
10	16QAM	25	12	12.61	12.67	12.48	12.41		
10	16QAM	25	25	12.50	12.41	12.51	12.18	14	2
10	16QAM	50	0	12.60	12.49	12.32	12.26		
10	64QAM	1	0	12.39	12.50	12.48	12.22		
10	64QAM	1	25	12.44	12.48	12.44	12.33	14	2
10	64QAM	1	49	12.41	12.43	12.38	12.38		
10	64QAM	25	0	11.46	11.43	11.29	11.38		
10	64QAM	25	12	11.50	11.53	11.27	11.15	13	3
10	64QAM	25	25	11.46	11.48	11.33	11.11		
10	64QAM	50	0	11.42	11.38	11.21	11.33		
Channel				40065	40325	40595	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				40065	40325	40595	41115		
5	QPSK	1	0	14.70	14.67	14.59	14.49	16	0
5	QPSK	1	12	14.84	14.67	14.67	14.58		
5	QPSK	1	24	14.61	14.56	14.58	14.53		
5	QPSK	12	0	13.72	13.43	13.48	13.31	15	1
5	QPSK	12	7	13.61	13.59	13.56	13.39		
5	QPSK	12	19	13.64	13.43	13.52	13.22		
5	QPSK	25	0	13.58	13.56	13.46	13.38	15	1
5	16QAM	1	0	13.32	13.32	13.43	13.30		
5	16QAM	1	12	13.35	13.56	13.43	13.35		
5	16QAM	1	24	13.44	13.45	13.35	13.36	14	2
5	16QAM	12	0	12.54	12.47	12.38	12.40		
5	16QAM	12	7	12.61	12.59	12.42	12.43		
5	16QAM	12	19	12.43	12.45	12.38	12.27	14	2
5	16QAM	25	0	12.56	12.41	12.24	12.19		
5	64QAM	1	0	12.39	12.54	12.48	12.33		
5	64QAM	1	12	12.41	12.42	12.47	12.41	14	2
5	64QAM	1	24	12.42	12.52	12.35	12.40		
5	64QAM	12	0	11.48	11.38	11.41	11.31		
5	64QAM	12	7	11.50	11.48	11.27	11.31	13	3
5	64QAM	12	19	11.39	11.43	11.37	11.18		
5	64QAM	25	0	11.46	11.43	11.14	11.25		



Reduced Power for DS16

	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
	Limit	169	251		Limit	169	251	
GSM850_Ant 0		824.2	836.4	848.6		824.2	836.4	848.6
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot		32.09	32.13	32.11	33.50	23.09	23.13	23.11
GPRS 1 Tx slot		32.11	32.15	32.12	33.50	23.11	23.15	23.12
GPRS 2 Tx slots		30.13	30.16	30.16	31.50	24.13	24.16	24.16
GPRS 3 Tx slots		28.10	28.11	28.10	29.50	23.84	23.85	23.84
GPRS 4 Tx slots		26.22	26.24	26.25	27.50	23.22	23.24	23.25
EDGE 1 Tx slot		26.14	26.22	26.19	27.50	17.14	17.22	17.19
EDGE 2 Tx slots		25.01	24.91	24.77	25.50	19.01	18.91	18.77
EDGE 3 Tx slots		22.94	23.01	22.84	23.50	18.68	18.75	18.58
EDGE 4 Tx slots		20.57	20.51	20.43	21.00	17.57	17.51	17.43

	Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
	Limit	512	661	810	Limit	512	661	810
GSM1900_Ant 0								
TX Channel		1850.2	1880	1909.8		1850.2	1880	1909.8
Frequency (MHz)								
GSM 1 Tx slot		27.27	27.26	27.04	28.00	18.27	18.26	18.04
GPRS 1 Tx slot		27.31	27.16	27.09	28.00	18.31	18.16	18.09
GPRS 2 Tx slots		25.23	25.27	25.20	26.00	19.23	19.27	19.20
GPRS 3 Tx slots		23.22	23.18	23.21	24.00	18.96	18.92	18.95
GPRS 4 Tx slots		21.12	21.23	21.17	22.00	18.12	18.23	18.17
EDGE 1 Tx slot		23.51	23.37	23.34	24.00	14.51	14.37	14.34
EDGE 2 Tx slots		21.81	21.80	21.71	22.00	15.81	15.80	15.71
EDGE 3 Tx slots		19.79	19.77	19.62	20.00	15.53	15.51	15.36
EDGE 4 Tx slots		17.76	17.60	17.64	18.00	14.76	14.60	14.84

	Band	WCDMA II_Ant 0			Tune-up	WCDMA V_Ant 0			Tune-up
		9262	9400	9538		4132	4182	4233	
TX Channel		9662	9800	9938		4357	4407	4456	
Rx Channel									
Frequency (MHz)		1532.4	1680	1807.6		529.4	536.4	543.6	
3GPP Rel 99	AMR 12.2Kbps	19.07	19.12	19.18	20.00	22.70	22.92	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	19.11	19.27	19.20	20.00	22.92	22.94	22.92	24.00
3GPP Rel 6	HSDPA Subtest-1	18.22	18.21	18.11	19.00	21.94	21.93	21.91	23.00
3GPP Rel 6	HSDPA Subtest-2	18.15	18.03	18.03	19.00	21.91	21.84	21.89	23.00
3GPP Rel 6	HSDPA Subtest-3	17.59	17.56	17.44	18.50	21.35	21.40	21.34	22.50
3GPP Rel 6	HSDPA Subtest-4	17.50	17.53	17.45	18.50	21.42	21.37	21.35	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.21	18.03	18.15	19.00	21.90	21.86	21.87	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.17	18.01	18.06	19.00	21.87	21.77	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.41	17.38	17.46	18.50	21.33	21.34	21.30	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.50	17.52	17.32	18.50	21.36	21.37	21.32	22.50
3GPP Rel 6	HSUPA Subtest-1	16.75	16.77	16.65	17.50	20.46	20.49	20.50	21.50
3GPP Rel 6	HSUPA Subtest-2	16.76	16.78	16.76	17.50	20.55	20.52	20.43	21.50
3GPP Rel 6	HSUPA Subtest-3	17.69	17.74	17.63	18.50	21.45	21.45	21.43	22.50
3GPP Rel 6	HSUPA Subtest-4	16.24	16.18	16.27	17.00	20.02	20.04	19.94	21.00
3GPP Rel 6	HSUPA Subtest-5	17.59	17.59	17.59	18.50	21.40	21.40	21.40	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.06	16.02	15.94	17.50	19.77	19.82	19.81	21.50

