



Full Power Mode

<GSM Power State>

GSM900_Ant1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	169	251		128	169	251	
TX Channel	128	169	251	Limit	128	169	251	Limit
Frequency (MHz)	832.2	834.6	836.8	(dBm)	832.2	834.6	836.8	(dBm)
GSM 1 Tx slot	32.18	32.14	32.17	33.50	23.18	23.14	23.17	24.50
GPRS 1 Tx slot	32.17	32.11	32.16	33.50	23.17	23.11	23.16	24.50
GPRS 2 Tx slot	31.71	31.62	31.68	33.00	22.71	22.62	22.68	27.00
GPRS 3 Tx slot	30.31	30.14	30.18	31.50	20.05	20.08	20.02	27.24
GPRS 4 Tx slot	28.88	28.79	28.81	30.50	25.88	25.79	25.81	27.50
EDGE 1 Tx slot	26.89	26.84	26.96	28.00	17.89	17.84	17.96	19.00
EDGE 2 Tx slot	26.17	25.93	25.85	27.00	20.17	19.93	19.85	21.00
EDGE 3 Tx slot	24.12	23.80	23.78	24.50	18.86	18.54	18.52	20.24
EDGE 4 Tx slot	22.87	22.63	22.62	23.50	18.67	18.63	18.62	20.50

GSM1900_Ant1	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1852.2	1853.9	1855.6	(dBm)	1852.2	1853.9	1855.6	(dBm)
GSM 1 Tx slot	29.41	29.38	29.44	30.50	20.41	20.38	20.44	21.50
GPRS 1 Tx slot	29.43	29.41	29.43	30.50	20.43	20.41	20.43	21.50
GPRS 2 Tx slot	28.91	28.93	28.97	30.00	22.91	22.93	22.97	24.00
GPRS 3 Tx slot	27.46	27.47	27.56	28.50	23.20	23.21	23.30	24.24
GPRS 4 Tx slot	26.38	26.39	26.40	27.50	23.38	23.39	23.40	24.50
EDGE 1 Tx slot	26.14	26.12	26.13	27.50	17.14	17.12	17.13	18.50
EDGE 2 Tx slot	25.40	25.30	25.30	26.50	19.40	19.30	19.30	20.50
EDGE 3 Tx slot	23.51	23.50	23.42	24.50	19.25	19.24	19.16	20.24
EDGE 4 Tx slot	22.41	22.40	22.45	23.50	18.41	18.40	18.45	20.50

GSM900_Ant2	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	128	169	251		128	169	251	
TX Channel	128	169	251	Limit	128	169	251	Limit
Frequency (MHz)	832.2	834.6	836.8	(dBm)	832.2	834.6	836.8	(dBm)
GSM 1 Tx slot	31.25	31.21	31.12	33.00	22.25	22.21	22.12	24.00
GPRS 1 Tx slot	31.28	31.25	31.08	33.00	22.28	22.25	22.08	24.00
GPRS 2 Tx slot	30.57	30.55	30.38	32.00	24.57	24.55	24.38	26.00
GPRS 3 Tx slot	29.33	29.28	29.12	30.00	25.07	25.02	24.86	25.74
GPRS 4 Tx slot	27.86	27.82	27.86	29.00	24.86	24.82	24.68	26.00
EDGE 1 Tx slot	26.57	26.45	26.47	26.00	17.57	17.45	17.47	18.00
EDGE 2 Tx slot	25.41	25.44	25.34	27.00	19.41	19.44	19.34	21.00
EDGE 3 Tx slot	23.59	23.41	23.54	25.00	19.33	19.15	19.28	20.74
EDGE 4 Tx slot	22.63	22.24	22.34	23.00	18.63	18.24	18.34	20.00

GSM1900_Ant2	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	512 <td>661 <td>810</td> <td>Limit</td> <td>512 <td>661 <td>810</td> <td>Limit</td> </td></td></td>	661 <td>810</td> <td>Limit</td> <td>512 <td>661 <td>810</td> <td>Limit</td> </td></td>	810	Limit	512 <td>661 <td>810</td> <td>Limit</td> </td>	661 <td>810</td> <td>Limit</td>	810	Limit
Frequency (MHz)	1852.2	1853.9	1855.6	(dBm)	1852.2	1853.9	1855.6	(dBm)
GSM 1 Tx slot	27.45	27.45	27.49	29.00	18.45	18.45	18.49	20.00
GPRS 1 Tx slot	27.43	27.45	27.48	29.00	18.43	18.45	18.48	20.00
GPRS 2 Tx slot	26.75	26.78	26.85	28.00	20.75	20.78	20.85	22.00
GPRS 3 Tx slot	25.59	25.51	25.50	26.00	21.24	21.25	21.34	21.74
GPRS 4 Tx slot	24.07	24.11	24.15	25.00	21.07	21.11	21.15	22.00
EDGE 1 Tx slot	24.97	25.00	24.90	26.00	15.97	16.00	15.90	17.00
EDGE 2 Tx slot	24.17	24.16	24.13	25.00	18.17	18.16	18.13	19.00
EDGE 3 Tx slot	22.20	22.27	22.33	23.00	17.94	18.01	18.07	18.74
EDGE 4 Tx slot	21.50	21.27	21.32	22.00	18.50	18.27	18.32	19.00

<WCDMA State>

Band	WCDMA II_Ant1			Tune-up Limit	WCDMA IV_Ant1			Tune-up Limit	WCDMA V_Ant1			Tune-up Limit
	562	960	958		1312	1413	1513		4132	4162	4233	
TX Channel	562	960	958	Limit	1312	1413	1513	Limit	4132	4162	4233	Limit
Frequency (MHz)	1652.4	1680	1697.6	(dBm)	1712.4	1732.6	1752.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99	22.38	22.48	22.54	24.00	22.42	22.58	22.63	24.00	22.55	22.51	22.52	24.00
3GPP Rel 99	22.41	22.51	22.62	24.00	22.47	22.60	22.64	24.00	22.60	22.55	22.53	24.00
3GPP Rel 6	21.18	21.32	21.37	23.00	21.23	21.33	21.42	23.00	21.38	21.44	21.38	23.00
3GPP Rel 6	21.05	21.22	21.08	23.00	21.25	21.25	21.44	23.00	21.42	21.41	21.28	23.00
3GPP Rel 6	21.08	21.10	21.11	23.00	21.24	21.22	21.40	23.00	21.38	21.40	21.28	23.00
3GPP Rel 6	20.53	20.70	20.79	22.50	20.80	20.71	20.89	22.50	20.98	20.89	20.82	22.50
3GPP Rel 6	20.53	20.65	20.76	22.50	20.76	20.72	20.80	22.50	21.01	20.93	20.79	22.50
3GPP Rel 6	21.00	21.04	21.21	23.00	21.22	21.29	21.39	23.00	21.35	21.43	21.37	23.00
3GPP Rel 6	21.08	21.10	21.11	23.00	21.24	21.22	21.40	23.00	21.38	21.40	21.28	23.00
3GPP Rel 6	20.81	20.76	20.90	22.50	20.77	20.67	20.88	22.50	20.96	20.87	20.79	22.50
3GPP Rel 6	20.78	20.83	20.96	22.50	20.72	20.67	20.77	22.50	21.00	20.90	20.78	22.50
3GPP Rel 6	19.26	19.36	19.42	21.00	19.53	19.43	19.49	21.00	19.53	19.47	19.45	21.00
3GPP Rel 6	19.24	19.36	19.46	21.00	19.45	19.36	19.41	21.00	19.57	19.50	19.61	21.00
3GPP Rel 6	20.22	20.34	20.37	22.00	20.54	20.37	20.43	22.00	20.49	20.32	20.47	22.00
3GPP Rel 6	18.77	18.85	18.92	20.50	19.07	18.90	19.01	20.50	19.01	18.96	18.85	20.50
3GPP Rel 6	20.10	20.00	20.13	22.00	20.80	20.30	20.40	22.00	20.46	20.40	20.40	22.00
3GPP Rel 7	18.05	18.74	18.81	20.50	18.96	18.78	18.90	20.50	18.88	18.81	18.84	20.50

Band	WCDMA II_Ant2			Tune-up Limit	WCDMA V_Ant2			Tune-up Limit
	562	960	958		4132	4162	4233	
TX Channel	562	960	958	Limit	4132	4162	4233	Limit
Frequency (MHz)	1652.4	1680	1697.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99	20.91	20.85	20.87	22.50	21.53	21.49	21.42	23.00
3GPP Rel 99	20.93	20.87	20.89	22.50	21.72	21.52	21.68	23.00
3GPP Rel 6	19.76	19.90	19.82	21.50	20.36	20.40	20.35	22.00
3GPP Rel 6	19.74	19.78	19.66	21.50	20.33	20.30	20.29	22.00
3GPP Rel 6	19.27	19.20	19.11	21.00	19.98	19.90	19.88	21.50
3GPP Rel 6	19.17	19.25	19.12	21.00	19.92	19.89	19.85	21.50
3GPP Rel 6	19.75	19.89	19.78	21.50	20.32	20.30	20.33	22.00
3GPP Rel 6	19.69	19.73	19.64	21.50	20.31	20.28	20.26	22.00
3GPP Rel 6	19.23	19.16	19.07	21.00	19.97	19.85	19.83	21.50
3GPP Rel 6	19.13	19.21	19.07	21.00	19.90	19.84	19.80	21.50
3GPP Rel 6	17.77	17.86	17.89	19.50	18.51	18.42	18.38	20.00
3GPP Rel 6	17.80	17.82	17.85	19.50	18.53	18.43	18.35	20.00
3GPP Rel 6	18.79	18.87	18.80	20.50	19.50	19.44	19.41	21.00
3GPP Rel 6	17.28	17.34	17.42	19.00	17.99	17.89	17.87	19.50
3GPP Rel 6	18.67	18.77	18.67	20.50	19.40	19.38	19.38	21.00
3GPP Rel 7	17.17	17.21	17.29	19.00	17.95	17.85	17.86	19.50











Reduced Power Mode for receiver on

GSM Power State 2

GSM900_Ant1 TX Channel	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	128	189	261		128	189	261	
Frequency (MHz)	834.2	836.4	848.8	(dBm)	834.2	836.4	848.8	(dBm)
GSM 1 Tx slot	32.19	32.14	32.17	33.50	23.19	23.14	23.17	24.50
GPRS 1 Tx slot	32.17	32.11	32.16	33.50	23.17	23.11	23.16	24.50
GPRS 2 Tx slots	31.71	31.82	31.68	33.00	25.71	25.82	25.68	27.00
GPRS 3 Tx slots	30.31	30.14	30.16	31.50	26.05	25.86	25.92	27.24
GPRS 4 Tx slots	29.89	29.79	29.81	30.50	25.99	25.79	25.81	27.50
EDGE 1 Tx slot	26.89	26.84	26.96	28.00	17.89	17.84	17.96	19.00
EDGE 2 Tx slots	26.17	25.83	25.85	27.00	20.17	19.83	19.85	21.00
EDGE 3 Tx slots	24.12	23.80	23.78	24.50	19.88	19.54	19.52	20.24
EDGE 4 Tx slots	22.87	22.63	22.62	23.50	19.87	19.63	19.62	20.50

GSM1800_Ant1 TX Channel	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1850	1809.8	(dBm)	1850.2	1850	1809.8	(dBm)
GSM 1 Tx slot	26.41	26.38	26.44	30.50	20.41	20.38	20.44	21.50
GPRS 1 Tx slot	25.43	25.41	25.43	30.50	20.43	20.41	20.43	21.50
GPRS 2 Tx slots	28.91	28.93	28.97	30.00	22.91	22.93	22.97	24.00
GPRS 3 Tx slots	27.46	27.47	27.56	29.50	23.30	23.21	23.30	24.24
GPRS 4 Tx slots	26.38	26.39	26.40	27.50	23.38	23.39	23.40	24.60
EDGE 1 Tx slot	26.14	26.12	26.13	27.50	17.14	17.12	17.13	18.50
EDGE 2 Tx slots	25.40	25.30	25.30	26.50	19.40	19.30	19.30	20.50
EDGE 3 Tx slots	23.51	23.50	23.42	24.50	19.25	19.24	19.16	20.24
EDGE 4 Tx slots	22.41	22.40	22.45	23.50	19.41	19.40	19.45	20.50