Band 2_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch / Freq	Power Level Ch / Freq	Power Level Ch / Freq	Tune-up limit (dBm)	MFR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.70	18.81	18.81	20	0
20	QPSK	1	49	18.74	18.84	18.81		
20	QPSK	1	99	18.68	18.86	18.70		
20	QPSK	60	24	17.75	17.80	17.78		
20	QPSK	60	50	17.83	17.86	17.73	19	1
20	QPSK	60	0	17.82	17.88	17.73		
20	16QAM	1	0	17.74	17.82	17.84		
20	16QAM	1	49	18.00	18.21	18.18		
20	16QAM	1	99	17.82	17.89	17.81	19	1
20	16QAM	60	0	16.81	16.89	16.76		
20	16QAM	60	24	16.83	16.76	16.69		
20	16QAM	60	49	16.89	16.88	16.81		
20	16QAM	100	0	16.79	16.88	16.82	18	2
20	16QAM	100	0	16.79	16.83	16.76		
20	16QAM	1	49	17.84	17.80	16.83		
20	16QAM	1	99	16.89	16.83	16.76		
20	16QAM	60	0	16.83	16.83	16.87	17	3
20	16QAM	60	24	15.89	15.82	15.92		
20	16QAM	60	49	15.81	15.88	15.75		
20	16QAM	100	0	15.83	15.82	15.75		
Channel								
Frequency (MHz)								
15	QPSK	1	0	18.63	18.60	18.65	20	0
15	QPSK	1	37	18.73	18.84	18.79		
15	QPSK	1	74	18.54	18.61	18.56		
15	QPSK	36	0	17.81	17.86	17.80		
15	QPSK	36	20	17.71	17.86	17.83	19	1
15	QPSK	36	38	17.81	17.86	17.80		
15	16QAM	1	37	17.74	17.83	17.80		
15	16QAM	1	74	17.79	17.80	17.84		
15	16QAM	12	0	17.80	17.80	17.80	19	1
15	16QAM	1	74	17.79	17.80	17.88		
15	16QAM	36	0	16.89	16.79	16.80		
15	16QAM	36	20	16.77	16.89	16.80		
15	16QAM	75	0	16.85	16.79	16.47	18	2
15	16QAM	75	0	16.81	16.79	16.80		
15	16QAM	1	37	16.83	16.87	16.81		
15	16QAM	1	74	16.89	16.75	16.66		
15	16QAM	36	0	15.75	15.73	15.84	17	3
15	16QAM	36	20	15.87	15.75	15.81		
15	16QAM	36	38	15.81	15.81	15.75		
15	16QAM	75	0	15.70	15.69	15.60		
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.60	18.60	18.60	20	0
10	QPSK	1	25	18.70	18.81	18.85		
10	QPSK	1	49	18.60	18.81	18.86		
10	QPSK	25	12	17.69	17.89	17.59		
10	QPSK	25	14	17.63	17.74	17.69	19	1
10	QPSK	60	0	17.68	17.71	17.69		
10	QPSK	60	0	17.60	17.60	17.60		
10	16QAM	1	25	17.58	18.17	18.11		
10	16QAM	1	49	16.89	16.79	16.80	19	1
10	16QAM	25	0	16.89	16.89	16.68		
10	16QAM	25	12	16.73	16.73	16.69		
10	16QAM	25	14	16.39	16.81	16.76		
10	16QAM	60	25	16.39	16.81	16.76	18	2
10	16QAM	60	0	16.68	16.73	16.58		
10	16QAM	1	49	16.70	16.70	16.68		
10	16QAM	1	25	16.85	16.86	16.92		
10	16QAM	25	0	16.78	16.71	16.78	18	2
10	16QAM	25	12	16.80	16.79	16.80		
10	16QAM	25	0	16.85	16.89	16.87		
10	16QAM	25	25	16.47	16.82	16.87		
10	16QAM	50	0	15.68	15.70	15.62	17	3
10	16QAM	50	0	15.62	15.70	15.60		
10	16QAM	50	0	15.62	15.70	15.60		
10	16QAM	50	0	15.62	15.70	15.60		
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.50	18.57	18.57	20	0
5	QPSK	1	12	18.60	18.61	18.63		
5	QPSK	1	24	18.60	18.61	18.66		
5	QPSK	12	0	17.62	17.76	17.65		
5	QPSK	12	7	17.72	17.82	17.81	19	1
5	QPSK	12	13	17.63	17.75	17.64		
5	QPSK	25	0	17.76	17.83	17.51		
5	QPSK	25	0	17.73	17.68	17.52		
5	16QAM	1	12	17.68	18.18	18.05	19	1
5	16QAM	1	24	17.60	17.60	17.60		
5	16QAM	12	0	16.89	16.83	16.70		
5	16QAM	12	7	16.87	16.77	16.72		
5	16QAM	12	13	16.47	16.77	16.72	18	2
5	16QAM	25	0	16.75	16.73	16.65		
5	16QAM	25	0	16.77	16.86	16.86		
5	16QAM	1	12	16.88	16.91	16.84		
5	16QAM	1	24	16.85	16.81	16.80	18	2
5	16QAM	12	0	15.85	15.69	15.84		
5	16QAM	12	7	15.80	15.79	15.82		
5	16QAM	12	13	15.52	15.78	15.73		
5	16QAM	25	0	15.62	15.70	15.60	17	3
5	16QAM	25	0	15.62	15.70	15.60		
5	16QAM	25	0	15.62	15.70	15.60		
5	16QAM	25	0	15.62	15.70	15.60		
Channel								
Frequency (MHz)								
3	QPSK	1	0	18.60	18.70	18.74	20	0
3	QPSK	1	8	18.60	18.85	18.76		
3	QPSK	1	16	18.63	18.86	18.82		
3	QPSK	12	0	17.70	17.76	17.61		
3	QPSK	8	4	17.70	17.79	17.65	19	1
3	QPSK	8	6	17.66	17.81	17.61		
3	QPSK	15	0	17.69	17.86	17.64		
3	QPSK	15	0	17.69	17.86	17.64		
3	16QAM	1	0	17.63	18.19	18.07	19	1
3	16QAM	1	14	17.61	17.63	17.77		
3	16QAM	8	0	16.73	16.89	16.68		
3	16QAM	8	4	16.80	16.74	16.54		
3	16QAM	8	7	16.39	16.83	16.78	18	2
3	16QAM	15	0	16.67	16.82	16.66		
3	16QAM	1	0	16.77	16.89	16.70		
3	16QAM	1	8	16.82	16.86	16.80		
3	16QAM	15	0	16.82	16.75	16.56	18	2
3	16QAM	15	0	16.82	16.75	16.56		
3	16QAM	8	0	15.77	15.76	15.80		
3	16QAM	8	4	15.82	15.79	15.82		
3	16QAM	8	7	15.80	15.73	15.72	17	3
3	16QAM	8	7	15.80	15.73	15.72		
3	16QAM	15	0	15.82	15.73	15.67		
3	16QAM	15	0	15.82	15.73	15.67		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	18.70	18.70	18.69	20	0
1.4	QPSK	1	5	18.73	18.83	18.82		
1.4	QPSK	1	10	18.80	18.84	18.75		
1.4	QPSK	3	0	18.27	18.76	18.78		
1.4	QPSK	3	1	18.80	18.81	18.80	19	1
1.4	QPSK	3	3	18.74	18.80	18.75		
1.4	QPSK	6	0	17.86	17.86	17.70		
1.4	16QAM	1	0	17.88	17.98	17.89		
1.4	16QAM	1	5	18.22	18.19	17.89	19	1
1.4	16QAM	1	5	17.88	18.00	18.00		
1.4	16QAM	3	0	17.73	17.84	17.89		
1.4	16QAM	3	1	17.87	18.06	17.89		
1.4	16QAM	3	3	17.81	17.79	17.86	18	2
1.4	16QAM	6	0	17.76	16.81	16.84		
1.4	16QAM	1	0	16.84	17.08	16.90		
1.4	16QAM	1	5	17.04	16.87	16.88		
1.4	16QAM	3	0	17.08	17.06	17.08	18	2
1.4	16QAM	3	1	17.08	17.06	17.08		
1.4	16QAM	3	3	16.71	16.88	16.93		
1.4	16QAM	6	0	15.86	15.87	15.96		

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	T ₁ (dBm)	MFR (dB)		
Channel										
10	QPSK	1	0	22.73	22.73	22.74	24	0		
10	QPSK	1	26	22.77	22.83	22.81				
10	QPSK	1	49	22.76	22.69	22.75				
10	QPSK	25	12	21.81	21.83	21.78				
10	QPSK	25	20	21.79	21.85	21.79	23	1		
10	16QAM	1	0	22.20	22.18	21.88				
10	16QAM	1	26	22.28	22.20	21.88				
10	16QAM	1	49	22.22	21.85	21.84				
10	16QAM	25	0	20.74	20.88	20.78	22	2		
10	16QAM	25	26	20.77	20.71	20.76				
10	16QAM	25	0	20.73	20.66	20.80				
10	16QAM	25	23	20.73	20.65	20.78				
10	64QAM	1	0	20.20	20.63	20.62	22	2		
10	64QAM	1	26	20.17	20.63	20.62				
10	64QAM	25	0	19.70	19.83	19.88				
10	64QAM	25	0	19.67	19.82	19.88				
10	64QAM	25	20	19.80	19.72	19.82	21	3		
10	64QAM	25	0	19.73	19.86	19.79				
Channel				20.615	20.62	20.62			Tune-up limit	MFR
Frequency (MHz)				22.88	22.47	22.61			(dBm)	(dB)
5	QPSK	1	0	22.63	22.47	22.61	24	0		
5	QPSK	1	24	22.73	22.92	22.77				
5	QPSK	1	49	22.70	22.60	22.75				
5	QPSK	12	0	21.72	21.85	21.72				
5	QPSK	12	7	21.72	21.87	21.67	23	1		
5	QPSK	26	0	21.69	21.81	21.73				
5	16QAM	1	0	22.16	22.14	21.84				
5	16QAM	1	24	22.38	22.20	21.88				
5	16QAM	12	0	20.72	20.83	20.73	22	2		
5	16QAM	12	7	20.71	20.87	20.73				
5	16QAM	12	7	20.72	20.84	20.74				
5	16QAM	12	13	20.85	20.69	20.71				
5	64QAM	1	0	20.24	20.61	20.61	22	2		
5	64QAM	1	24	20.21	20.61	20.61				
5	64QAM	1	12	20.68	20.60	20.64				
5	64QAM	12	0	19.65	19.81	19.85				
5	64QAM	12	7	19.65	19.78	19.85	21	3		
5	64QAM	12	13	19.76	19.70	19.78				
5	64QAM	26	0	19.72	19.87	19.73				
Channel				20.615	20.62	20.62			Tune-up limit	MFR
Frequency (MHz)				22.88	22.73	22.61	(dBm)	(dB)		
3	QPSK	1	0	22.50	22.73	22.61	24	0		
3	QPSK	1	8	22.75	22.85	22.87				
3	QPSK	1	26	22.80	22.86	22.87				
3	QPSK	8	0	21.73	21.77	21.66				
3	QPSK	8	7	21.72	21.74	21.61	23	1		
3	QPSK	16	0	21.64	21.68	21.69				
3	16QAM	1	0	21.59	22.30	21.64				
3	16QAM	1	8	22.12	22.14	21.87				
3	16QAM	8	0	20.57	20.87	20.78	22	2		
3	16QAM	8	7	20.52	20.87	20.78				
3	16QAM	8	7	20.74	20.88	20.80				
3	16QAM	8	7	20.76	20.88	20.82				
3	64QAM	1	0	20.26	21.01	20.84	21	3		
3	64QAM	1	8	21.02	20.99	20.98				
3	64QAM	1	14	20.87	20.98	20.98				
3	64QAM	8	0	19.83	19.84	19.84				
3	64QAM	8	7	19.80	19.75	19.85	21	3		
3	64QAM	8	7	19.87	19.78	19.85				
3	64QAM	8	7	19.85	19.78	19.85				
Channel				20.607	20.62	20.63			Tune-up limit	MFR
Frequency (MHz)				22.88	22.62	22.62	(dBm)	(dB)		
1.4	QPSK	1	0	22.80	22.64	22.65	24	0		
1.4	QPSK	1	3	22.88	22.64	22.65				
1.4	QPSK	3	1	22.72	22.70	22.74				
1.4	QPSK	3	1	22.86	22.83	22.83				
1.4	QPSK	3	3	22.70	22.65	22.67	23	1		
1.4	16QAM	1	0	21.63	21.65	21.65				
1.4	16QAM	1	0	21.81	21.81	21.84				
1.4	16QAM	1	3	21.86	21.81	21.77				
1.4	16QAM	3	1	21.79	21.69	21.76	23	1		
1.4	16QAM	3	1	21.65	21.81	21.81				
1.4	16QAM	3	3	21.68	21.69	21.60				
1.4	64QAM	1	0	20.83	20.79	20.79				
1.4	64QAM	1	0	20.70	20.87	20.89	22	2		
1.4	64QAM	1	3	20.83	20.87	20.87				
1.4	64QAM	1	3	20.49	20.55	20.50				
1.4	64QAM	3	3	20.79	20.83	20.80				
1.4	64QAM	3	3	20.89	20.82	20.79	21	3		
1.4	64QAM	3	3	19.68	19.78	19.80				
Channel				20.607	20.62	20.63			Tune-up limit	MFR
Frequency (MHz)				22.88	22.62	22.62			(dBm)	(dB)

LTE Band 38_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)				37850	38000	38150	19	0
20	QPSK	1	0	17.75	17.83	17.75		
20	QPSK	1	49	17.76	17.85	17.78		
20	QPSK	1	99	17.58	17.62	17.56	18	1
20	QPSK	50	0	16.58	16.55	16.57		
20	QPSK	50	24	16.66	16.68	16.62		
20	QPSK	50	0	16.53	16.62	16.48	18	1
20	QPSK	100	0	16.50	16.70	16.64		
20	16QAM	1	0	16.49	16.59	16.61		
20	16QAM	1	49	16.60	16.67	16.62	18	1
20	16QAM	1	99	16.52	16.66	16.47		
20	16QAM	50	0	15.64	15.71	15.67		
20	16QAM	50	24	15.53	15.64	15.68	17	2
20	16QAM	50	50	15.63	15.70	15.57		
20	16QAM	100	0	15.58	15.71	15.55		
20	64QAM	1	0	15.55	15.62	15.68	17	2
20	64QAM	1	49	15.59	15.66	15.51		
20	64QAM	1	99	15.74	15.81	15.67		
20	64QAM	50	0	14.60	14.78	14.57	16	3
20	64QAM	50	24	14.76	14.88	14.65		
20	64QAM	50	50	14.63	14.80	14.56		
20	64QAM	100	0	14.75	14.82	14.69	16	3
Channel Frequency (MHz)				37925	38000	38075		
15	QPSK	1	0	17.67	17.77	17.64	19	0
15	QPSK	1	37	17.74	17.80	17.75		
15	QPSK	1	74	17.48	17.57	17.51		
15	QPSK	36	0	16.44	16.51	16.47	18	1
15	QPSK	36	20	16.60	16.60	16.52		
15	QPSK	36	39	16.52	16.57	16.35		
15	QPSK	75	0	16.38	16.68	16.53	18	1
15	16QAM	1	0	16.42	16.54	16.52		
15	16QAM	1	37	16.51	16.62	16.52		
15	16QAM	1	74	16.38	16.58	16.35	17	2
15	16QAM	36	0	15.61	15.70	15.66		
15	16QAM	36	20	16.47	16.49	16.52		
15	16QAM	36	39	15.60	15.68	15.50	17	2
15	16QAM	75	0	15.52	15.64	15.53		
15	64QAM	1	0	15.44	15.51	15.64		
15	64QAM	1	37	15.51	15.58	15.38	17	2
15	64QAM	1	74	15.61	15.74	15.65		
15	64QAM	36	0	14.51	14.76	14.47		
15	64QAM	36	20	14.66	14.84	14.57	16	3
15	64QAM	36	39	14.59	14.77	14.48		
15	64QAM	75	0	14.72	14.77	14.67		
Channel Frequency (MHz)				37800	38000	38200	19	0
10	QPSK	1	0	17.67	17.80	17.70		
10	QPSK	1	25	17.73	17.79	17.68		
10	QPSK	1	49	17.47	17.57	17.41	18	1
10	QPSK	25	0	16.58	16.48	16.50		
10	QPSK	25	12	16.58	16.61	16.52		
10	QPSK	25	25	16.38	16.57	16.43	18	1
10	QPSK	50	0	16.37	16.68	16.51		
10	16QAM	1	0	16.47	16.46	16.55		
10	16QAM	1	25	16.59	16.59	16.51	18	1
10	16QAM	1	49	16.50	16.57	16.43		
10	16QAM	25	0	15.58	15.58	15.61		
10	16QAM	25	12	15.48	15.58	15.52	17	2
10	16QAM	25	25	15.56	15.61	15.54		
10	16QAM	50	0	15.55	15.62	15.40		
10	64QAM	1	0	15.51	15.55	15.55	17	2
10	64QAM	1	25	15.52	15.58	15.40		
10	64QAM	1	49	15.71	15.66	15.62		
10	64QAM	25	0	14.52	14.64	14.55	16	3
10	64QAM	25	12	14.73	14.75	14.61		
10	64QAM	25	25	14.53	14.68	14.54		
10	64QAM	50	0	14.73	14.78	14.64	16	3
Channel Frequency (MHz)				37725	38000	38275		
5	QPSK	1	0	17.62	17.73	17.62	19	0
5	QPSK	1	12	17.73	17.77	17.77		
5	QPSK	1	24	17.50	17.60	17.50		
5	QPSK	12	0	16.45	16.53	16.53	18	1
5	QPSK	12	7	16.58	16.61	16.56		
5	QPSK	12	13	16.47	16.52	16.41		
5	QPSK	25	0	16.48	16.63	16.51	18	1
5	16QAM	1	0	16.41	16.56	16.55		
5	16QAM	1	12	16.55	16.62	16.52		
5	16QAM	1	24	16.44	16.52	16.41	18	1
5	16QAM	12	0	15.58	15.69	15.57		
5	16QAM	12	7	15.46	15.57	15.65		
5	16QAM	12	13	15.55	15.55	15.50	17	2
5	16QAM	25	0	15.50	15.70	15.54		
5	64QAM	1	0	15.54	15.51	15.54		
5	64QAM	1	12	15.54	15.54	15.47	17	2
5	64QAM	1	24	15.60	15.70	15.57		
5	64QAM	12	0	14.56	14.84	14.42		
5	64QAM	12	7	14.69	14.73	14.56	16	3
5	64QAM	12	13	14.50	14.72	14.48		
5	64QAM	25	0	14.60	14.75	14.63		