Band TX Channel	WCDMA E_Ant1			Tune-up Limit	WCDMA N_Ant1			Tune-up Limit	WCDMA V_Ant1			Tune-up Limit	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Frequency (MHz)	1652.4	1650	1607.6	(dBm)	1517.4	1516	1517.4	(dBm)	4357	4407	4458	(dBm)	
3GPP Rel 99	22.38	22.48	22.54	24.00	22.42	22.58	22.63	24.00	22.55	22.51	22.52	24.00	
3GPP Rel 99	RMC 12.2Kbps	22.41	22.51	22.62	24.00	22.47	22.60	22.64	24.00	22.60	22.55	22.53	24.00
3GPP Rel 6	HSDPA Subtest-3	21.18	21.32	21.37	23.00	21.23	21.33	21.42	23.00	21.38	21.44	21.38	23.00
3GPP Rel 6	HSDPA Subtest-2	21.05	21.22	21.08	23.00	21.25	21.25	21.44	23.00	21.42	21.41	21.28	23.00
3GPP Rel 6	HSDPA Subtest-3	20.53	20.70	20.79	22.50	20.80	20.71	20.89	22.50	20.98	20.89	20.82	22.50
3GPP Rel 6	HSDPA Subtest-4	20.53	20.65	20.76	22.50	20.78	20.72	20.80	22.50	21.01	20.93	20.79	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.00	21.04	21.21	23.00	21.22	21.29	21.39	23.00	21.36	21.43	21.37	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.06	21.10	21.11	23.00	21.24	21.22	21.40	23.00	21.38	21.40	21.26	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	20.81	20.73	20.90	22.50	20.77	20.67	20.88	22.50	20.96	20.87	20.79	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	20.78	20.83	20.96	22.50	20.72	20.67	20.77	22.50	21.00	20.90	20.78	22.50
3GPP Rel 6	HSUPA Subtest-1	19.26	19.36	19.42	21.00	19.63	19.43	19.49	21.00	19.53	19.47	19.45	21.00
3GPP Rel 6	HSUPA Subtest-2	19.24	19.39	19.45	21.00	19.45	19.35	19.41	21.00	19.57	19.50	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	20.22	20.34	20.37	22.00	20.54	20.37	20.43	22.00	20.49	20.32	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	18.77	18.85	18.92	20.50	19.07	18.90	19.01	20.50	19.01	18.96	18.95	20.50
3GPP Rel 6	HSUPA Subtest-5	20.10	20.03	20.13	22.00	20.80	20.30	20.40	22.00	20.48	20.40	20.40	22.00
3GPP Rel 7	HSPA (VCGM) Subtest-1	16.65	16.74	16.81	20.50	16.96	16.76	16.90	20.50	16.86	16.81	16.84	20.50

GSM900_Ant2 TX Channel	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	128	189	261		128	189	261	
Frequency (MHz)	834.2	836.4	848.8	(dBm)	834.2	836.4	848.8	(dBm)
GSM 1 Tx slot	28.16	28.10	28.16	30.00	19.16	19.10	19.16	21.00
GPRS 1 Tx slot	28.14	28.08	28.05	30.00	19.14	19.09	19.05	21.00
GPRS 2 Tx slots	28.70	28.59	28.50	29.00	22.70	22.59	22.50	23.00
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74
GPRS 4 Tx slots	25.69	25.72	25.69	28.00	22.86	22.72	22.89	23.00
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.55	17.74
EDGE 4 Tx slots	19.98	19.74	19.72	20.00	16.96	16.74	16.72	17.00

GSM1800_Ant2 TX Channel	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1850	1809.8	(dBm)	1850.2	1850	1809.8	(dBm)
GSM 1 Tx slot	23.59	23.61	23.54	25.50	14.59	14.61	14.54	16.50
GPRS 1 Tx slot	23.58	23.59	23.51	25.50	14.58	14.59	14.51	16.50
GPRS 2 Tx slots	24.20	24.05	24.12	24.50	18.20	18.05	18.12	18.24
GPRS 3 Tx slots	22.22	22.07	22.16	22.50	17.86	17.81	17.90	18.24
GPRS 4 Tx slots	21.07	21.18	21.23	21.50	18.07	18.18	18.23	18.50
EDGE 1 Tx slot	22.18	22.22	22.14	22.50	13.18	13.22	13.14	13.50
EDGE 2 Tx slots	21.19	21.33	21.21	21.50	15.19	15.33	15.21	15.50
EDGE 3 Tx slots	19.09	19.16	19.18	19.50	14.83	14.90	14.92	15.24
EDGE 4 Tx slots	18.21	18.18	18.25	18.50	15.21	15.18	15.25	15.50

Band TX Channel	WCDMA E_Ant2			Tune-up Limit	WCDMA V_Ant2			Tune-up Limit	
	9262	9400	9538		4132	4182	4233		
Frequency (MHz)	1652.4	1650	1607.6	(dBm)	4357	4407	4458	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	17.17	17.27	17.33	18.50	21.04	21.07	21.00	22.00
3GPP Rel 99	RMC 12.2Kbps	17.22	17.31	17.37	18.50	21.10	21.08	21.05	22.00
3GPP Rel 6	HSDPA Subtest-1	16.40	16.41	16.44	17.50	20.25	20.27	20.28	21.00
3GPP Rel 6	HSDPA Subtest-2	16.42	16.31	16.36	17.50	20.26	20.18	20.21	21.00
3GPP Rel 6	HSDPA Subtest-3	15.91	15.85	15.85	17.00	19.87	19.72	19.76	20.50
3GPP Rel 6	HSDPA Subtest-4	15.89	15.83	15.79	17.00	19.71	19.71	19.73	20.50
3GPP Rel 6	DC-HSDPA Subtest-1	15.68	15.97	15.74	17.50	19.23	19.30	19.29	21.00
3GPP Rel 6	DC-HSDPA Subtest-2	15.66	15.69	15.62	17.50	19.24	19.26	19.19	21.00
3GPP Rel 6	DC-HSDPA Subtest-3	15.19	15.13	15.18	17.00	18.89	18.87	18.87	20.50
3GPP Rel 6	DC-HSDPA Subtest-4	15.01	15.00	15.10	17.00	18.86	18.71	18.78	20.50
3GPP Rel 6	HSUPA Subtest-1	13.76	13.69	13.73	15.50	17.42	17.43	17.40	19.00
3GPP Rel 6	HSUPA Subtest-2	13.75	13.75	13.78	15.50	17.48	17.46	17.47	19.00
3GPP Rel 6	HSUPA Subtest-3	14.74	14.67	14.70	16.50	18.40	18.43	18.41	20.00
3GPP Rel 6	HSUPA Subtest-4	13.27	13.22	13.18	15.00	16.97	16.92	16.89	18.50
3GPP Rel 6	HSUPA Subtest-5	14.61	14.58	14.55	16.50	18.33	18.35	18.31	20.00
3GPP Rel 7	HSPA (VCGM) Subtest-1	13.07	13.10	13.10	15.00	16.92	16.92	16.87	18.50









Band 12_Ant2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	21.71	21.73	21.74	23	0			
10	QPSK	1	25	21.77	21.98	21.76					
10	QPSK	1	49	21.75	21.71	21.75					
10	QPSK	25	0	20.78	20.97	20.91					
10	QPSK	25	12	20.96	20.84	20.88					
10	QPSK	25	25	20.96	20.86	20.83					
10	QPSK	50	0	20.87	20.95	20.93					
10	16QAM	1	0	20.89	21.06	21.08					
10	16QAM	1	25	20.88	20.98	20.92					
10	16QAM	1	49	21.09	20.73	21.11					
10	16QAM	25	0	20.01	20.02	20.07	21	2			
10	16QAM	25	12	20.02	20.02	20.04					
10	16QAM	25	25	20.02	20.03	20.01					
10	16QAM	50	0	20.00	20.02	20.01					
10	64QAM	1	0	20.18	20.17	20.00					
10	64QAM	1	25	20.49	20.25	20.30					
10	64QAM	1	49	20.06	20.38	20.31					
10	64QAM	25	0	19.01	19.02	19.00					
10	64QAM	25	12	19.05	19.01	19.07					
10	64QAM	25	25	19.02	19.06	19.08					
10	64QAM	50	0	19.05	19.06	19.03	20	3			
Channel											
Frequency (MHz)											
5	QPSK	1	0	21.71	21.72	21.73			23	0	
5	QPSK	1	12	21.76	21.82	21.73					
5	QPSK	1	24	21.75	21.71	21.71					
5	QPSK	12	0	20.79	20.86	20.87					
5	QPSK	12	7	20.82	20.83	20.84					
5	QPSK	12	13	20.81	20.85	20.81					
5	QPSK	25	0	20.83	20.94	20.91					
5	16QAM	1	0	20.94	21.02	21.07					
5	16QAM	1	12	20.88	20.96	20.90					
5	16QAM	1	24	20.90	20.88	20.07					
5	16QAM	12	0	20.05	20.07	20.08	21	2			
5	16QAM	12	7	20.08	20.09	20.02					
5	16QAM	12	13	20.00	20.08	20.07					
5	16QAM	25	0	20.05	20.07	20.08					
5	64QAM	1	0	20.13	20.14	20.07					
5	64QAM	1	12	20.46	20.26	20.26					
5	64QAM	1	24	20.04	20.35	20.30					
5	64QAM	12	0	19.09	19.08	19.05					
5	64QAM	12	7	19.00	19.08	19.06					
5	64QAM	12	13	19.02	19.04	19.05					
5	64QAM	25	0	19.02	19.05	19.01	20	3			
Channel											
Frequency (MHz)											
3	QPSK	1	0	21.75	21.71	21.70			23	0	
3	QPSK	1	8	21.73	21.78	21.75					
3	QPSK	1	14	21.70	21.75	21.72					
3	QPSK	8	0	20.77	20.92	20.87					
3	QPSK	8	4	20.83	20.78	20.86					
3	QPSK	8	7	20.85	20.83	20.81					
3	QPSK	15	0	20.82	20.91	20.92					
3	16QAM	1	0	20.96	21.03	21.07					
3	16QAM	1	8	20.87	20.93	20.90					
3	16QAM	1	14	21.07	20.71	21.06					
3	16QAM	8	0	20.00	20.01	20.05	21	2			
3	16QAM	8	4	20.08	20.00	20.01					
3	16QAM	8	7	20.01	20.03	20.05					
3	16QAM	15	0	20.02	20.01	20.02					
3	64QAM	1	0	20.05	20.13	20.00					
3	64QAM	1	8	20.47	20.28	20.29					
3	64QAM	1	14	20.01	20.38	20.28					
3	64QAM	8	0	19.00	19.03	19.01					
3	64QAM	8	4	19.04	19.00	19.05					
3	64QAM	8	7	19.00	19.06	19.07					
3	64QAM	15	0	19.04	19.03	19.00	20	3			
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	21.80	21.82	21.81			23	0	
1.4	QPSK	1	3	21.82	21.78	21.85					
1.4	QPSK	1	5	21.82	21.84	21.82					
1.4	QPSK	3	0	21.82	21.82	21.97					
1.4	QPSK	3	1	21.89	21.86	21.71					
1.4	QPSK	3	3	21.84	21.71	21.72					
1.4	QPSK	8	0	21.57	21.46	21.23					
1.4	16QAM	1	0	21.38	21.09	21.13					
1.4	16QAM	1	3	21.14	21.47	21.28					
1.4	16QAM	1	5	21.25	21.33	21.29					
1.4	16QAM	3	0	21.03	21.09	21.09	22	1			
1.4	16QAM	3	1	21.38	21.16	21.27					
1.4	16QAM	3	3	21.28	21.11	21.31					
1.4	16QAM	6	0	20.24	20.51	20.33					
1.4	64QAM	1	0	20.46	20.53	20.23					
1.4	64QAM	1	3	20.10	20.19	20.38					
1.4	64QAM	1	5	20.08	20.08	20.23					
1.4	64QAM	3	0	20.03	20.01	20.17					
1.4	64QAM	3	1	20.09	20.25	20.33					
1.4	64QAM	3	3	20.30	20.22	20.06					
1.4	64QAM	6	0	19.01	19.02	19.00	20	3			

Band 13_Ant1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.5			24	0			
10	QPSK	1	25	22.54							
10	QPSK	1	49	22.44							
10	QPSK	25	0	21.33							
10	QPSK	25	12	21.22							
10	QPSK	25	25	21.29							
10	QPSK	50	0	21.31							
10	16QAM	1	0	21.37							
10	16QAM	1	25	21.7							
10	16QAM	1	49	21.45							
10	16QAM	25	0	20.28			22	2			
10	16QAM	25	12	20.34							
10	16QAM	25	25	20.29							
10	16QAM	50	0	20.28							
10	64QAM	1	0	20.34							
10	64QAM	1	25	20.51							
10	64QAM	1	49	20.4							
10	64QAM	25	0	19.27							
10	64QAM	25	12	19.31							
10	64QAM	25	25	19.28							
10	64QAM	50	0	19.31			21	3			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.14	22.14	22.12			24	0	
5	QPSK	1	12	22.39	22.31	22.35					
5	QPSK	1	24	22.13	22.11	22.17					
5	QPSK	12	0	21.23	21.3	21.3					
5	QPSK	12	7	21.32	21.3	21.3					
5	QPSK	12	13	21.28	21.23	21.28					
5	QPSK	25	0	21.28	21.3	21.28					
5	16QAM	1	0	21.37	21.42	21.37					
5	16QAM	1	12	21.55	21.53	21.59					
5	16QAM	1	24	21.35	21.32	21.33					
5	16QAM	12	0	20.19	20.27	20.25	22	2			
5	16QAM	12	7	20.27	20.27	20.22					
5	16QAM	12	13	20.26	20.22	20.21					
5	16QAM	25	0	20.19	20.27	20.26					
5	64QAM	1	0	20.28	20.29	20.26					
5	64QAM	1	12	20.52	20.57	20.51					
5	64QAM	1	24	20.3	20.23	20.27					
5	64QAM	12	0	19.26	19.28	19.31					
5	64QAM	12	7	19.34	19.32	19.31					
5	64QAM	12	13	19.3	19.25	19.25					
5	64QAM	25	0	19.3	19.29	19.31	21	3			