LTE Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)				40140	40400	40670	41140	19	0
20	QPSK	1	0	17.75	17.70	17.67	17.41		
20	QPSK	1	49	17.89	17.75	17.74	17.65		
20	QPSK	1	99	17.72	17.54	17.53	17.61	18	1
20	QPSK	50	0	16.59	16.43	16.42	16.32		
20	QPSK	50	24	16.71	16.53	16.54	16.48		
20	QPSK	50	50	16.56	16.38	16.50	16.40	18	1
20	QPSK	100	0	16.55	16.54	16.46	16.35		
20	16QAM	1	0	16.38	16.42	16.49	16.35	18	1
20	16QAM	1	49	16.45	16.53	16.46	16.35		
20	16QAM	1	99	16.45	16.48	16.35	16.29		
20	16QAM	50	0	15.55	15.46	15.32	15.32	17	2
20	16QAM	50	24	15.61	15.58	15.52	15.35		
20	16QAM	50	50	15.53	15.36	15.38	15.23		
20	16QAM	100	0	15.59	15.41	15.27	15.29	17	2
20	64QAM	1	0	15.44	15.55	15.52	15.35		
20	64QAM	1	49	15.39	15.49	15.42	15.33	17	2
20	64QAM	1	99	15.42	15.41	15.33	15.36		
20	64QAM	50	0	14.47	14.58	14.57	14.37	16	3
20	64QAM	50	24	14.62	14.54	14.44	14.48		
20	64QAM	50	50	14.48	14.44	14.50	14.45		
20	64QAM	100	0	14.55	14.45	14.40	14.42	16	3
Channel Frequency (MHz)				40115	40375	40635	41115		
15	QPSK	1	0	17.66	17.67	17.64	17.26	19	0
15	QPSK	1	37	17.76	17.66	17.66	17.57		
15	QPSK	1	74	17.64	17.52	17.50	17.52		
15	QPSK	36	0	16.53	16.37	16.37	16.28	18	1
15	QPSK	36	20	16.70	16.51	16.51	16.36		
15	QPSK	36	39	16.50	16.28	16.45	16.39		
15	QPSK	75	0	16.42	16.42	16.40	16.28	18	1
15	16QAM	1	0	16.30	16.41	16.48	16.34		
15	16QAM	1	37	16.36	16.44	16.52	16.34		
15	16QAM	1	74	16.44	16.33	16.20	16.22	17	2
15	16QAM	36	0	15.52	15.36	15.25	15.21		
15	16QAM	36	20	15.58	15.52	15.39	15.23		
15	16QAM	36	39	15.49	15.22	15.27	15.28	17	2
15	16QAM	75	0	15.44	15.36	15.24	15.24		
15	64QAM	1	0	15.43	15.46	15.46	15.25	17	2
15	64QAM	1	37	15.28	15.44	15.52	15.28		
15	64QAM	1	74	15.36	15.39	15.32	15.21		
15	64QAM	36	0	14.35	14.24	14.26	14.25	16	3
15	64QAM	36	20	14.49	14.44	14.41	14.37		
15	64QAM	36	39	14.37	14.34	14.44	14.44		
15	64QAM	75	0	14.41	14.34	14.34	14.40	16	3
Channel Frequency (MHz)				40300	40550	40800	41100	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	17.71	17.66	17.60	17.35	19	0
10	QPSK	1	35	17.76	17.72	17.72	17.44		
10	QPSK	1	49	17.60	17.52	17.46	17.48		
10	QPSK	25	0	16.54	16.31	16.30	16.22	18	1
10	QPSK	25	12	16.68	16.50	16.48	16.36		
10	QPSK	25	25	16.42	16.26	16.40	16.29		
10	QPSK	50	0	16.47	16.39	16.35	16.28	18	1
10	QPSK	1	0	16.35	16.40	16.48	16.30		
10	16QAM	1	25	16.35	16.40	16.43	16.24		
10	16QAM	1	49	16.31	16.40	16.34	16.24	17	2
10	16QAM	25	0	15.40	15.40	15.31	15.21		
10	16QAM	25	12	15.57	15.46	15.44	15.23		
10	16QAM	25	25	15.47	15.34	15.28	15.30	17	2
10	16QAM	50	0	15.53	15.40	15.21	15.23		
10	64QAM	1	0	15.36	15.45	15.50	15.32	17	2
10	64QAM	25	1	15.34	15.44	15.36	15.26		
10	64QAM	1	49	15.33	15.29	15.28	15.27		
10	64QAM	25	0	14.35	14.37	14.36	14.26	16	3
10	64QAM	25	12	14.61	14.50	14.33	14.37		
10	64QAM	25	25	14.38	14.35	14.44	14.41		
10	64QAM	50	0	14.41	14.39	14.31	14.38	16	3
Channel Frequency (MHz)				40905	40955	40995	41115	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	17.67	17.67	17.59	17.26	19	0
5	QPSK	1	12	17.76	17.61	17.62	17.53		
5	QPSK	24	1	17.65	17.38	17.38	17.40		
5	QPSK	12	0	16.44	16.33	16.30	16.27	18	1
5	QPSK	12	7	16.68	16.41	16.51	16.45		
5	QPSK	12	12	16.47	16.29	16.38	16.26		
5	QPSK	25	0	16.52	16.48	16.33	16.23	18	1
5	16QAM	1	0	16.37	16.40	16.40	16.22		
5	16QAM	1	12	16.33	16.46	16.34	16.25		
5	16QAM	24	1	16.39	16.27	16.27	16.26	17	2
5	16QAM	12	0	15.45	15.42	15.28	15.30		
5	16QAM	12	7	15.57	15.43	15.37	15.30		
5	16QAM	12	12	15.43	15.26	15.35	15.25	17	2
5	16QAM	25	0	15.45	15.37	15.26	15.26		
5	64QAM	1	0	15.36	15.42	15.43	15.33	17	2
5	64QAM	1	12	15.25	15.38	15.39	15.32		
5	64QAM	24	1	15.38	15.36	15.32	15.28		
5	64QAM	12	0	14.48	14.28	14.22	14.31	16	3
5	64QAM	12	7	14.46	14.49	14.38	14.33		
5	64QAM	12	12	14.37	14.33	14.48	14.31		
5	64QAM	25	0	14.55	14.35	14.31	14.35	16	3



Reduced Power for DS17

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	168	251		128	168	251	
GSM850_Ant 0	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	29.64	29.65	29.60	31.00	20.64	20.65	20.60	22.00
GPRS 1 Tx slot	29.63	29.60	29.55	31.00	20.63	20.60	20.55	22.00
GPRS 2 Tx slots	27.43	27.60	27.57	29.00	21.53	21.60	21.57	23.00
GPRS 3 Tx slots	25.42	25.50	25.46	27.00	21.16	21.24	21.20	22.74
GPRS 4 Tx slots	23.64	23.70	23.67	25.00	20.64	20.70	20.67	22.00
EDGE 1 Tx slot	23.64	23.72	23.69	25.00	14.64	14.72	14.69	16.00
EDGE 2 Tx slots	22.51	22.41	22.27	23.00	16.51	16.41	16.27	17.00
EDGE 3 Tx slots	20.44	20.51	20.34	21.00	16.18	16.25	16.08	16.74
EDGE 4 Tx slots	18.07	18.01	17.93	18.50	15.07	15.01	14.93	15.50

	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	812	861	810		812	861	810	
GSM1900_Ant 0	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	19.74	19.79	19.75	20.50	10.74	10.79	10.75	11.50
GPRS 1 Tx slot	19.68	19.76	19.72	20.50	10.68	10.76	10.72	11.50
GPRS 2 Tx slots	17.71	17.75	17.68	18.50	11.71	11.75	11.68	12.50
GPRS 3 Tx slots	15.69	15.77	15.74	16.50	11.43	11.51	11.48	12.24
GPRS 4 Tx slots	13.59	13.68	13.71	14.50	10.59	10.68	10.71	11.50
EDGE 1 Tx slot	13.96	13.84	13.74	16.50	6.96	6.84	6.74	7.50
EDGE 2 Tx slots	14.16	14.15	14.19	14.50	8.16	8.15	8.19	8.50
EDGE 3 Tx slots	12.23	12.15	12.08	12.50	7.97	7.89	7.82	8.24
EDGE 4 Tx slots	10.12	9.98	10.03	10.50	7.12	6.98	7.03	7.50

	WCDMA II_Ant 0			Tune-up Limit	WCDMA V_Ant 0			Tune-up Limit
	9262	9400	9538		4132	4182	4233	
TX Channel	9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Rx Channel								
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.02	15.07	15.00	15.00	21.20	21.28	21.20
3GPP Rel 99	RMCS 12.2Kbps	15.09	15.10	15.04	15.00	21.22	21.34	21.33
3GPP Rel 6	HSDPA Subtest-1	14.14	14.12	14.15	15.00	20.43	20.47	20.45
3GPP Rel 6	HSDPA Subtest-2	14.04	14.04	14.05	15.00	20.36	20.32	20.47
3GPP Rel 6	HSDPA Subtest-3	13.55	13.53	13.54	14.50	19.92	19.98	19.93
3GPP Rel 6	HSDPA Subtest-4	13.50	13.53	13.46	14.50	19.93	19.84	19.90
3GPP Rel 8	DC-HSDPA Subtest-1	14.18	14.04	14.07	15.00	20.46	20.38	20.37
3GPP Rel 8	DC-HSDPA Subtest-2	14.11	14.05	14.05	15.00	20.40	20.34	20.35
3GPP Rel 8	DC-HSDPA Subtest-3	13.45	13.45	13.44	14.50	19.90	19.93	19.89
3GPP Rel 8	DC-HSDPA Subtest-4	13.42	13.48	13.45	14.50	19.89	19.84	19.78
3GPP Rel 6	HSUPA Subtest-1	12.82	12.69	12.78	13.50	18.97	18.98	19.00
3GPP Rel 6	HSUPA Subtest-2	12.78	12.69	12.62	13.50	19.00	19.04	19.01
3GPP Rel 6	HSUPA Subtest-3	13.68	13.80	13.70	14.50	20.04	20.04	19.93
3GPP Rel 6	HSUPA Subtest-4	12.23	12.15	12.31	13.00	18.56	18.55	18.51
3GPP Rel 6	HSUPA Subtest-5	13.65	13.57	13.51	14.50	19.97	19.90	19.93
3GPP Rel 7	HSPA+ (LTCAM) Subtest-1	12.03	12.05	12.05	13.50	18.27	18.30	18.32

Band 2_Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power L1 Ch / Freq	Power L2 Ch / Freq	Power L3 Ch / Freq	Tune-up limit (dB)	MFR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	14.50	14.25	14.20	15.5	0
20	QPSK	1	49	14.50	14.25	14.20		
20	QPSK	1	99	14.20	14.26	14.22		
20	QPSK	1	149	13.90	13.96	13.92		
20	QPSK	60	24	13.37	13.50	13.36		
20	QPSK	60	50	13.26	13.31	13.21	14.5	1
20	QPSK	60	0	13.20	13.30	13.27		
20	16QAM	1	0	13.61	13.61	13.61		
20	16QAM	1	49	13.69	13.66	13.70	14.5	1
20	16QAM	1	99	13.43	13.37	13.42		
20	16QAM	60	0	13.30	13.30	13.27		
20	16QAM	60	24	12.38	12.32	12.32	13.5	2
20	16QAM	60	50	12.24	12.34	12.24		
20	16QAM	100	0	12.24	12.34	12.24		
20	16QAM	1	0	12.41	12.38	12.33		
20	16QAM	1	49	12.35	12.37	12.30	13.5	2
20	16QAM	1	99	12.20	12.18	12.28		
20	16QAM	60	0	11.51	11.50	11.48		
20	16QAM	60	24	11.50	11.50	11.50	12.5	3
20	16QAM	60	50	11.50	11.50	11.50		
20	16QAM	100	0	11.21	11.30	11.21		
Channel								
Frequency (MHz)								
15	QPSK	1	0	14.02	14.13	14.14		
15	QPSK	1	37	14.30	14.31	14.26	15.5	0
15	QPSK	1	74	14.18	14.11	14.17		
15	QPSK	36	0	13.20	13.20	13.27		
15	QPSK	36	20	13.29	13.30	13.21	14.5	1
15	QPSK	36	39	13.20	13.20	13.27		
15	QPSK	75	0	13.21	13.20	13.13		
15	16QAM	1	0	13.46	13.44	13.38		
15	16QAM	1	37	13.35	13.32	13.38	14.5	1
15	16QAM	1	74	13.41	13.32	13.30		
15	16QAM	36	0	12.35	12.34	12.28		
15	16QAM	36	20	12.29	12.24	12.31	13.5	2
15	16QAM	36	39	12.31	12.26	12.15		
15	16QAM	75	0	12.15	12.27	12.23		
15	16QAM	1	0	12.44	12.40	12.47		
15	16QAM	1	37	12.44	12.50	12.48	13.5	2
15	16QAM	1	74	12.16	12.54	12.19		
15	16QAM	36	0	11.50	11.50	11.51		
15	16QAM	36	20	11.21	11.23	11.27	12.5	3
15	16QAM	36	39	11.18	11.18	11.22		
15	16QAM	75	0	11.14	11.26	11.14		
Channel								
Frequency (MHz)								
10	QPSK	1	0	14.02	14.13	14.14		
10	QPSK	1	25	14.32	14.38	14.24	15.5	0
10	QPSK	1	49	14.06	14.12	14.15		
10	QPSK	6	0	13.31	13.30	13.28		
10	QPSK	25	12	13.20	13.21	13.28		
10	QPSK	25	13	13.21	13.20	13.28	14.5	1
10	QPSK	60	0	13.15	13.21	13.12		
10	QPSK	60	0	13.21	13.20	13.27		
10	16QAM	1	25	13.63	13.62	13.68	14.5	1
10	16QAM	1	49	13.20	13.21	13.21		
10	16QAM	25	0	12.27	12.27	12.21		
10	16QAM	25	12	12.20	12.20	12.17	13.5	2
10	16QAM	25	13	12.19	12.20	12.17		
10	16QAM	50	0	12.21	12.26	12.15		
10	16QAM	1	0	12.35	12.35	12.21		
10	16QAM	1	25	12.44	12.54	12.38	13.5	2
10	16QAM	1	49	12.20	12.20	12.21		
10	16QAM	25	0	11.21	11.22	11.25		
10	16QAM	25	12	11.20	11.19	11.20	12.5	3
10	16QAM	25	13	11.15	11.12	11.20		
10	16QAM	50	0	11.14	11.22	11.09		
Channel								
Frequency (MHz)								
5	QPSK	1	0	14.02	14.13	14.14		
5	QPSK	1	12	14.26	14.30	14.34	15.5	0
5	QPSK	1	24	14.14	14.21	14.14		
5	QPSK	12	0	13.52	13.50	13.52		
5	QPSK	12	7	13.27	13.31	13.23	14.5	1
5	QPSK	12	13	13.27	13.30	13.21		
5	QPSK	25	0	13.25	13.20	13.20		
5	16QAM	1	0	13.57	13.59	13.50		
5	16QAM	1	12	13.50	13.57	13.50	14.5	1
5	16QAM	1	24	13.31	13.30	13.31		
5	16QAM	12	0	12.29	12.25	12.21		
5	16QAM	12	7	12.19	12.27	12.19	13.5	2
5	16QAM	12	13	12.19	12.27	12.08		
5	16QAM	25	0	12.16	12.19	12.21		
5	16QAM	15	0	12.31	12.35	12.22		
5	16QAM	1	12	12.45	12.42	12.40	13.5	2
5	16QAM	1	24	12.19	12.26	12.19		
5	16QAM	12	0	11.20	11.22	11.20		
5	16QAM	12	7	11.15	11.24	11.28	12.5	3
5	16QAM	12	13	11.13	11.24	11.03		
5	16QAM	25	0	11.02	11.15	11.14		
Channel								
Frequency (MHz)								
3	QPSK	1	0	14.13	14.16	14.10		
3	QPSK	1	8	14.49	14.35	14.22	15.5	0
3	QPSK	1	14	14.14	14.21	14.14		
3	QPSK	8	0	13.31	13.32	13.30		
3	QPSK	8	6	13.20	13.20	13.31		
3	QPSK	8	7	13.24	13.20	13.13	14.5	1
3	QPSK	15	0	13.25	13.20	13.20		
3	16QAM	1	0	13.56	13.56	13.49	14.5	1
3	16QAM	1	14	13.35	13.35	13.30		
3	16QAM	8	0	12.17	12.34	12.24		
3	16QAM	8	4	12.21	12.26	12.19	13.5	2
3	16QAM	8	7	12.21	12.19	12.14		
3	16QAM	15	0	12.10	12.20	12.10		
3	16QAM	1	8	12.38	12.37	12.22		
3	16QAM	1	8	12.42	12.36	12.40	13.5	2
3	16QAM	1	14	12.10	12.08	12.21		
3	16QAM	8	0	11.27	11.32	11.17		
3	16QAM	8	4	11.31	11.24	11.28	12.5	3
3	16QAM	8	7	11.04	11.17	11.05		
3	16QAM	15	0	11.14	11.25	11.13		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	14.20	14.03	14.07		
1.4	QPSK	1	0	14.25	14.34	14.20		
1.4	QPSK	1	0	14.20	14.37	14.10	15.5	0
1.4	QPSK	3	0	14.52	14.25	14.31		
1.4	QPSK	3	1	14.53	14.53	14.16		
1.4	QPSK	3	3	14.54	14.53	14.27		
1.4	QPSK	6	0	13.26	13.20	13.30	14.5	1
1.4	16QAM	1	0	13.49	13.45	13.49		
1.4	16QAM	1	0	13.25	13.33	13.44		
1.4	16QAM	1	5	13.35	13.54	13.25	14.5	1
1.4	16QAM	3	0	13.29	13.45	13.30		
1.4	16QAM	3	1	13.25	13.37	13.33		
1.4	16QAM	3	3	13.41	13.36	13.37	13.5	2
1.4	16QAM	6	0	12.54	12.34	12.35		
1.4	16QAM	1	0	12.35	12.58	12.44		
1.4	16QAM	1	0	12.60	12.57	12.53		
1.4	16QAM	1	5	12.51	12.31	12.41	13.5	2
1.4	16QAM	1	5	12.54	12.38	12.40		
1.4	16QAM	3	1	12.47	12.55	12.52		
1.4	16QAM	3	3	12.23	12.54	12.41	12.5	3
1.4	16QAM	6	0	11.49	11.50	11.40		