Band 14_Ant1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.41			24	0			
10	QPSK	1	25	22.48							
10	QPSK	1	49	22.42							
10	QPSK	25	0	21.36							
10	QPSK	25	12	21.31							
10	QPSK	25	25	21.26							
10	QPSK	50	0	21.34							
10	16QAM	1	0	21.21							
10	16QAM	1	25	21.63							
10	16QAM	1	49	21.71							
10	16QAM	25	0	20.39			22	2			
10	16QAM	25	12	20.31							
10	16QAM	25	25	20.35							
10	16QAM	50	0	20.29							
10	64QAM	1	0	20.48							
10	64QAM	1	25	20.61							
10	64QAM	1	49	20.57							
10	64QAM	25	0	19.31							
10	64QAM	25	12	19.43							
10	64QAM	25	25	19.35							
10	64QAM	50	0	19.37			21	3			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.17	22.12	22.15			24	0	
5	QPSK	1	12	22.39	22.45	22.31					
5	QPSK	1	24	22.2	22.2	22.26					
5	QPSK	12	0	21.38	21.3	21.36					
5	QPSK	12	7	21.4	21.38	21.51					
5	QPSK	12	13	21.31	21.35	21.28					
5	QPSK	25	0	21.32	21.39	21.38					
5	16QAM	1	0	21.69	21.7	21.44					
5	16QAM	1	12	21.8	21.84	21.93					
5	16QAM	1	24	21.6	21.66	21.45					
5	16QAM	12	0	20.35	20.22	20.32	22	2			
5	16QAM	12	7	20							



Band 30_Ant1										
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 27710										
Frequency (MHz)										
10	QPSK	1	0		22.39					
10	QPSK	1	25		22.52		24	0		
10	QPSK	1	49		22.33					
10	QPSK	25	0		21.4					
10	QPSK	25	12		21.38		23	1		
10	QPSK	25	25		21.37					
10	QPSK	50	0		21.39					
10	16QAM	1	0		21.82					
10	16QAM	1	25		21.62		23	1		
10	16QAM	1	49		21.41					
10	16QAM	25	0		20.78					
10	16QAM	25	12		20.77		22	2		
10	16QAM	25	25		20.75					
10	16QAM	50	0		20.77					
10	64QAM	1	0		20.85					
10	64QAM	1	25		20.85		22	2		
10	64QAM	1	49		21.04					
10	64QAM	25	0		19.78					
10	64QAM	25	12		19.79					
10	64QAM	25	25		19.75		21	3		
10	64QAM	50	0		19.75					
Channel 27685										
Frequency (MHz)										
5	QPSK	1	0		22.25	22.2	22.21			
5	QPSK	1	12		22.38	22.33	22.35	24	0	
5	QPSK	1	24		22.18	22.2	22.19			
5	QPSK	12	0		21.37	21.35	21.36			
5	QPSK	12	7		21.41	21.42	21.38	23	1	
5	QPSK	12	13		21.34	21.33	21.34			
5	QPSK	25	0		21.36	21.37	21.36			
5	16QAM	1	0		21.81	21.84	21.79			
5	16QAM	1	12		22.05	22.1	22.03	23	1	
5	16QAM	1	24		21.76	21.78	21.75			
5	16QAM	12	0		20.76	20.73	20.75			
5	16QAM	12	7		20.78	20.78	20.75	22	2	
5	16QAM	12	13		20.73	20.72	20.71			
5	16QAM	25	0		20.77	20.78	20.76			
5	64QAM	1	0		20.8	21.06	21.13			
5	64QAM	1	12		21.04	21.03	20.98	22	2	
5	64QAM	1	24		20.77	20.73	20.73			
5	64QAM	12	0		19.77	19.76	19.78			
5	64QAM	12	7		19.84	19.83	19.82	21	3	
5	64QAM	12	13		19.77	19.77	19.74			
5	64QAM	25	0		19.75	19.75	19.77			

Band 30_Ant2										
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 27710										
Frequency (MHz)										
10	QPSK	1	0		13.86					
10	QPSK	1	25		13.87		14.5	0		
10	QPSK	1	49		13.56					
10	QPSK	25	0		12.84					
10	QPSK	25	12		12.77		13.5	1		
10	QPSK	25	25		12.73					
10	QPSK	50	0		12.90					
10	16QAM	1	0		12.81					
10	16QAM	1	25		12.82		13.5	1		
10	16QAM	1	49		12.90					
10	16QAM	25	0		11.86					
10	16QAM	25	12		11.83		12.5	2		
10	16QAM	25	25		11.83					
10	16QAM	50	0		11.81					
10	64QAM	1	0		11.81					
10	64QAM	1	25		11.84		12.5	2		
10	64QAM	1	49		11.94					
10	64QAM	25	0		10.82					
10	64QAM	25	12		10.78					
10	64QAM	25	25		10.84		11.5	3		
10	64QAM	50	0		10.80					
Channel 27685										
Frequency (MHz)										
5	QPSK	1	0		13.81	13.82	13.79			
5	QPSK	1	12		13.82	13.82	13.79	14.5	0	
5	QPSK	1	24		13.54	13.47	13.55			
5	QPSK	12	0		12.76	12.74	12.73			
5	QPSK	12	7		12.71	12.68	12.69	13.5	1	
5	QPSK	12	13		12.64	12.67	12.64			
5	QPSK	25	0		12.81	12.85	12.87			
5	16QAM	1	0		12.80	12.75	12.80			
5	16QAM	1	12		12.81	12.75	12.72	13.5	1	
5	16QAM	1	24		12.71	12.69	12.67			
5	16QAM	12	0		11.82	11.81	11.75			
5	16QAM	12	7		11.71	11.72	11.79	12.5	2	
5	16QAM	12	13		11.70	11.79	11.82			
5	16QAM	25	0		11.79	11.78	11.77			
5	64QAM	1	0		11.72	11.68	11.73			
5	64QAM	1	12		11.79	11.77	11.72	12.5	2	
5	64QAM	1	24		11.69	11.78	11.69			
5	64QAM	12	0		10.73	10.76	10.72			
5	64QAM	12	7		10.70	10.76	10.72			
5	64QAM	12	13		10.77	10.76	10.75	11.5	3	
5	64QAM	25	0		10.75	10.73	10.73			

Band 66_Ant1										
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 133072										
Frequency (MHz)										
20	QPSK	1	0		22.31	22.28	22.22			
20	QPSK	1	49		22.37	22.47	22.33	24	0	
20	QPSK	1	99		21.73	22.09	21.56			
20	QPSK	50	0		21.25	21.61	21.56			
20	QPSK	50	24		21.32	21.57	21.51	23	1	
20	QPSK	50	50		21.31	21.46	21.42			
20	QPSK	100	0		21.24	21.5	21.46			
20	16QAM	1	0		21.69	21.98	21.82			
20	16QAM	1	49		21.85	22.1	22.14	23	1	
20	16QAM	1	99		21.71	22.02	21.81			
20	16QAM	50	0		20.54	20.94	20.86			
20	16QAM	50	24		20.62	20.83	20.78	22	2	
20	16QAM	50	50		20.58	20.72	20.7			
20	16QAM	100	0		20.49	20.78	20.78			
20	64QAM	1	0		20.66	20.83	20.78			
20	64QAM	1	49		21.02	21.02	20.98	22	2	
20	64QAM	1	99		20.99	20.73	20.6			
20	64QAM	50	0		19.51	19.93	19.82			
20	64QAM	50	24		19.5	19.84	19.75	21	3	
20	64QAM	50	50		19.52	19.68	19.67			
20	64QAM	100	0		19.51	19.8	19.76			
Channel 133047										
Frequency (MHz)										
15	QPSK	1	0		22.32	22.31	22.2			
15	QPSK	1	37		22.39	22.34	22.33	24	0	
15	QPSK	1	74		22.16	22.08	22.14			
15	QPSK	36	0		21.94	21.85	21.85			
15	QPSK	36	20		21.94	21.54	21.5	23	1	
15	QPSK	36	39		21.31	21.45	21.44			
15	QPSK	75	0		21.22	21.5	21.5			
15	16QAM	1	0		21.73	21.97	21.83			
15	16QAM	1	37		21.84	22.11	22.16	23	1	
15	16QAM	1	74		21.69	21.69	21.65			
15	16QAM	36	0		20.52	20.94	20.84			
15	16QAM	36	20		20.58	20.85	20.75	22	2	
15	16QAM	36	39		20.55	20.69	20.7			
15	16QAM	75	0		20.52	20.8	20.77			
15	64QAM	1	0		20.62	20.84	20.82			
15	64QAM	1	37		21	21.01	21	22	2	
15	64QAM	1	74		20.99	20.99	20.95			
15	64QAM	36	0		19.5	19.89	19.83			
15	64QAM	36	20		19.57	19.86	19.76	21	3	
15	64QAM	36	39		19.58	19.87	19.88			
15	64QAM	75	0		19.49	19.78	19.76			
Channel 133022										
Frequency (MHz)										
10	QPSK	1	0		22.3	22.3	22.2			
10	QPSK	1	25		22.37	22.24	22.35	24	0	
10	QPSK	1	49		22.16	22.1	22.13			
10	QPSK	25	0		21.25	21.63	21.56			
10	QPSK	25	12		21.32	21.57	21.48	23	1	
10	QPSK	25	25		21.27	21.46	21.42			
10	QPSK	50	0		21.22	21.5	21.46			
10	16QAM	1	0		21.7	21.98	21.85			
10	16QAM	1	25		21.84	22.12	22.16	23	1	
10	16QAM	1	49		21.7	22.03	21.78			
10	16QAM	25	0		20.54	20.94	20.86			
10	16QAM	25	12		20.61	20.86	20.78	22	2	
10	16QAM	25	25		20.55	20.69	20.96			
10	16QAM	50	0		20.49	20.77	20.75			
10	64QAM	1	0		20.62	20.85	20.82			
10	64QAM	1	25		20.99	21.03	21.01	22	2	
10	64QAM	1	49		20.63	20.77	20.6			
10	64QAM	25	0		19.53	19.91	19.82			
10	64QAM	25	12		19.61	19.85	19.75	21	3	
10	64QAM	25	25		19.57	19.89	19.88			
10	64QAM	50	0		19.52	19.8	19.73			
Channel 131997										
Frequency (MHz)										
5	QPSK	1	0		22.32	22.29	22.22			
5	QPSK	1	12		22.39	22.35	22.34	24	0	
5	QPSK	1	24		22.14	22.1	22.08			
5	QPSK	12	0		21.25	21.61	21.57			
5	QPSK	12	7		21.35	21.54	2			



Reduced Power Mode for Hotspot on

GSM Power State1

GSM1900_Ant1 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Frame Average Power (dBm)			Tune-up		
	128	189	251	Limit	128	189	251	Limit	Limit
824.2	836.4	848.8		824.2	836.4	848.8			
26.63	26.92	26.87	26.50	17.63	17.92	17.87	18.50		
GSM 1 Tx slot	26.80	26.91	26.87	26.50	17.60	17.91	17.87	18.50	
GPRS 2 Tx slots	27.20	27.36	27.32	26.00	21.20	21.36	21.32	22.00	
GPRS 3 Tx slots	25.24	25.37	25.31	26.50	20.98	21.11	21.05	22.24	
GPRS 4 Tx slots	24.27	24.25	24.21	26.50	21.27	21.25	21.21	22.00	
EDGE 1 Tx slot	22.41	22.29	22.30	23.00	13.41	13.29	13.30	14.00	
EDGE 2 Tx slots	21.34	21.04	21.42	22.00	15.34	15.04	15.42	16.00	
EDGE 3 Tx slots	19.34	18.11	19.26	19.50	15.08	14.85	15.00	15.24	
EDGE 4 Tx slots	18.11	17.81	17.94	18.50	15.11	14.81	14.94	15.50	

GSM1900_Ant1 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Frame Average Power (dBm)			Tune-up		
	512	661	810	Limit	512	661	810	Limit	Limit
1650.2	1660	1669.8		1650.2	1660	1669.8			
GSM 1 Tx slot	22.84	22.80	22.85	24.00	13.84	13.80	13.85	15.00	
GPRS 1 Tx slot	22.90	22.82	22.90	24.00	13.90	13.82	13.90	15.00	
GPRS 2 Tx slots	22.42	22.38	22.35	23.50	16.42	16.38	16.35	17.50	
GPRS 3 Tx slots	20.88	20.67	20.87	22.00	16.60	16.61	16.61	17.74	
GPRS 4 Tx slots	19.81	18.77	19.84	21.00	16.81	16.77	16.84	18.00	
EDGE 1 Tx slot	19.58	19.61	19.67	21.00	10.58	10.61	10.67	12.00	
EDGE 2 Tx slots	18.78	18.75	18.67	20.00	12.78	12.75	12.67	14.00	
EDGE 3 Tx slots	16.93	16.94	16.87	18.00	12.67	12.68	12.61	13.74	
EDGE 4 Tx slots	15.78	15.67	15.81	17.00	12.78	12.67	12.81	14.00	