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 20400	Power Middle Ch / Freq 20400	Power High Ch / Freq 20400	T ₁ (ms) (dBm)	MFR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	21.50	21.84	21.84		
10	QPSK	1	24	21.34	21.81	21.87	23	0
10	QPSK	1	49	21.81	21.77	21.79		
10	QPSK	25	0	20.97	20.87	20.90		
10	QPSK	25	12	20.95	20.99	20.92	22	1
10	QPSK	25	20	20.92	20.83	20.86		
10	QPSK	25	24	20.98	20.89	20.87		
10	16QAM	1	0	21.17	21.16	21.11		
10	16QAM	1	24	21.30	21.22	21.20	21	2
10	16QAM	1	49	21.12	21.13	21.10		
10	16QAM	25	0	19.91	19.93	19.90		
10	16QAM	25	12	19.92	19.93	19.94	21	2
10	16QAM	25	20	19.96	19.91	19.96		
10	16QAM	50	0	19.93	19.91	19.90		
10	16QAM	1	0	20.91	20.97	19.99		
10	16QAM	1	24	20.17	20.14	20.14	21	2
10	16QAM	1	49	20.11	20.04	20.03		
10	16QAM	25	0	19.91	19.94	19.96		
10	16QAM	25	12	19.89	19.91	19.93	20	3
10	16QAM	25	20	19.97	19.89	19.94		
10	16QAM	50	0	18.93	18.89	18.92		
Channel								
Frequency (MHz)								
5	QPSK	1	0	21.58	21.73	21.74		
5	QPSK	1	12	21.82	21.84	21.73	23	0
5	QPSK	1	49	21.81	21.77	21.79		
5	QPSK	12	0	20.80	20.83	20.88		
5	QPSK	12	7	20.80	20.84	20.83	22	1
5	QPSK	12	13	20.85	20.89	20.73		
5	QPSK	26	0	20.17	20.77	20.86		
5	QPSK	26	12	21.11	21.04	21.05	22	1
5	QPSK	1	12	21.19	21.13	21.06		
5	QPSK	1	24	21.08	21.08	21.05		
5	QPSK	12	0	19.85	19.92	19.90		
5	QPSK	12	7	19.84	19.80	19.85	21	2
5	QPSK	12	13	19.92	19.87	19.79		
5	QPSK	26	0	19.89	19.81	19.81	21	2
5	QPSK	1	0	19.90	20.01	19.84		
5	QPSK	1	12	20.06	20.07	20.11	21	2
5	QPSK	1	24	20.08	19.95	19.95		
5	QPSK	12	0	18.87	18.88	18.91		
5	QPSK	12	7	18.85	18.82	18.85	20	3
5	QPSK	12	13	18.95	18.86	18.80		
5	QPSK	26	0	18.79	18.75	18.80		
Channel								
Frequency (MHz)								
3	QPSK	1	0	20.15	20.92	20.96		
3	QPSK	1	8	20.86	21.81	21.68	23	0
3	QPSK	1	16	21.83	21.86	21.80		
3	QPSK	1	24	21.71	21.82	21.82		
3	QPSK	8	0	20.83	20.87	20.88		
3	QPSK	8	4	20.87	20.89	20.87	22	1
3	QPSK	8	7	20.88	20.70	20.72		
3	QPSK	16	0	19.79	19.84	19.87		
3	16QAM	1	0	21.03	21.09	21.04	22	1
3	16QAM	1	8	21.81	21.87	21.81		
3	16QAM	1	14	21.09	21.19	21.08		
3	16QAM	8	0	19.81	19.87	19.80		
3	16QAM	8	4	19.82	19.88	19.88	21	2
3	16QAM	8	7	19.85	19.86	19.81		
3	16QAM	16	0	18.87	18.80	18.85		
3	16QAM	1	0	20.06	20.09	20.02	20	0
3	16QAM	1	8	20.06	20.06	20.06		
3	16QAM	1	14	20.06	20.01	20.01		
3	16QAM	8	0	18.76	18.85	18.84		
3	16QAM	8	4	18.81	18.84	18.79	20	3
3	16QAM	8	7	18.85	18.80	18.81		
3	16QAM	16	0	18.82	18.80	18.83		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	21.55	21.49	21.60		
1.4	QPSK	1	0	21.55	21.65	21.63	23	0
1.4	QPSK	1	0	21.55	21.41	21.56		
1.4	QPSK	3	0	21.70	21.65	21.64		
1.4	QPSK	3	0	21.73	21.77	21.77		
1.4	QPSK	3	3	21.68	21.61	21.66		
1.4	16QAM	1	0	20.59	20.55	20.55	22	1
1.4	16QAM	1	0	20.75	20.71	20.80		
1.4	16QAM	1	0	20.61	20.57	20.67		
1.4	16QAM	1	5	20.70	20.78	21.14	22	1
1.4	16QAM	3	0	20.78	20.67	20.65		
1.4	16QAM	3	0	20.58	20.58	20.58		
1.4	16QAM	3	3	20.55	20.69	20.50		
1.4	16QAM	3	3	19.74	19.72	19.74	21	2
1.4	16QAM	1	0	19.51	19.83	19.88		
1.4	16QAM	1	0	19.56	19.74	19.88		
1.4	16QAM	1	5	19.76	19.50	19.89	21	2
1.4	16QAM	1	5	19.79	19.79	19.79		
1.4	16QAM	1	5	19.76	19.74	19.81		
1.4	16QAM	3	3	19.82	19.74	19.67		
1.4	16QAM	3	3	19.80	19.65	19.65	20	3