Band TX Channel Rx Channel Frequency (MHz)	WCDMA I_Ant1			WCDMA IV_Ant1			WCDMA V_Ant1			Tune-up Limit (dBm)			
	9662	9600	9538	Limit	1312	1413	1513	Limit	4132		4182	4233	Limit
3GPP Rel 99	15.49	15.50	15.55	16.50	16.05	16.10	16.07	17.00	18.94	18.96	18.97	20.00	
3GPP Rel 99	15.51	15.57	15.61	16.50	16.12	16.17	16.19	17.00	19.03	19.01	18.98	20.00	
3GPP Rel 6	14.47	14.54	14.58	15.50	15.09	15.21	15.19	16.00	18.03	18.01	18.00	19.00	
3GPP Rel 6	14.39	14.47	14.44	14.44	15.50	15.14	15.12	14.96	16.00	17.99	17.93	17.89	19.00
3GPP Rel 6	13.86	13.96	13.96	15.00	14.70	14.60	14.66	15.50	17.49	17.48	17.37	18.50	
3GPP Rel 6	13.87	13.93	13.92	15.00	14.57	14.59	14.64	15.50	17.53	17.48	17.36	18.50	
3GPP Rel 6	13.68	13.66	13.65	15.50	14.13	14.11	14.17	16.00	17.26	17.24	17.24	19.00	
3GPP Rel 6	13.56	13.59	13.54	15.50	14.19	14.11	14.23	16.00	17.30	17.35	17.25	18.50	
3GPP Rel 6	13.15	13.12	13.20	15.00	13.75	13.70	13.67	15.50	16.85	16.93	16.87	18.50	
3GPP Rel 6	13.27	13.23	13.22	15.00	13.67	13.60	13.63	15.50	16.99	16.87	16.90	18.50	
3GPP Rel 6	11.80	11.73	11.81	13.50	12.50	12.49	12.51	14.00	15.50	15.47	15.45	17.00	
3GPP Rel 6	11.82	11.84	11.85	13.50	12.38	12.39	12.32	14.00	15.54	15.48	15.49	17.00	
3GPP Rel 6	12.71	12.77	12.74	14.50	13.48	13.45	13.46	15.00	16.47	16.39	16.44	18.00	
3GPP Rel 6	11.22	11.31	11.23	13.00	11.99	12.01	12.04	13.50	14.99	14.95	14.98	16.50	
3GPP Rel 6	12.46	12.49	12.42	14.50	13.74	13.77	13.68	15.00	16.45	16.36	16.35	18.00	
3GPP Rel 7	11.14	11.12	11.16	13.00	11.89	11.86	11.88	13.50	14.82	14.86	14.77	16.50	

GSM850_Ant2 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Frame Average Power (dBm)			Tune-up		
	128	189	251	Limit	128	189	251	Limit	Limit
824.2	836.4	848.8		824.2	836.4	848.8			
GSM 1 Tx slot	28.14	28.10	27.97	30.00	19.14	19.10	18.97	21.00	
GPRS 1 Tx slot	28.14	28.06	27.94	30.00	19.14	19.06	18.94	21.00	
GPRS 2 Tx slots	28.70	28.69	28.50	29.00	22.70	22.69	22.50	23.00	
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74	
GPRS 4 Tx slots	25.86	25.72	25.59	26.00	22.98	22.72	22.59	23.00	
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00	
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00	
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.85	17.74	
EDGE 4 Tx slots	19.96	19.74	19.72	20.00	16.98	16.74	16.72	17.00	

GSM1900_Ant2 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Frame Average Power (dBm)			Tune-up		
	512	661	810	Limit	512	661	810	Limit	Limit
1650.2	1660	1669.8		1650.2	1660	1669.8			
GSM 1 Tx slot	22.82	22.91	22.89	24.00	13.82	13.91	13.89	15.00	
GPRS 1 Tx slot	22.86	22.90	22.92	24.00	13.86	13.90	13.92	15.00	
GPRS 2 Tx slots	22.20	22.16	22.26	23.00	16.20	16.16	16.26	17.00	
GPRS 3 Tx slots	20.91	20.90	20.99	21.00	16.65	16.64	16.73	16.74	
GPRS 4 Tx slots	19.59	19.56	19.61	20.00	16.59	16.56	16.61	17.00	
EDGE 1 Tx slot	20.45	20.38	20.44	21.00	11.45	11.38	11.44	12.00	
EDGE 2 Tx slots	19.61	19.58	19.57	20.00	13.61	13.58	13.57	14.00	
EDGE 3 Tx slots	17.74	17.70	17.66	18.00	13.46	13.44	13.42	13.74	
EDGE 4 Tx slots	16.67	16.67	16.75	17.00	13.67	13.67	13.75	14.00	

Band TX Channel Rx Channel Frequency (MHz)	WCDMA II_Ant2			WCDMA V_Ant2			Tune-up Limit (dBm)	
	9662	9600	9538	Limit	4132	4182		4233
3GPP Rel 99	16.89	16.85	16.81	18.00	20.23	20.18	20.15	21.00
3GPP Rel 99	16.93	16.89	16.84	18.00	20.28	20.28	20.22	21.00
3GPP Rel 6	15.94	15.93	15.89	17.00	19.27	19.30	19.33	20.00
3GPP Rel 6	15.89	15.81	15.73	17.00	19.34	19.30	19.19	20.00
3GPP Rel 6	15.41	15.29	15.32	16.50	18.82	18.84	18.68	19.50
3GPP Rel 6	15.35	15.29	15.36	16.50	18.80	18.85	18.66	19.50
3GPP Rel 6	15.20	15.23	15.18	17.00	18.26	18.26	18.29	20.00
3GPP Rel 6	15.16	15.18	15.09	17.00	18.26	18.30	18.28	20.00
3GPP Rel 6	14.66	14.60	14.69	16.50	17.90	17.88	17.86	19.50
3GPP Rel 6	14.56	14.50	14.57	16.50	17.88	17.82	17.88	19.50
3GPP Rel 6	13.17	13.17	13.22	15.00	16.45	16.48	16.38	18.00
3GPP Rel 6	13.24	13.29	13.17	15.00	16.51	16.48	16.44	18.00
3GPP Rel 6	14.23	14.23	14.27	16.00	17.39	17.41	17.46	19.00
3GPP Rel 6	12.73	12.65	12.71	14.50	15.89	15.97	15.97	17.50
3GPP Rel 6	14.11	14.12	14.16	16.00	17.34	17.29	17.35	19.00
3GPP Rel 7	12.95	12.55	12.65	14.50	15.84	15.86	15.89	17.50





Band 5_Ant1										
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)										
10	QPSK	1	0	19.24	19.35	19.34				
10	QPSK	1	25	19.33	19.43	19.35	20.5	0		
10	QPSK	1	49	19.39	19.36	19.38				
10	QPSK	25	0	18.39	18.48	18.41				
10	QPSK	25	12	18.30	18.39	18.34	19.5	1		
10	QPSK	25	25	18.38	18.43	18.32				
10	QPSK	50	0	18.39	18.39	18.38				
10	16QAM	1	0	18.50	18.61	18.51				
10	16QAM	1	25	18.62	18.65	18.63	19.5	1		
10	16QAM	1	49	18.71	18.84	18.73				
10	16QAM	25	0	17.39	17.46	17.35				
10	16QAM	25	12	17.30	17.39	17.32	18.5	2		
10	16QAM	25	25	17.29	17.32	17.24				
10	16QAM	50	0	17.31	17.41	17.28				
10	64QAM	1	0	17.71	17.74	17.60				
10	64QAM	1	25	17.62	17.66	17.68	18.5	2		
10	64QAM	1	49	17.51	17.59	17.45				
10	64QAM	25	0	16.44	16.46	16.38				
10	64QAM	25	12	16.38	16.37	16.33	17.5	3		
10	64QAM	25	25	16.37	16.45	16.44				
10	64QAM	50	0	16.40	16.45	16.40				
Channel				20425	20525	20625	MPR limit (dBm)	MPR (dB)		
Frequency (MHz)										
5	QPSK	1	0	19.22	19.22	19.23				
5	QPSK	1	12	19.39	19.32	19.41	20.5	0		
5	QPSK	1	24	19.39	19.36	19.38				
5	QPSK	12	0	18.40	18.45	18.47				
5	QPSK	12	7	18.35	18.28	18.32	19.5	1		
5	QPSK	12	13	18.40	18.30	18.36				
5	QPSK	25	0	18.60	18.56	18.52				
5	16QAM	1	0	18.60	18.56	18.52				
5	16QAM	1	12	18.58	18.61	18.62	19.5	1		
5	16QAM	1	24	18.60	18.56	18.52				
5	16QAM	12	0	17.43	17.36	17.33				
5	16QAM	12	7	17.33	17.35	17.27	18.5	2		
5	16QAM	12	13	17.27	17.23	17.25				
5	16QAM	25	0	17.59	17.56	17.40				
5	64QAM	1	0	17.71	17.73	17.66				
5	64QAM	1	12	17.57	17.59	17.55	18.5	2		
5	64QAM	1	24	17.59	17.45	17.45				
5	64QAM	12	0	16.41	16.38	16.38				
5	64QAM	12	7	16.34	16.28	16.31	17.5	3		
5	64QAM	12	13	16.33	16.38	16.30				
5	64QAM	25	0	16.44	16.37	16.44				
Channel				20416	20525	20635	MPR limit (dBm)	MPR (dB)		
Frequency (MHz)										
3	QPSK	1	0	19.34	19.23	19.31				
3	QPSK	1	8	19.35	19.35	19.35	20.5	0		
3	QPSK	1	14	19.32	19.34	19.33				
3	QPSK	8	0	18.35	18.37	18.45				
3	QPSK	8	4	18.33	18.35	18.26	19.5	1		
3	QPSK	8	7	18.32	18.35	18.36				
3	QPSK	15	0	18.26	18.37	18.29				
3	16QAM	1	0	18.49	18.60	18.60				
3	16QAM	1	8	18.61	18.61	18.58	19.5	1		
3	16QAM	1	14	18.72	18.71	18.62				
3	16QAM	8	0	17.41	17.39	17.39				
3	16QAM	8	4	17.33	17.35	17.33	18.5	2		
3	16QAM	8	7	17.21	17.19	17.19				
3	16QAM	15	0	17.39	17.40	17.35				
3	64QAM	1	0	17.76	17.62	17.68				
3	64QAM	1	8	17.57	17.59	17.56	18.5	2		
3	64QAM	1	14	17.69	17.58	17.48				
3	64QAM	8	0	16.40	16.38	16.40				
3	64QAM	8	4	16.31	16.33	16.28	17.5	3		
3	64QAM	8	7	16.38	16.37	16.44				
3	64QAM	15	0	16.41	16.39	16.35				
Channel				20407	20525	20643	MPR limit (dBm)	MPR (dB)		
Frequency (MHz)										
1.4	QPSK	1	0	19.29	19.28	19.29				
1.4	QPSK	1	3	19.38	19.30	19.35	20.5	0		
1.4	QPSK	1	5	19.33	19.32	19.33				
1.4	QPSK	3	0	19.19	19.14	19.09				
1.4	QPSK	3	1	19.05	19.07	19.09	19.5	1		
1.4	QPSK	3	3	19.04	19.09	19.14				
1.4	QPSK	8	0	18.38	18.38	18.39				
1.4	16QAM	1	0	18.59	18.50	18.48				
1.4	16QAM	1	3	18.58	18.57	18.63	19.5	1		
1.4	16QAM	1	5	18.79	18.76	18.80				
1.4	16QAM	3	0	18.12	18.17	18.14				
1.4	16QAM	3	1	17.99	18.09	18.03				
1.4	16QAM	3	3	18.00	17.99	17.97				
1.4	16QAM	8	0	17.60	17.59	17.39	18.5	2		
1.4	64QAM	1	0	17.67	17.73	17.60				
1.4	64QAM	1	3	17.65	17.66	17.60				
1.4	64QAM	1	5	17.51	17.45	17.50				
1.4	64QAM	3	0	17.14	17.12	17.08	18.5	2		
1.4	64QAM	3	1	17.03	17.04	17.08				
1.4	64QAM	3	3	17.11	17.05	17.11				
1.4	64QAM	8	0	16.95	16.96	16.98	17.5	3		

Band 5_Ant2										
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20440	20525	20600				
Frequency (MHz)										
10	QPSK	1	0	20.05	20.11	20.11				
10	QPSK	1	25	20.12	20.21	20.13	21	0		
10	QPSK	1	49	20.07	20.12	20.08				
10	QPSK	25	0	19.02	19.13	19.00				
10	QPSK	25	12	18.94	19.11	18.97	20	1		
10	QPSK	25	25	18.94	19.07	18.99				
10	QPSK	50	0	19.11	19.17	19.07				
10	16QAM	1	0	19.04	19.05	18.97				
10	16QAM	1	25	19.01	19.02	18.92	20	1		
10	16QAM	1	49	18.96	18.94	18.94				
10	16QAM	25	0	18.21	18.25	18.27				
10	16QAM	25	12	18.23	18.28	18.15	19	2		
10	16QAM	25	25	17.99	18.09	18.04				
10	16QAM	50	0	18.22	18.27	18.15				
10	64QAM	1	0	17.82	17.95	17.82				
10	64QAM	1	25	17.73	17.91	17.76	19	2		
10	64QAM	1	49	17.78	17.89	17.78				
10	64QAM	25	0	17.25	17.26	17.16				
10	64QAM	25	12	17.10	17.19	17.16	18	3		
10	64QAM	25	25	17.15	17.16	17.09				
10	64QAM	50	0	17.10	17.18	17.09				
Channel				20425	20525	20625	MPR limit (dBm)	MPR (dB)		
Frequency (MHz)										
5	QPSK	1	0	20.02	20.07	20.07				
5	QPSK	1	12	20.11	20.12	20.09	21	0		
5	QPSK	1	24	20.05	20.08	20.11				
5	QPSK	12	0	19.02	19.05	19.10				
5	QPSK	12	7	19.03	19.10	19.00	20	1		
5	QPSK	12	13	19.01	19.04	19.03				
5	QPSK	25	0	19.13	19.16	19.13				
5	16QAM	1	0	19.02	18.93	18.92				
5	16QAM	1	12	18.97	19.01	18.93	20	1		
5	16QAM	1	24	18.99	18.96	18.94				
5	16QAM	12	0	18.20	18.26	18.26				
5	16QAM	12	7	18.25	18.23	18.17	19	2		
5	16QAM	12	13	18.07	17.97	18.02				
5	16QAM	25	0	18.14	18.14	18.14				
5	64QAM	1	0	17.80	17.89	17.85				
5	64QAM	1	12	17.88	17.83	17.86	19	2		
5	64QAM	1	24	17.83	17.83	17.78				
5	64QAM	12	0	17.20	17.17	17.25				
5	64QAM	12	7	17.12	17.14	17.12	18	3		
5	64QAM	12	13	17.15	17.15	17.09				
5	64QAM	25	0	17.12	17.10	17.10				
Channel				20416	20525	20635	MPR limit (dBm)	MPR (dB)		
Frequency (MHz)										
3	QPSK	1	0	20.05	20.07	20.09				
3	QPSK	1	8	20.12	20.08	20.19	21	0		
3	QPSK	1	14	20.10	20.08	20.08				
3	QPSK	8	0	19.04	19.06	19.00				
3	QPSK	8	4	19.03	19.05	18.98	20	1		
3	QPSK	8	7	18.96	19.05	18.98				
3	QPSK	15	0	19.05	19.11	19.16				
3	16QAM	1	0	19.98	19.01	19.00				
3	16QAM	1	8	18.95	18.94	19.01	20	1		
3	16QAM	1	14	18.97	18.96	18.95				
3	16QAM	8	0	18.20	18.28	18.23				
3	16QAM	8	4	18.20	18.17	18.16	19	2		
3	16QAM	8	7	18.02	18.04	18.08				
3	16QAM	1								



Band 12_Ant2										
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23096	23130				
Frequency (MHz)										
10	QPSK	1	0	21.71	21.73	21.74				
10	QPSK	1	25	21.77	21.98	21.76		23	0	
10	QPSK	1	49	21.73	21.75	21.75				
10	QPSK	25	0	20.78	20.97	20.91				
10	QPSK	25	12	20.96	20.84	20.88		22	1	
10	QPSK	25	25	20.86	20.86	20.83				
10	QPSK	50	0	20.87	20.95	20.93				
10	16QAM	1	0	20.99	21.06	21.08				
10	16QAM	1	25	20.88	20.98	20.92		22	1	
10	16QAM	1	49	21.09	20.73	21.11				
10	16QAM	25	0	20.01	20.02	20.07				
10	16QAM	25	12	20.02	20.02	20.04		21	2	
10	16QAM	25	25	20.02	20.02	20.01				
10	16QAM	50	0	20.00	20.02	20.01				
10	64QAM	1	0	20.18	20.17	20.00				
10	64QAM	1	25	20.49	20.25	20.30		21	2	
10	64QAM	1	49	20.06	20.38	20.31				
10	64QAM	25	0	18.01	18.02	18.00				
10	64QAM	25	12	18.05	18.01	18.07		20	3	
10	64QAM	25	25	18.02	18.02	18.06				
10	64QAM	50	0	18.05	18.06	18.03				
Channel				23065	23096	23165				
Frequency (MHz)										
5	QPSK	1	0	21.71	21.72	21.73				
5	QPSK	1	12	21.76	21.82	21.73		23	0	
5	QPSK	1	24	21.75	21.71	21.71				
5	QPSK	12	0	20.75	20.76	20.87				
5	QPSK	12	7	20.92	20.83	20.84		22	1	
5	QPSK	12	13	20.91	20.85	20.81				
5	QPSK	25	0	20.83	20.94	20.91				
5	16QAM	1	0	20.94	21.02	21.07				
5	16QAM	1	12	20.88	20.96	20.90		22	1	
5	16QAM	1	24	21.07	20.80	20.80				
5	16QAM	12	0	20.09	20.12	20.05				
5	16QAM	12	7	20.08	20.09	20.02		21	2	
5	16QAM	12	13	20.00	20.00	20.07				
5	16QAM	25	0	20.05	20.07	20.08				
5	64QAM	1	0	20.13	20.14	20.07				
5	64QAM	1	12	20.46	20.26	20.26		21	2	
5	64QAM	1	24	20.14	20.31	20.30				
5	64QAM	12	0	18.09	18.08	18.05				
5	64QAM	12	7	18.00	18.08	18.06		20	3	
5	64QAM	12	13	18.08	18.07	18.06				
5	64QAM	25	0	18.02	18.05	18.01				
Channel				23075	23096	23165				
Frequency (MHz)										
3	QPSK	1	0	21.75	21.71	21.70				
3	QPSK	1	8	21.73	21.78	21.75		23	0	
3	QPSK	1	14	21.70	21.75	21.72				
3	QPSK	8	0	20.77	20.92	20.87				
3	QPSK	8	4	20.93	20.79	20.86		22	1	
3	QPSK	8	7	20.85	20.83	20.81				
3	QPSK	15	0	20.82	20.91	20.92				
3	16QAM	1	0	20.96	21.03	21.07				
3	16QAM	1	8	20.87	20.93	20.90		22	1	
3	16QAM	1	14	21.07	20.71	21.06				
3	16QAM	8	0	20.00	20.01	20.05				
3	16QAM	8	4	20.08	20.00	20.01		21	2	
3	16QAM	8	7	20.01	20.03	20.05				
3	16QAM	15	0	20.02	20.01	20.02				
3	64QAM	1	0	20.05	20.13	20.00				
3	64QAM	1	8	20.47	20.28	20.29		21	2	
3	64QAM	1	14	20.01	20.38	20.26				
3	64QAM	8	0	18.00	18.03	18.01				
3	64QAM	8	4	18.04	18.00	18.05		20	3	
3	64QAM	8	7	18.00	18.00	18.07				
3	64QAM	15	0	18.04	18.03	18.00				
Channel				23077	23096	23173				
Frequency (MHz)										
1.4	QPSK	1	0	21.80	21.82	21.81				
1.4	QPSK	1	3	21.82	21.78	21.85				
1.4	QPSK	1	5	21.82	21.84	21.82		23	0	
1.4	QPSK	3	0	21.82	21.82	21.97				
1.4	QPSK	3	1	21.89	21.86	21.71				
1.4	QPSK	3	3	21.84	21.71	21.72				
1.4	QPSK	8	0	21.87	21.40	21.23				
1.4	16QAM	1	0	21.38	21.09	21.13		22	1	
1.4	16QAM	1	3	21.14	21.47	21.26				
1.4	16QAM	1	5	21.25	21.33	21.29				
1.4	16QAM	3	0	21.03	21.04	21.09		22	1	
1.4	16QAM	3	1	21.38	21.16	21.27				
1.4	16QAM	3	3	21.28	21.11	21.31				
1.4	16QAM	8	0	20.24	20.71	20.73		21	2	
1.4	64QAM	1	0	20.46	20.53	20.23				
1.4	64QAM	1	3	20.10	20.19	20.38				
1.4	64QAM	1	5	20.08	20.08	20.23		21	2	
1.4	64QAM	3	0	20.03	20.01	20.17				
1.4	64QAM	3	1	20.09	20.25	20.33				
1.4	64QAM	3	3	20.30	20.22	20.08		20	3	
1.4	64QAM	8	0	18.01	18.02	18.00				

Band 13_Ant1										
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23230	23230					
Frequency (MHz)										
10	QPSK	1	0		19.92					
10	QPSK	1	25		20.07			21.5	0	
10	QPSK	1	49		19.99					
10	QPSK	25	0		18.18					
10	QPSK	25	12		18.16			20.5	1	
10	QPSK	25	25		18.06					
10	QPSK	50	0		18.13					
10	16QAM	1	0		18.65					
10	16QAM	1	25		18.51			20.5	1	
10	16QAM	1	49		18.96					
10	16QAM	25	0		18.13					
10	16QAM	25	12		18.18			19.5	2	
10	16QAM	25	25		17.97					
10	16QAM	50	0		18.09					
10	64QAM	1	0		18.26					
10	64QAM	1	25		18.35			19.5	2	
10	64QAM	1	49		18.35					
10	64QAM	25	0		17.1					
10	64QAM	25	12		17.22			18.5	3	
10	64QAM	25	25		17.04					
10	64QAM	50	0		17.12					
Channel				23206	23230	23255				
Frequency (MHz)										
5	QPSK	1	0		19.83	19.87	19.9			
5	QPSK	1	12		20.02	20.02	20		21.5	0
5	QPSK	1	24		19.81	19.81	19.81			
5	QPSK	12	0		19.01	19.94	19.99			
5	QPSK	12	7		19.04	19.05	19.07		20.5	1
5	QPSK	12	13		19	18.01	18.94			
5	QPSK	25	0		18.12	18.04	18.11			
5	16QAM	1	0		18.6	18.58	18.63			
5	16QAM	1	12		18.22	18.27	18.22		20.5	1
5	16QAM	1	24		18.46	18.53	18.52			
5	16QAM	12	0		18.11	18.03	18.09			
5	16QAM	12	7		18.07	18.09	18.07		19.5	2
5	16QAM	12	13		17.84	17.85	17.88			
5	16QAM	25	0		18.04	18.05	18.03			
5	64QAM	1	0		18.13	18.2	18.17			
5	64QAM	1	12		18.33	18.26	18.21		19.5	2
5	64QAM	1	24		18.22	18.29	18.1			
5	64QAM	12	0		17.08	17.04	17.04			
5	64QAM	12	7		17.15	17.19	17.17		18.5	3
5	64QAM	12	13		18.86	18.86	18.88			
5	64QAM	25	0		17.08	17.04	17.05			

Band 14_Ant1										
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23330						
Frequency (MHz)										
10	QPSK	1	0			20.08				
10	QPSK	1	25			20.09		21.5	0	
10	QPSK	1	49			20.05				
10	QPSK	25	0			19.22				
10	QPSK	25	12			19.11		20.5	1	
10	QPSK	25	25			19.01				
10	QPSK	50	0			19.05				
10	16QAM	1	0			19.29				
10	16QAM	1	25			18.17		20.5	1	
10	16QAM	1	49			19.05				
10	16QAM	25	0			18.1				
10	16QAM	25	12			18.1		19.5	2	
10	16QAM	25	25			18.17				
10	16QAM	50	0			18.11				
10	64QAM	1	0			18.45				
10	64QAM	1	25			18.45		19.5	2	
10	64QAM	1	49			18.45				
10	64QAM	25	0			17.17				