LTE Band 38_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)							Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	13.20	13.24	13.24	14.5	0
20	QPSK	1	49	13.30	13.38	13.29		
20	QPSK	1	99	13.06	13.20	13.07		
20	QPSK	60	0	12.04	12.10	12.06		
20	QPSK	60	24	12.06	12.20	12.12	13.5	1
20	QPSK	60	50	12.04	12.16	12.05		
20	QPSK	100	0	12.05	12.17	12.10		
20	16QAM	1	0	12.05	12.13	12.10		
20	16QAM	1	49	12.02	12.24	12.16	13.5	1
20	16QAM	1	99	12.06	12.11	11.98		
20	16QAM	60	0	11.25	11.21	11.10		
20	16QAM	60	24	11.01	11.17	11.07		
20	16QAM	60	50	11.23	11.22	11.09	12.5	2
20	16QAM	100	0	11.07	11.12	11.03		
20	64QAM	1	0	11.08	11.21	11.05		
20	64QAM	1	49	11.01	11.15	10.96		
20	64QAM	1	99	11.20	11.20	11.22	12.5	2
20	64QAM	60	0	10.09	10.23	10.05		
20	64QAM	60	24	10.17	10.26	10.25		
20	64QAM	60	50	10.03	10.25	10.10		
20	64QAM	100	0	10.28	10.25	10.25	11.5	3
Channel Frequency (MHz)								
15	QPSK	1	0	13.15	13.21	13.23	14.5	0
15	QPSK	1	37	13.27	13.34	13.23		
15	QPSK	1	74	13.04	13.17	12.93		
15	QPSK	36	0	12.01	12.09	11.97		
15	QPSK	36	20	11.97	12.18	12.04	13.5	1
15	QPSK	36	39	11.96	12.03	12.04		
15	QPSK	75	0	11.90	12.09	12.08		
15	16QAM	1	0	11.94	12.03	12.09		
15	16QAM	1	37	11.86	12.11	12.13	13.5	1
15	16QAM	1	74	12.05	12.05	11.84		
15	16QAM	36	0	11.20	11.13	11.07		
15	16QAM	36	20	10.99	11.04	10.93		
15	16QAM	36	39	11.19	11.08	10.95	12.5	2
15	16QAM	75	0	10.97	11.01	10.94		
15	64QAM	1	0	11.06	11.10	11.02		
15	64QAM	1	37	10.90	11.14	10.82		
15	64QAM	1	74	11.05	11.06	11.17	12.5	2
15	64QAM	36	0	9.96	10.12	9.95		
15	64QAM	36	20	10.05	10.25	10.11		
15	64QAM	36	39	9.88	10.16	10.03		
15	64QAM	75	0	10.17	10.17	10.21	11.5	3
Channel Frequency (MHz)								
10	QPSK	1	0	13.06	13.17	13.16	14.5	0
10	QPSK	1	25	13.19	13.33	13.26		
10	QPSK	1	49	12.94	13.05	12.93		
10	QPSK	25	0	11.93	12.07	11.97		
10	QPSK	25	12	11.97	12.15	12.03	13.5	1
10	QPSK	25	25	11.95	12.10	11.97		
10	QPSK	50	0	12.03	12.08	11.98		
10	16QAM	1	0	12.00	12.11	11.95		
10	16QAM	1	25	11.99	12.15	12.13	13.5	1
10	16QAM	1	49	12.03	12.02	11.84		
10	16QAM	25	0	11.10	11.13	11.06		
10	16QAM	25	12	10.99	11.07	11.02		
10	16QAM	25	25	11.14	11.09	11.04	12.5	2
10	16QAM	50	0	10.95	11.11	10.89		
10	64QAM	1	0	11.01	11.18	10.91		
10	64QAM	1	25	10.97	11.12	10.87		
10	64QAM	1	49	11.14	11.05	11.14	12.5	2
10	64QAM	25	0	9.94	10.16	9.90		
10	64QAM	25	12	10.11	10.25	10.20		
10	64QAM	25	25	10.00	10.12	9.96		
10	64QAM	50	0	10.26	10.22	10.23	11.5	3
Channel Frequency (MHz)								
5	QPSK	1	0	13.19	13.13	13.17	14.5	0
5	QPSK	1	12	13.19	13.24	13.16		
5	QPSK	1	24	13.05	13.08	12.94		
5	QPSK	12	0	11.90	12.03	12.02		
5	QPSK	12	7	11.97	12.12	12.06	13.5	1
5	QPSK	12	13	12.03	12.01	11.90		
5	QPSK	25	0	12.01	12.06	12.03		
5	16QAM	1	0	11.92	11.99	12.07		
5	16QAM	1	12	12.00	12.16	12.09	13.5	1
5	16QAM	1	24	11.93	12.06	11.96		
5	16QAM	12	0	11.16	11.18	10.96		
5	16QAM	12	7	10.90	11.08	10.94		
5	16QAM	12	13	11.19	11.13	10.95	12.5	2
5	16QAM	25	0	11.05	10.97	10.94		
5	64QAM	1	0	11.03	11.20	11.03		
5	64QAM	1	12	10.88	11.13	10.86		
5	64QAM	1	24	11.08	11.12	11.20	12.5	2
5	64QAM	12	0	10.00	10.12	9.94		
5	64QAM	12	7	10.08	10.22	10.16		
5	64QAM	12	13	9.97	10.16	10.06		
5	64QAM	25	0	10.27	10.11	10.14	11.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Low Ch./ Freq.	Power Middle High Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	0	13.24	13.22	13.15	13.09	14.5	0
20	QPSK	1	49	13.40	13.30	13.26	13.15		
20	QPSK	1	99	13.26	13.21	13.14	13.11		
20	QPSK	50	0	12.17	11.97	12.03	11.87		
20	QPSK	50	24	12.19	12.10	12.08	11.92	13.5	1
20	QPSK	50	50	12.11	11.99	12.07	11.77		
20	QPSK	100	0	12.12	12.09	12.03	12.00		
20	16QAM	1	0	12.00	11.95	11.97	11.92		
20	16QAM	1	49	12.02	12.08	12.01	11.90	13.5	1
20	16QAM	1	99	11.98	12.02	11.94	11.88		
20	16QAM	50	0	11.14	10.98	10.88	10.83		
20	16QAM	50	24	11.17	11.10	11.03	10.92	12.5	2
20	16QAM	50	50	11.07	11.03	10.96	10.84		
20	16QAM	100	0	11.08	10.95	10.90	10.83		
20	64QAM	1	0	11.06	11.04	10.98	10.85		
20	64QAM	1	49	11.04	11.07	10.93	10.91	12.5	2
20	64QAM	1	99	11.06	11.03	10.97	10.90		
20	64QAM	50	0	10.10	10.01	9.93	9.85		
20	64QAM	50	24	10.09	10.07	9.95	9.89	11.5	3
20	64QAM	50	50	10.04	10.04	9.83	9.80		
20	64QAM	100	0	10.10	10.00	9.81	9.80		
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	13.09	13.19	13.04	13.04	14.5	0
15	QPSK	1	37	13.30	13.21	13.22	13.01		
15	QPSK	1	74	13.23	13.08	13.12	13.00		
15	QPSK	36	0	12.09	11.86	11.91	11.82		
15	QPSK	36	20	12.04	12.09	12.02	11.88	13.5	1
15	QPSK	36	39	12.04	11.98	12.02	11.72		
15	QPSK	75	0	12.00	11.90	11.90	11.84		
15	16QAM	1	0	11.91	11.89	11.84	11.90		
15	16QAM	1	37	11.96	11.90	11.86	11.88	13.5	1
15	16QAM	1	74	11.89	11.90	11.92	11.80		
15	16QAM	36	0	11.04	10.96	10.79	10.72		
15	16QAM	36	20	11.14	11.03	10.96	10.88	12.5	2
15	16QAM	36	39	11.01	10.90	10.95	10.77		
15	16QAM	75	0	11.03	10.80	10.88	10.73		
15	64QAM	1	0	11.04	11.02	10.97	10.70		
15	64QAM	1	37	10.95	11.02	10.88	10.82	12.5	2
15	64QAM	1	74	11.03	11.02	10.87	10.85		
15	64QAM	36	0	10.01	9.95	9.82	9.80		
15	64QAM	36	20	10.10	9.95	9.91	9.85		
15	64QAM	36	39	9.98	9.93	9.79	9.73	11.5	3
15	64QAM	75	0	10.02	9.92	9.73	9.73		
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	13.10	13.11	13.04	12.96	14.5	0
10	QPSK	1	25	13.27	13.26	13.27	13.08		
10	QPSK	1	49	13.16	13.07	13.13	13.02		
10	QPSK	25	0	12.12	11.96	11.98	11.85		
10	QPSK	25	12	12.18	12.01	11.93	11.81	13.5	1
10	QPSK	25	25	11.99	11.86	11.99	11.75		
10	QPSK	50	0	12.01	11.96	11.90	11.94		
10	16QAM	1	0	11.91	11.89	11.87	11.79		
10	16QAM	1	25	11.87	11.98	11.93	11.88	13.5	1
10	16QAM	1	49	11.90	12.00	11.87	11.84		
10	16QAM	25	0	11.00	10.94	10.73	10.78		
10	16QAM	25	12	11.15	11.04	10.98	10.88	12.5	2
10	16QAM	25	25	10.96	10.91	10.85	10.78		
10	16QAM	50	0	10.96	10.87	10.81	10.73		
10	64QAM	1	0	11.01	10.93	10.96	10.71		
10	64QAM	1	25	10.93	10.96	10.82	10.90	12.5	2
10	64QAM	1	49	10.93	10.91	10.88	10.83		
10	64QAM	25	0	9.97	9.98	9.94	9.71		
10	64QAM	25	12	10.08	10.01	9.83	9.77	11.5	3
10	64QAM	25	25	9.92	9.91	9.74	9.78		
10	64QAM	50	0	9.97	9.98	9.79	9.77		
Channel Frequency (MHz)								Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	13.23	13.13	13.06	13.04	14.5	0
5	QPSK	1	24	13.26	13.26	13.26	13.07		
5	QPSK	1	48	13.15	13.10	13.02	13.03		
5	QPSK	12	0	12.09	11.89	11.88	11.76		
5	QPSK	12	7	12.16	11.95	12.01	11.90	13.5	1
5	QPSK	12	11	11.96	12.06	12.06	11.70		
5	QPSK	12	0	12.00	12.00	11.99	11.87		
5	16QAM	1	0	11.98	11.83	11.91	11.82		
5	16QAM	1	12	11.94	11.96	11.86	11.80	13.5	1
5	16QAM	1	24	11.88	12.01	11.89	11.73		
5	16QAM	12	0	11.10	10.92	10.80	10.78		
5	16QAM	12	7	11.13	11.09	10.93	10.87	12.5	2
5	16QAM	12	11	11.02	10.95	10.80	10.74		
5	16QAM	25	0	11.03	10.94	10.89	10.78		
5	64QAM	1	0	10.92	10.98	10.87	10.77		
5	64QAM	1	12	10.94	11.00	10.92	10.80	12.5	2
5	64QAM	1	24	11.04	10.92	10.86	10.89		
5	64QAM	12	0	9.97	9.97	9.88	9.81		
5	64QAM	12	7	10.06	9.99	9.90	9.78	11.5	3
5	64QAM	12	11	9.94	9.91	9.75	9.78		
5	64QAM	25	0	10.08	9.87	9.80	9.78		

2.4GHz WLAN Ant		Full			Receiver on		Hotspot		Sensor on			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Duty Cycle (%)	
		19.200	20.00	14.50	15.50	16.50	17.00	18.00	17.00			
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.70	20.00	14.50	15.50	16.50	17.00	18.00	17.00	100.00
		6	2437	18.70	20.00	14.50	15.50	16.00	17.00	16.00	17.00	
		11	2462	18.80	20.00	14.50	15.50	16.00	17.00	16.00	17.00	
	802.11g 6Mbps	1	2412	16.50	18.50	15.50	17.00	17.00	17.00		97.22	
		6	2437	18.30	20.00	15.50	17.00	17.00	17.00			
		11	2462	16.50	18.00	15.50	17.00	17.00	17.00			
	802.11n-HT20 MCS0	1	2412	16.60	18.50	15.50	17.00	17.00	17.00		96.30	
		6	2437	18.40	20.00	15.50	17.00	17.00	17.00			
		11	2462	16.50	18.00	15.50	17.00	17.00	17.00			
	802.11n-HT40 MCS0	3	2422	13.70	15.50	15.50	16.50	15.50	15.50		93.53	
		5	2432	14.00	16.50	15.50	16.50	16.50	16.50			
		6	2437	16.00	18.50	15.50	17.00	17.00	17.00			
		7	2442	15.00	17.00	15.50	17.00	17.00	17.00			
		3	2427	13.00	15.00	15.00	15.00	15.00	15.00			
		5	2432	13.00	15.00	15.00	15.00	15.00	15.00			