Band 30_Ant1									
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0		17.3				
10	QPSK	1	25		17.37		18.5	0	
10	QPSK	1	49		17.3				
10	QPSK	25	0		16.41				
10	QPSK	25	12		16.4		17.5	1	
10	QPSK	25	25		16.37				
10	QPSK	50	0		16.33				
10	16QAM	1	0		17.02				
10	16QAM	1	25		16.66		17.5	1	
10	16QAM	1	49		16.85				
10	16QAM	25	0		15.44				
10	16QAM	25	12		15.33		16.5	2	
10	16QAM	25	25		15.33				
10	16QAM	50	0		15.29				
10	64QAM	1	0		15.2				
10	64QAM	1	25		15.03		16.5	2	
10	64QAM	1	49		15.12				
10	64QAM	25	0		14.39				
10	64QAM	25	12		14.5		15.5	3	
10	64QAM	25	25		14.44				
10	64QAM	50	0		14.4				
Channel									
Frequency (MHz)									
5	QPSK	1	0	17.24	17.35	17.24			
5	QPSK	1	12	17.21	17.23	17.26	18.5	0	
5	QPSK	1	24	17.26	17.23	17.24			
5	QPSK	12	0	16.27	16.28	16.23			
5	QPSK	12	7	16.36	16.39	16.3	17.5	1	
5	QPSK	12	13	16.25	16.28	16.26			
5	QPSK	25	0	16.31	16.23	16.23			
5	16QAM	1	0	16.91	16.94	16.97			
5	16QAM	1	12	16.81	16.59	16.59	17.5	1	
5	16QAM	1	24	16.94	16.81	16.77			
5	16QAM	12	0	15.36	15.37	15.41			
5	16QAM	12	7	15.22	15.22	15.21	16.5	2	
5	16QAM	12	13	15.25	15.24	15.32			
5	16QAM	25	0	15.23	15.21	15.16			
5	64QAM	1	0	15.13	15.07	15.1			
5	64QAM	1	12	15.14	15.05	15.07	16.5	2	
5	64QAM	1	24	15	15.07	15.02			
5	64QAM	12	0	14.37	14.37	14.36			
5	64QAM	12	7	14.43	14.48	14.49	15.5	3	
5	64QAM	12	13	14.43	14.34	14.41			
5	64QAM	25	0	14.37	14.32	14.36			

Band 30_Ant2									
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0		12.88				
10	QPSK	1	25		12.87		14	0	
10	QPSK	1	49		12.86				
10	QPSK	25	0		11.84				
10	QPSK	25	12		11.77		13	1	
10	QPSK	25	25		11.73				
10	QPSK	50	0		11.90				
10	16QAM	1	0		12.05				
10	16QAM	1	25		12.06		13	1	
10	16QAM	1	49		11.87				
10	16QAM	25	0		10.90				
10	16QAM	25	12		10.94		12	2	
10	16QAM	25	25		10.95				
10	16QAM	50	0		10.93				
10	64QAM	1	0		11.28				
10	64QAM	1	25		11.11		12	2	
10	64QAM	1	49		11.20				
10	64QAM	25	0		9.92				
10	64QAM	25	12		9.78		11	3	
10	64QAM	25	25		9.86				
10	64QAM	50	0		9.93				
Channel									
Frequency (MHz)									
5	QPSK	1	0	12.82	12.85	12.81			
5	QPSK	1	12	12.78	12.77	12.85	14	0	
5	QPSK	1	24	12.43	12.43	12.49			
5	QPSK	12	0	11.78	11.71	11.90			
5	QPSK	12	7	11.69	11.72	11.68	13	1	
5	QPSK	12	13	11.68	11.71	11.70			
5	QPSK	25	0	11.99	11.77	11.79			
5	16QAM	1	0	12.03	12.03	12.04			
5	16QAM	1	12	12.01	12.05	12.03	13	1	
5	16QAM	1	24	11.93	11.95	11.96			
5	16QAM	12	0	10.78	10.80	10.77			
5	16QAM	12	7	10.90	10.88	10.87	12	2	
5	16QAM	12	13	10.94	10.86	10.94			
5	16QAM	25	0	10.91	10.85	10.90			
5	64QAM	1	0	11.13	11.15	11.22			
5	64QAM	1	12	11.04	11.07	11.05	12	2	
5	64QAM	1	24	11.08	11.11	11.06			
5	64QAM	12	0	9.84	9.88	9.85			
5	64QAM	12	7	9.76	9.76	9.71	11	3	
5	64QAM	12	13	9.87	9.82	9.84			
5	64QAM	25	0	9.90	9.83	9.83			

Band 66_Ant1									
BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0		16.48	16.59	16.48		
20	QPSK	1	49		16.52	16.53	16.5	18	0
20	QPSK	1	99		16.45	16.55	16.5		
20	QPSK	50	0		15.68	15.74	15.7		
20	QPSK	50	24		15.8	15.71	15.81	17	1
20	QPSK	50	50		15.63	15.67	15.62		
20	QPSK	100	0		15.57	15.66	15.63		
20	16QAM	1	0		16.05	16.17	16.15		
20	16QAM	1	49		15.98	16.14	16.07	17	1
20	16QAM	1	99		16.04	16.11	16.06		
20	16QAM	50	0		14.61	14.7	14.67		
20	16QAM	50	24		14.6	14.73	14.66	16	2
20	16QAM	50	50		14.61	14.64	14.64		
20	16QAM	100	0		14.53	14.65	14.63		
20	64QAM	1	0		14.98	15.02	15		
20	64QAM	1	49		14.93	14.94	14.84	16	2
20	64QAM	1	99		14.97	14.71	14.94		
20	64QAM	50	0		13.71	13.8	13.74		
20	64QAM	50	24		13.59	13.82	13.59	15	3
20	64QAM	50	50		13.49	13.58	13.56		
20	64QAM	100	0		13.58	13.84	13.55		
Channel									
Frequency (MHz)									
15	QPSK	1	0		16.55	16.52	16.5		
15	QPSK	1	37		16.56	16.5	16.54	18	0
15	QPSK	1	74		16.43	16.44	16.47		
15	QPSK	38	0		15.66	15.66	15.66		
15	QPSK	38	20		15.62	15.7	15.58	17	1
15	QPSK	38	39		15.59	15.58	15.54		
15	QPSK	75	0		15.07	15.63	15.62		
15	16QAM	1	0		16.08	16.07	16.15		
15	16QAM	1	37		16.01	16.01	16.04	17	1
15	16QAM	1	74		16.02	16.03	16.05		
15	16QAM	38	0		14.61	14.68	14.58		
15	16QAM	38	20		14.69	14.61	14.6	16	2
15	16QAM	38	39		14.6	14.52	14.59		
15	16QAM	75	0		14.61	14.56	14.52		
15	64QAM	1	0		14.93	15	15.01		
15	64QAM	1	37		14.79	14.82	14.85	16	2
15	64QAM	1	74		14.87	14.87	14.87		
15	64QAM	38	0		13.75	13.71	13.78		
15	64QAM	38	20		13.57	13.6	13.6	15	3
15	64QAM	38	39		13.69	13.58	13.58		
15	64QAM	75	0		13.61	13.55	13.58		
Channel									
Frequency (MHz)									
10	QPSK	1	0		16.57	16.56	16.57		
10	QPSK	1	25		16.55	16.53	16.54	18	0
10	QPSK	1	49		16.48	16.43	16.47		
10	QPSK	25	0		15.7	15.74	15.72		
10	QPSK	25	12		15.8	15.88	15.58	17	1
10	QPSK	25	25		15.54	15.8	15.82		
10	QPSK	50	0		15.54	15.59	15.62		
10	16QAM	1	0		16.05	16.04	16.06		
10	16QAM	1	25		16.13	16.02	16.07	17	1
10	16QAM	1	49		16.09	16.09			



Reduced Power Mode for Sensor on

<GSM Power State>

GSM850_Ant1	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
	128	189	251	Limit		128	189	251	Limit	
TX Channel	826.2	836.4	846.6	(dBm)	826.2	836.4	846.6	(dBm)		
Frequency (MHz)	826.2	836.4	846.6		826.2	836.4	846.6			
GSM 1 Tx slot	26.83	26.92	26.87	26.50	17.83	17.92	17.87	17.50		
GPRS 1 Tx slot	26.80	26.91	26.87	26.50	17.80	17.91	17.87	17.50		
GPRS 2 Tx slots	27.20	27.36	27.32	26.00	21.20	21.36	21.32	22.00		
GPRS 3 Tx slots	25.24	25.37	25.31	26.50	20.98	21.11	21.05	22.24		
GPRS 4 Tx slots	24.27	24.25	24.21	25.50	21.27	21.25	21.21	22.50		
EDGE 1 Tx slot	22.41	22.29	22.30	23.00	19.41	19.29	19.30	14.00		
EDGE 2 Tx slots	21.34	21.04	21.42	22.00	18.34	18.04	18.42	18.00		
EDGE 3 Tx slots	19.34	18.11	18.26	19.50	15.08	14.85	15.00	15.24		
EDGE 4 Tx slots	18.11	17.81	17.94	18.50	15.11	14.81	14.94	15.50		

GSM1900_Ant1	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
	512	661	810	Limit		512	661	810	Limit	
TX Channel	1850.2	1860	1869.8	(dBm)	1850.2	1860	1869.8	(dBm)		
Frequency (MHz)	1850.2	1860	1869.8		1850.2	1860	1869.8			
GSM 1 Tx slot	23.34	23.32	23.36	24.50	14.34	14.32	14.36	15.50		
GPRS 1 Tx slot	23.36	23.33	23.30	24.50	14.36	14.33	14.30	15.50		
GPRS 2 Tx slots	22.91	22.86	22.81	24.00	16.91	16.86	16.81	18.00		
GPRS 3 Tx slots	21.38	21.45	21.41	22.50	17.12	17.19	17.15	18.24		
GPRS 4 Tx slots	20.30	20.27	20.36	21.50	17.30	17.27	17.36	18.50		
EDGE 1 Tx slot	20.16	20.09	20.16	21.50	11.16	11.09	11.16	12.50		
EDGE 2 Tx slots	19.22	19.27	19.16	20.50	13.22	13.27	13.18	14.50		
EDGE 3 Tx slots	17.41	17.39	17.41	18.50	13.15	13.13	13.15	14.24		
EDGE 4 Tx slots	16.38	16.28	16.39	17.50	13.38	13.28	13.39	14.50		

Band	WCDMA I_Ant1	Tune-up Limit	WCDMA IV_Ant1			Tune-up Limit	WCDMA V_Ant1			Tune-up Limit
			4152	4152	4152		4152	4152	4152	
TX Channel	5652	8600	8638	1512	1413	1513	4152	4152	4223	
Rx Channel	5652	8600	8638	1512	1413	1513	4152	4407	4458	
Frequency (MHz)	1852.4	1860	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6	
3GPP Rel 99	16.84	16.99	16.99	18.00	17.14	17.14	18.00	16.94	16.96	18.97
3GPP Rel 99	16.89	17.01	17.03	18.03	17.16	17.22	17.24	18.00	19.03	19.01
3GPP Rel 6	15.96	16.10	16.04	17.00	16.16	16.20	16.21	17.00	18.03	18.01
3GPP Rel 6	15.90	15.98	15.75	17.00	16.13	16.10	16.13	17.00	17.99	17.93
3GPP Rel 6	15.43	15.44	15.45	16.50	15.64	15.64	16.50	17.49	17.48	17.57
3GPP Rel 6	15.44	15.46	15.40	16.50	15.66	15.61	15.58	16.50	17.53	17.49
3GPP Rel 6	14.99	15.01	15.02	17.00	15.21	15.19	15.21	17.00	17.26	17.24
3GPP Rel 6	15.01	15.08	15.06	17.00	15.14	15.23	15.12	17.00	17.30	17.25
3GPP Rel 6	14.69	14.66	14.65	16.50	14.75	14.75	14.72	16.50	16.85	16.87
3GPP Rel 6	14.70	14.74	14.73	16.50	14.62	14.71	14.64	16.50	16.89	16.87
3GPP Rel 6	13.33	13.34	13.33	15.00	13.41	13.46	13.51	15.00	15.50	15.47
3GPP Rel 6	13.32	13.34	13.38	15.00	13.41	13.38	13.42	15.00	15.54	15.48
3GPP Rel 6	14.29	14.22	14.32	16.00	14.44	14.44	14.49	16.00	16.47	16.39
3GPP Rel 6	12.75	12.83	12.76	14.50	13.05	13.05	13.00	14.50	14.99	14.95
3GPP Rel 6	13.94	13.92	14.02	16.00	14.77	14.73	14.78	16.00	16.45	16.38
3GPP Rel 7	12.63	12.64	12.62	14.50	12.87	12.84	12.95	14.50	14.82	14.80

GSM850_Ant2	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
	128	189	251	Limit		128	189	251	Limit	
TX Channel	826.2	836.4	846.6	(dBm)	826.2	836.4	846.6	(dBm)		
Frequency (MHz)	826.2	836.4	846.6		826.2	836.4	846.6			
GSM 1 Tx slot	28.14	28.10	27.97	30.00	19.14	19.10	18.97	21.00		
GPRS 1 Tx slot	28.14	28.06	27.94	30.00	19.14	19.06	18.94	21.00		
GPRS 2 Tx slots	28.70	28.59	28.50	23.00	22.70	22.59	22.50	23.00		
GPRS 3 Tx slots	26.73	26.63	26.53	27.00	22.47	22.37	22.27	22.74		
GPRS 4 Tx slots	25.86	25.72	25.59	26.00	22.86	22.72	22.59	23.00		
EDGE 1 Tx slot	24.11	24.01	24.07	25.00	15.11	15.01	15.07	16.00		
EDGE 2 Tx slots	23.21	22.96	23.10	24.00	17.21	16.96	17.10	18.00		
EDGE 3 Tx slots	21.04	20.92	20.81	22.00	16.78	16.66	16.55	17.74		
EDGE 4 Tx slots	19.96	19.74	19.72	20.00	16.96	16.74	16.72	17.00		

GSM1900_Ant2	Burst Average Power (dBm)				Tune-up Limit	Frame-Average Power (dBm)				Tune-up Limit
	512	661	810	Limit		512	661	810	Limit	
TX Channel	1850.2	1860	1869.8	(dBm)	1850.2	1860	1869.8	(dBm)		
Frequency (MHz)	1850.2	1860	1869.8		1850.2	1860	1869.8			
GSM 1 Tx slot	23.37	23.15	23.26	25.50	14.37	14.15	14.26	16.50		
GPRS 1 Tx slot	23.36	23.28	23.31	25.50	14.36	14.28	14.31	16.50		
GPRS 2 Tx slots	24.20	24.05	24.12	24.50	16.20	16.05	16.12	18.50		
GPRS 3 Tx slots	22.22	22.07	22.16	22.50	17.86	17.81	17.90	18.24		
GPRS 4 Tx slots	21.23	21.07	21.24	21.50	18.23	18.07	18.24	18.50		
EDGE 1 Tx slot	22.18	22.22	22.14	22.50	13.18	13.22	13.14	13.50		
EDGE 2 Tx slots	21.19	21.33	21.21	21.50	15.19	15.33	15.21	15.50		
EDGE 3 Tx slots	19.09	19.16	19.18	19.50	14.83	14.90	14.92	15.24		
EDGE 4 Tx slots	18.21	18.18	18.25	18.50	15.21	15.18	15.25	15.50		

Band	WCDMA I_Ant2	Tune-up Limit	WCDMA V_Ant2			Tune-up Limit
			4152	4152	4223	
TX Channel	5652	8600	8638	4152	4152	4223
Rx Channel	5652	8600	8638	4152	4407	4458
Frequency (MHz)	1852.4	1860	1907.6	826.4	836.4	846.6
3GPP Rel 99	16.89	16.85	16.81	18.00	20.23	20.18
3GPP Rel 99	16.93	16.89	16.94	18.00	20.28	20.22
3GPP Rel 6	15.94	15.93	15.89	17.00	19.27	19.30
3GPP Rel 6	15.89	15.81	15.73	17.00	19.34	19.19
3GPP Rel 6	15.41	15.29	15.32	16.50	18.82	18.84
3GPP Rel 6	15.39	15.29	15.36	16.50	18.80	18.65
3GPP Rel 6	15.20	15.23	15.18	17.00	18.26	18.23
3GPP Rel 6	15.16	15.18	15.09	17.00	18.26	18.26
3GPP Rel 6	14.86	14.90	14.69	16.50	17.89	17.86
3GPP Rel 6	14.56	14.50	14.57	16.50	17.82	17.88
3GPP Rel 6	13.17	13.17	13.22	15.00	16.45	16.46
3GPP Rel 6	13.24	13.29	13.17	15.00	16.51	16.44
3GPP Rel 6	14.23	14.23	14.27	16.00	17.39	17.41
3GPP Rel 6	12.73	12.85	12.71	14.50	15.89	15.97
3GPP Rel 6	14.11	14.12	14.16	16.00	17.34	17.25
3GPP Rel 7	12.59	12.55	12.65	14.50	15.84	15.86







Band 5\_Ant1

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Tuning, MPR. Contains multiple rows of modulation schemes (QPSK, 16QAM, 64QAM) and their parameters across various frequency channels.

Band 5\_Ant2

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Tuning, MPR. Contains multiple rows of modulation schemes (QPSK, 16QAM, 64QAM) and their parameters across various frequency channels.

Band 12\_Ant1

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power, Tuning, MPR. Contains multiple rows of modulation schemes (QPSK, 16QAM, 64QAM) and their parameters across various frequency channels.







Reduced Power Mode for Handheld on

<GSM Power Stat>

GSM900_Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	834.4	844.6	(dBm)	824.2	834.4	844.6	(dBm)
GSM 1 Tx slot	31.12	31.11	31.13	32.50	22.12	22.11	22.13	23.50
GPRS 1 Tx slot	31.01	31.02	31.01	32.50	22.01	22.02	22.01	23.50
GPRS 2 Tx slots	30.81	30.51	30.51	32.00	21.61	21.51	21.51	23.00
GPRS 3 Tx slots	29.08	29.07	29.07	30.50	24.82	24.81	24.81	26.24
GPRS 4 Tx slots	27.72	27.70	27.67	29.50	24.72	24.70	24.67	26.50
EDGE 1 Tx slot	25.96	25.95	25.96	27.00	18.96	18.95	18.96	18.00
EDGE 2 Tx slots	24.78	24.76	24.76	26.00	18.76	18.76	18.76	20.00
EDGE 3 Tx slots	22.79	22.71	22.70	23.50	18.53	18.45	18.44	19.24
EDGE 4 Tx slots	21.51	21.53	21.57	22.50	18.51	18.53	18.57	19.50

GSM1900_Ant1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1852.2	1860	1869.8	(dBm)	1852.2	1860	1869.8	(dBm)
GSM 1 Tx slot	24.28	24.30	24.31	25.50	15.28	15.30	15.31	16.50
GPRS 1 Tx slot	24.35	24.40	24.29	25.50	15.35	15.40	15.29	16.50
GPRS 2 Tx slots	23.91	23.87	23.84	25.00	14.91	14.87	14.84	16.00
GPRS 3 Tx slots	22.60	22.38	22.42	23.50	13.14	13.12	13.16	13.24
GPRS 4 Tx slots	21.38	21.28	21.41	22.50	13.38	13.28	13.41	13.50
EDGE 1 Tx slot	21.14	21.12	21.19	22.50	12.14	12.12	12.19	13.50
EDGE 2 Tx slots	20.21	20.18	20.16	21.50	11.21	11.18	11.16	12.50
EDGE 3 Tx slots	18.39	18.48	18.41	19.50	14.13	14.22	14.15	15.24
EDGE 4 Tx slots	17.33	17.36	17.29	18.50	14.33	14.36	14.29	15.50

Band	TX Channel	WCDMA II_Ant1			Tune-up Limit (dBm)	WCDMA IV_Ant1			Tune-up Limit (dBm)	WCDMA V_Ant1			Tune-up Limit (dBm)
		9562	9600	9638		1312	1413	1513		4152	4192	4232	
3GPP Rel 99	AMR 12.2kops	18.45	18.53	18.57	19.50	19.10	19.15	19.14	20.00	22.55	22.51	22.52	24.00
3GPP Rel 99	AMR 12.2kops	18.51	18.57	18.62	19.50	19.13	19.18	19.21	20.00	22.60	22.55	22.53	24.00
3GPP Rel 6	HSDPA Subtest-1	17.48	17.60	17.59	18.50	18.12	18.22	18.18	19.00	21.38	21.44	21.38	23.00
3GPP Rel 6	HSDPA Subtest-2	17.37	17.50	17.53	18.50	18.09	18.06	18.13	19.00	21.42	21.41	21.28	23.00
3GPP Rel 6	HSDPA Subtest-3	16.92	17.00	16.96	18.00	17.68	17.56	17.64	18.50	20.98	20.89	20.82	22.50
3GPP Rel 6	HSDPA Subtest-4	16.90	16.97	16.96	18.00	17.62	17.55	17.71	18.50	21.01	20.93	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.57	16.59	16.53	18.50	17.21	17.10	17.11	19.00	21.35	21.43	21.37	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.67	16.64	16.63	18.50	17.12	17.17	17.21	19.00	21.38	21.40	21.28	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.27	16.26	16.21	18.00	16.74	16.70	16.72	18.50	20.96	20.97	20.79	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.40	16.38	16.32	18.00	16.66	16.67	16.61	18.50	21.00	20.90	20.78	22.50
3GPP Rel 6	HSUPA Subtest-1	14.95	14.86	14.91	16.50	15.46	15.42	15.43	17.00	19.53	19.47	19.45	21.00
3GPP Rel 6	HSUPA Subtest-2	14.91	14.86	14.97	16.50	15.30	15.34	15.40	17.00	19.57	19.50	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	15.82	15.85	15.91	17.50	16.45	16.51	16.44	18.00	20.49	20.32	20.47	22.00
3GPP Rel 6	HSUPA Subtest-4	14.32	14.33	14.40	16.00	15.01	14.94	15.06	16.50	18.01	18.98	18.95	20.50
3GPP Rel 6	HSUPA Subtest-5	15.55	15.62	15.53	17.50	16.78	16.74	16.77	18.00	20.46	20.40	20.40	22.00
3GPP Rel 7	HSPA (HSPA) Subtest-1	14.21	14.22	14.32	16.00	14.90	14.90	14.89	16.50	18.88	18.81	18.84	20.50

GSM900_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	834.4	844.6	(dBm)	824.2	834.4	844.6	(dBm)
GSM 1 Tx slot	29.11	29.16	29.08	31.00	20.11	20.16	20.08	22.00
GPRS 1 Tx slot	29.17	29.15	29.24	31.00	20.17	20.15	20.24	22.00
GPRS 2 Tx slots	28.48	28.44	28.46	30.00	22.48	22.44	22.46	24.00
GPRS 3 Tx slots	27.27	27.27	27.19	28.00	23.01	23.01	22.93	23.74
GPRS 4 Tx slots	25.76	25.69	25.71	27.00	22.76	22.69	22.71	24.00
EDGE 1 Tx slot	24.35	24.36	24.34	26.00	19.36	19.36	19.34	17.00
EDGE 2 Tx slots	23.42	23.34	23.41	25.00	17.42	17.34	17.41	19.00
EDGE 3 Tx slots	21.38	21.39	21.34	23.00	17.12	17.13	17.08	18.74
EDGE 4 Tx slots	20.15	20.18	20.18	21.00	17.15	17.18	17.18	18.00

GSM1900_Ant2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1852.2	1860	1869.8	(dBm)	1852.2	1860	1869.8	(dBm)
GSM 1 Tx slot	25.40	25.32	25.43	26.50	16.40	16.32	16.43	17.50
GPRS 1 Tx slot	25.32	25.42	25.39	26.50	16.32	16.42	16.39	17.50
GPRS 2 Tx slots	24.68	24.76	24.74	25.50	16.88	16.76	16.74	18.50
GPRS 3 Tx slots	23.43	23.43	23.50	23.50	15.17	15.17	15.24	16.24
GPRS 4 Tx slots	22.05	22.07	22.08	22.50	15.05	15.07	15.08	16.50
EDGE 1 Tx slot	22.90	22.91	22.95	23.50	13.90	13.91	13.95	14.50
EDGE 2 Tx slots	22.08	22.14	22.15	22.50	13.08	13.14	13.15	15.50
EDGE 3 Tx slots	20.26	20.22	20.17	20.50	16.00	15.96	15.91	16.24
EDGE 4 Tx slots	19.15	19.17	19.23	19.50	16.15	16.17	16.23	16.50

Band	TX Channel	WCDMA II_Ant2			Tune-up Limit (dBm)	WCDMA V_Ant2			Tune-up Limit (dBm)
		9562	9600	9638		4152	4192	4232	
3GPP Rel 99	AMR 12.2kops	16.74	16.73	16.78	18.50	21.53	21.49	21.42	23.00
3GPP Rel 99	AMR 12.2kops	16.77	16.77	16.81	18.50	21.72	21.52	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	15.84	15.88	15.81	17.50	20.36	20.40	20.35	22.00
3GPP Rel 6	HSDPA Subtest-2	15.76	15.65	15.76	17.50	20.33	20.30	20.29	22.00
3GPP Rel 6	HSDPA Subtest-3	15.10	15.16	15.07	17.00	19.98	19.90	19.88	21.50
3GPP Rel 6	HSDPA Subtest-4	15.24	15.24	15.15	17.00	19.92	19.89	19.85	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.85	15.76	15.85	17.50	20.32	20.39	20.33	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.72	15.61	15.72	17.50	20.31	20.28	20.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.03	15.07	15.15	17.00	19.97	19.85	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.16	15.19	15.18	17.00	19.90	19.84	19.80	21.50
3GPP Rel 6	HSUPA Subtest-1	13.95	13.96	13.90	15.50	18.51	18.42	18.38	20.00
3GPP Rel 6	HSUPA Subtest-2	13.91	13.71	13.81	15.50	18.53	18.43	18.35	20.00
3GPP Rel 6	HSUPA Subtest-3	14.82	14.77	14.81	16.50	19.50	19.44	19.41	21.00
3GPP Rel 6	HSUPA Subtest-4	13.26	13.29	13.31	15.00	17.99	17.89	17.87	19.50
3GPP Rel 6	HSUPA Subtest-5	14.65	14.68	14.69	16.50	19.40	19.38	19.38	21.00
3GPP Rel 7	HSPA (HSPA) Subtest-1	13.17	13.16	13.14	15.00	17.95	17.85	17.80	19.50