<WLAN 5GHz>

5.2GHz WLAN Ant			Full		Receiver on		Hotspot		Sensor on			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle (%)	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.54	19.50	17.54	19.50	14.50	14.50	14.50	96.53	
		40	5200	17.53	19.50	17.53	19.50	14.50	14.50	14.50		
		44	5220	17.59	19.50	17.59	19.50	14.50	14.50	14.50		
		48	5240	17.83	19.50	17.83	19.50	14.50	14.50	14.50		
	802.11n-HT20 MCS0	36	5180	17.67	19.50	17.67	19.50	14.50	14.50	14.50	97.01	
		40	5200	17.55	19.50	17.55	19.50	14.50	14.50	14.50		
		44	5220	17.59	19.50	17.59	19.50	14.50	14.50	14.50		
		48	5240	17.84	19.50	17.84	19.50	14.50	14.50	14.50		
	802.11n-VHT40 MCS0	36	5180	15.65	17.50	15.65	17.50	Not Required	14.50	Required	14.50	93.53
		40	5200	16.66	18.50	16.66	18.50	14.50	14.50	14.50		
		44	5220	19.50	19.50	19.50	19.50	14.50	14.50	14.50		
		48	5240	19.50	19.50	19.50	19.50	14.50	14.50	14.50		
	802.11ac-VHT20 MCS0	36	5180	Not Required	17.50	Not Required	17.50	14.50	14.50	14.50	96.58	
		40	5200	19.50	19.50	19.50	19.50	14.50	14.50	14.50		
		44	5220	19.50	19.50	19.50	19.50	14.50	14.50	14.50		
		48	5240	Required	19.50	Required	19.50	14.50	14.50	14.50		
802.11ac-VHT40 MCS0	36	5180	Not Required	17.50	17.50	14.50	14.50	14.50	14.50	93.54		
40	5200	18.50	18.50	18.50	18.50	14.50	14.50	14.50				
802.11ac-VHT80 MCS0	42	5210	14.18	16.00	14.18	16.00	12.70	14.50	12.70	14.50	87.80	

5.3GHz WLAN Ant 5			Full		Receiver on		Sensor on		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a Mbps	52	5280	17.73	19.50	17.73	19.50	14.50	96.53
		56	5280	17.65	19.50	17.65	19.50	14.50	
		60	5320	17.74	19.50	17.74	19.50	14.50	
		64	5320	17.35	19.00	17.35	19.00	14.50	
	802.11n-HT20 MCS0	52	5280	17.58	19.50	17.58	19.50	14.50	97.01
		56	5280	17.58	19.50	17.56	19.50	14.50	
		60	5300	17.54	19.50	17.54	19.50	14.50	
		64	5320	17.21	19.00	17.21	19.00	14.50	
	802.11n-HT40 MCS0	54	5270	16.59	18.50	16.59	19.50	14.50	93.53
		52	5310	15.14	17.00	15.14	17.00	14.50	
		52	5260					14.50	
		56	5280					14.50	
	802.11ac-VHT20 MCS0	56	5280		19.50		19.50	14.50	96.58
		60	5300	Not Required		Not Required	19.50	14.50	
		64	5320				19.00	14.50	
		54	5270		19.50		18.50	14.50	
802.11ac-VHT40 MCS0	54	5270				18.50	14.50	93.54	
	62	5310		17.00			14.50		
802.11ac-VHT80 MCS0	58	5290	13.66	15.50	13.66	15.50	12.66	14.50	87.80

5.5GHz WLAN Ant 5			Full		Receiver on		Sensor on		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	
802.11a 6Mbps	100	5200	16.78	18.50	Not Required	15.50	Not Required	14.50	96.53
	116	5380	17.71	19.50		15.50		14.50	
	124	5620	17.68	19.50		15.50		14.50	
	136	5680	17.67	19.50		15.50		14.50	
	140	5700	14.00	15.50		15.50		14.50	
	144	5720	17.72	19.50		15.50		14.50	
	100	5500	16.21	18.00		15.50		14.50	
	116	5580	17.64	19.50		15.50		14.50	
	124	5620	17.60	19.50		15.50		14.50	
	136	5680	17.69	19.50		15.50		14.50	
	140	5700	14.47	16.50		15.50		14.50	
	144	5720	17.73	19.50		15.50		14.50	
802.11n-HT20 MCS0	102	5510	14.50	16.50	Not Required	15.50	Not Required	14.50	97.01
	110	5550	16.67	18.50		15.50		14.50	
	126	5630	15.28	17.00		15.50		14.50	
	134	5670	15.31	17.00		15.50		14.50	
	142	5710	16.82	18.50		15.50		14.50	
	100	5500	18.00	15.50		14.50			
	116	5580	19.50	15.50		14.50			
	124	5620	19.50	15.50		14.50			
	136	5680	19.50	15.50		14.50			
	140	5700	19.50	15.50		14.50			
	144	5720	19.50	15.50		14.50			
	102	5510	16.00	15.50		14.50			
802.11n-HT40 MCS0	110	5550	18.50	15.50	Not Required	15.50	Not Required	14.50	93.53
	126	5630	15.28	17.00		15.50		14.50	
	134	5670	15.31	17.00		15.50		14.50	
	142	5710	16.82	18.50		15.50		14.50	
	100	5500	18.00	15.50		14.50			
	116	5580	19.50	15.50		14.50			
	124	5620	19.50	15.50		14.50			
	136	5680	19.50	15.50		14.50			
	140	5700	19.50	15.50		14.50			
	144	5720	19.50	15.50		14.50			
	102	5510	16.00	15.50		14.50			
	802.11ac-VHT20 MCS0	110	5550	18.50		15.50		Not Required	
126		5630	15.28	17.00	15.50	14.50			
134		5670	15.31	17.00	15.50	14.50			
142		5710	16.82	18.50	15.50	14.50			
100		5500	18.00	15.50	14.50				
116		5580	19.50	15.50	14.50				
124		5620	19.50	15.50	14.50				
136		5680	19.50	15.50	14.50				
140		5700	19.50	15.50	14.50				
144		5720	19.50	15.50	14.50				
102		5510	16.00	15.50	14.50				
802.11ac-VHT40 MCS0		110	5550	18.50	15.50	Not Required	15.50		Not Required
	126	5630	15.28	17.00	15.50		14.50		
	134	5670	15.31	17.00	15.50		14.50		
	142	5710	16.82	18.50	15.50		14.50		
	100	5500	18.00	15.50	14.50				
	116	5580	19.50	15.50	14.50				
	124	5620	19.50	15.50	14.50				
	136	5680	19.50	15.50	14.50				
	140	5700	19.50	15.50	14.50				
	144	5720	19.50	15.50	14.50				
	102	5510	16.00	15.50	14.50				
	802.11ac-VHT80 MCS0	110	5550	13.63	15.50		13.63	15.50	
126		5610	15.80	17.50	14.06	15.50	13.88	14.50	
136		5690	15.80	17.50	14.20	15.50	12.86	14.50	

5.8GHz WLAN Ant				Full		Receiver on		Holoplot		Sensor on	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.62	19.50	14.50	13.00	13.00	13.00	13.00	
		157	5785	17.74	19.50	14.50	13.00	13.00	13.00	96.53	
		165	5825	17.69	19.50	14.50	13.00	13.00	13.00		
	802.11n-HT20 MCS0	149	5745	17.84	19.50	14.50	13.00	13.00	13.00	13.00	
		157	5785	17.76	19.50	14.50	13.00	13.00	13.00	13.00	97.01
		165	5825	17.72	19.50	14.50	13.00	13.00	13.00	13.00	
	802.11n-HT40 MCS0	151	5755	16.87	18.50	Not Required	Not Required	13.00	Not Required	13.00	93.53
		159	5795	16.80	18.50	14.50	13.00	13.00	13.00	13.00	
		149	5745	17.92	19.50	14.50	13.00	13.00	13.00	13.00	
	802.11ac-VHT20 MCS0	157	5785	17.82	19.50	14.50	13.00	13.00	13.00	13.00	96.58
		165	5825	17.83	19.50	14.50	13.00	13.00	13.00	13.00	
		151	5755	16.78	18.50	14.50	13.00	13.00	13.00	13.00	
802.11ac-VHT40 MCS0	159	5795	16.76	18.50	14.50	13.00	13.00	13.00	13.00	93.54	
	155	5775	15.76	17.50	12.90	11.33	13.00	11.33	13.00	87.80	

<Bluetooth>			Ant 5		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.40	8.50	8.50
	CH 39	2441	10.00	8.50	8.50
	CH 78	2480	10.00	8.00	8.00
	Tuneup Limit		12	10	10

BLE			Ant 5	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.00	1.50
	CH 19	2440	2.80	2.70
	CH 39	2480	1.00	1.50
	Tuneup Limit		4.5	4.5