### Band 30\_Ant1

BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.32			19.5	0
10	QPSK	1	25	18.51				
10	QPSK	1	49	18.69				
10	QPSK	25	0	17.64			18.5	1
10	QPSK	25	12	17.6				
10	QPSK	25	25	17.56				
10	QPSK	50	0	17.52			18.5	1
10	16QAM	1	0	17.82				
10	16QAM	1	25	17.81				
10	16QAM	1	49	17.41			17.5	2
10	16QAM	25	0	16.77				
10	16QAM	25	12	16.72				
10	16QAM	25	25	16.8			17.5	2
10	16QAM	50	0	16.72				
10	16QAM	50	25	16.97				
10	64QAM	1	0	16.97			16.5	3
10	64QAM	1	25	16.97				
10	64QAM	1	49	16.77				
10	64QAM	25	0	15.86			16.5	3
10	64QAM	25	12	15.68				
10	64QAM	25	25	15.75				
10	64QAM	50	0	15.75				
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.25	18.24	18.23	19.5	0
5	QPSK	1	12	18.38	18.5	18.47		
5	QPSK	1	24	18.38	18.43	18.36		
5	QPSK	12	0	17.57	17.61	17.56	18.5	1
5	QPSK	12	7	17.51	17.53	17.56		
5	QPSK	12	13	17.56	17.48	17.43		
5	QPSK	25	0	17.30	17.48	17.46	18.5	1
5	16QAM	1	0	17.77	17.81	17.82		
5	16QAM	1	12	17.89	17.74	17.76		
5	16QAM	1	24	17.55	17.57	17.53	17.5	2
5	16QAM	12	0	16.74	16.71	16.74		
5	16QAM	12	7	16.8	16.65	16.65		
5	16QAM	12	13	16.58	16.58	16.52	17.5	2
5	16QAM	25	0	16.71	16.59	16.64		
5	16QAM	25	0	16.96	16.93	16.82		
5	64QAM	1	0	16.52	16.6	16.59	16.5	3
5	64QAM	1	12	16.7	16.72	16.74		
5	64QAM	1	24	16.7	16.72	16.74		
5	64QAM	12	0	15.81	15.84	15.83	16.5	3
5	64QAM	12	7	15.8	15.59	15.63		
5	64QAM	12	13	15.72	15.65	15.69		
5	64QAM	25	0	15.69	15.66	15.72		

### Band 30\_Ant2

BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.33			19.5	0
10	QPSK	1	25	18.35				
10	QPSK	1	49	18.17				
10	QPSK	25	0	17.23			18.5	1
10	QPSK	25	12	17.21				
10	QPSK	25	25	17.22				
10	QPSK	50	0	17.29			18.5	1
10	16QAM	1	0	17.21				
10	16QAM	1	25	17.17				
10	16QAM	1	49	17.16			17.5	2
10	16QAM	25	0	16.28				
10	16QAM	25	12	16.17				
10	16QAM	25	25	16.25			17.5	2
10	16QAM	50	0	16.31				
10	16QAM	50	25	16.41				
10	64QAM	1	0	16.41			16.5	3
10	64QAM	1	25	16.01				
10	64QAM	1	49	16.10				
10	64QAM	25	0	15.16			16.5	3
10	64QAM	25	12	15.30				
10	64QAM	25	25	15.10				
10	64QAM	50	0	15.17				
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.24	18.31	18.29	19.5	0
5	QPSK	1	12	18.24	18.33	18.27		
5	QPSK	1	24	18.10	18.05	18.08		
5	QPSK	12	0	17.21	17.15	17.22	18.5	1
5	QPSK	12	7	17.20	17.10	17.15		
5	QPSK	12	13	17.12	17.14	17.21		
5	QPSK	25	0	17.24	17.29	17.24	18.5	1
5	16QAM	1	0	17.15	17.08	17.14		
5	16QAM	1	12	17.14	17.16	17.13		
5	16QAM	1	24	17.16	17.15	17.08	17.5	2
5	16QAM	12	0	16.27	16.27	16.25		
5	16QAM	12	7	16.11	16.06	16.15		
5	16QAM	12	13	16.21	16.23	16.23	17.5	2
5	16QAM	25	0	16.27	16.21	16.18		
5	16QAM	25	0	16.26	16.31	16.34		
5	64QAM	1	0	15.89	15.92	15.89	17.5	2
5	64QAM	1	12	16.03	16.04	15.95		
5	64QAM	1	24	16.03	16.04	15.95		
5	64QAM	12	0	15.12	15.08	15.06	16.5	3
5	64QAM	12	7	15.25	15.27	15.29		
5	64QAM	12	13	15.09	15.01	15.05		
5	64QAM	25	0	15.12	15.16	15.16		

### Band 66\_Ant1

BW (MHz)	Modulatio n	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	18.4	18.47	18.52	20	0
20	QPSK	1	49	18.47	18.56	18.55		
20	QPSK	1	99	18.46	18.53	18.48		
20	QPSK	50	0	17.52	17.53	17.43	19	1
20	QPSK	50	24	17.49	17.44	17.41		
20	QPSK	50	50	17.46	17.5	17.38		
20	QPSK	100	0	17.39	17.46	17.22	19	1
20	16QAM	1	0	17.24	17.29	17.26		
20	16QAM	1	49	17.18	17.21	17.19		
20	16QAM	1	99	17.19	17.26	17.13	18	2
20	16QAM	50	0	16.4	16.54	16.25		
20	16QAM	50	24	16.59	16.37	16.29		
20	16QAM	50	50	16.37	16.32	16.15	18	2
20	16QAM	100	0	16.39	16.47	16.19		
20	16QAM	100	24	16.62	16.57	16.41		
20	64QAM	1	0	16.57	16.56	16.42	18	2
20	64QAM	1	49	16.54	16.51	16.37		
20	64QAM	1	99	16.54	16.51	16.37		
20	64QAM	50	0	15.42	15.44	15.21	17	3
20	64QAM	50	24	15.51	15.45	15.25		
20	64QAM	50	50	15.46	15.17	15.01		
20	64QAM	100	0	15.42	15.31	15.21		
Channel								
Frequency (MHz)								
15	QPSK	1	0	18.39	18.38	18.34	20	0
15	QPSK	1	37	18.43	18.51	18.44		
15	QPSK	1	74	18.45	18.5	18.48		
15	QPSK	36	0	17.41	17.41	17.43	19	1
15	QPSK	36	20	17.42	17.39	17.38		
15	QPSK	36	39	17.42	17.44	17.43		
15	QPSK	75	0	17.41	17.38	17.47	19	1
15	16QAM	1	0	17.24	17.28	17.17		
15	16QAM	1	37	17.14	17.11	17.17		
15	16QAM	1	74	17.25	17.19	17.17	18	2
15	16QAM	36	0	16.49	16.41	16.51		
15	16QAM	36	20	16.31	16.26	16.24		
15	16QAM	36	39	16.2	16.24	16.27	18	2
15	16QAM	75	0	16.37	16.4	16.46		
15	16QAM	75	0	16.46	16.47	16.49		
15	64QAM	1	0	16.46	16.47	16.49	18	2
15	64QAM	1	37	16.44	16.51	16.47		
15	64QAM	1	74	16.47	16.45	16.43		
15	64QAM	36	0	15.42	15.42	15.42	17	3
15	64QAM	36	20	15.4	15.41	15.36		
15	64QAM	36	39	15.12	15.18	15.28		
15	64QAM	75	0	15.29	15.27	15.24		
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.42	18.37	18.46	20	0
10	QPSK	1	25	18.45	18.53	18.47		
10	QPSK	1	49	18.54	18.51	18.49		
10	QPSK	25	0	17.44	17.46	17.45	19	1
10	QPSK	25	12	17.4	17.35	17.37		
10	QPSK	25	25	17.47	17.37	17.47		
10	QPSK	50	0	17.44	17.44	17.35	19	1
10	16QAM	1	0	17.2	17.23	17.23		
10	16QAM	1	25	17.14	17.19	17.13		
10	16QAM	1	49	17.13	17.16	17.15	18	2
10	16QAM	25	0	16.48	16.47	16.53		
10	16QAM	25	12	16.28	16.3	16.35		
10	16QAM	25	25	16.28	16.3	16.24	18	2
10	16QAM	50	0	16.42	16.41	16.39		
10	16QAM	50	25	16.46	16.49	16.55		
10	64QAM	1	0	16.46	16.49	16.45	18	2
10	64QAM	1	25	16.41	16.51	16.45		
10	64QAM	1	49	16.47	16.45	16.43		
10	64QAM	25	0	15.4				



2CC		PCC											Power		
Configure	CA Configuration (BCS)	PCC							SCC				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band	CA_2A-5A	2	20	1900	19100	QPSK	1	49	5	10	881.5	2525	22.57	22.64	
	CA_2A-12A	2	20	1900	19100	QPSK	1	49	12	10	737.5	5095	22.52	22.64	
	CA_2A-29A	2	20	1900	19100	QPSK	1	49	29	10	722.5	9715	22.60	22.64	
	CA_4A-5A	4	20	1732.5	20175	QPSK	1	49	5	10	881.5	2525	22.39	22.47	
	CA_4A-12A	4	20	1732.5	20175	QPSK	1	49	12	10	737.5	5095	22.43	22.47	
	CA_4A-29A	4	20	1732.5	20175	QPSK	1	49	29	10	722.5	9715	22.35	22.47	
	CA_5A-30A	5	10	829	20450	QPSK	1	25	30	10	2355	9820	22.52	22.55	
	CA_12A-30A	12	10	704	23060	QPSK	1	25	30	10	2355	9820	22.48	22.60	
	CA_13A-2A	13	10	782	23230	QPSK	1	25	2	20	1960	900	22.37	22.54	
CA_29A-30A	30	10	2310	27710	QPSK	1	25	29	10	722.5	9715	22.47	22.52		
Intra-Band	Non-Contiguous	CA_2A-2A	2	20	1900	19100	QPSK	1	49	2	5	1932.5	625	22.51	22.64
		CA_4A-4A	4	20	1732.5	20175	QPSK	1	49	4	5	2112.5	1975	22.33	22.47
		CA_66A-66A	66	20	1770	132572	QPSK	1	49	66	5	2112.5	66461	22.35	22.47
	Contiguous	CA_2C	2	20	1900	19100	QPSK	1	49	2	20	1960.2	902	22.42	22.64
		CA_5B	5	10	829	20450	QPSK	1	25	5	10	883.9	2549	22.51	22.55
		CA_66B	66	15	1772.5	132597	QPSK	1	37	66	5	2163.2	66968	22.40	22.47
CA_66C	66	20	1770	132572	QPSK	1	49	66	20	2150.2	66838	22.37	22.47		



WIFI&Bluetooth Power

BT 2.0

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	9.40	9.40	9.50	7.3	7.30	7.40	7.30	7.30	7.40	11.50
	CH 39	2441	9.40	9.40	9.50	7.6	7.60	7.70	7.60	7.60	7.70	11.50
	CH 78	2480	8.50	8.60	8.70	6.9	6.90	7.00	6.90	6.90	7.00	10.70

BT 4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	1.20	
	CH 19	2440	2.50	
	CH 39	2480	1.60	
Tune-up Limit			4.5	

BT 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.20	1.20
	CH 19	2440	2.50	2.60
	CH 39	2480	1.60	1.60
Tune-up Limit			4.50	4.60



2.4GHz WLAN ANT 3

2.4GHz WLAN ANT 3		• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN		Duty Cycle %	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)		Tune-Up Limit
802.11b 1Mbps	1	2412	19.40	21.40	17.05	19.00	11.93	13.90	17.82	19.80	11.25	13.20	11.25	13.20	19.40	21.40	16.22	18.20	99.31
	6	2437	19.60	21.60	17.11	19.10	12.02	14.00	17.94	19.90	11.33	13.30	11.33	13.30	19.60	21.60	16.42	18.40	
	11	2462	19.70	21.70	17.34	19.30	12.23	14.20	18.08	20.00	11.52	13.50	11.52	13.50	19.70	21.70	16.73	18.70	
802.11g 6Mbps	1	2412	18.30	20.30	16.23	18.20	Not Required	14.10	Not Required	19.00	Not Required	13.50	Not Required	13.50	18.30	20.30	Not Required	18.60	97.18
	6	2437	18.70	20.70	16.63	18.60		14.10		19.00		13.50		13.50	18.70	20.70		18.60	
	11	2462	18.90	20.90	16.42	18.40		14.10		19.00		13.50		13.50	18.90	20.90		18.60	
802.11n-HT20 MCS0	1	2412	17.20	19.20	Not Required	18.60	Not Required	14.10	Not Required	19.00	Not Required	13.50	Not Required	13.50	17.20	19.20	Not Required	18.60	96.61
	6	2437	17.90	19.90		18.60		14.10		19.00		13.50		13.50	17.90	19.90		18.60	
	11	2462	16.40	18.40		18.60		14.10		18.40		13.50		13.50	16.40	18.40		18.40	
802.11n-HT40 MCS0	3	2422	16.60	18.60	Not Required	18.60	Not Required	14.10	Not Required	18.60	Not Required	13.50	Not Required	13.50	16.60	18.60	Not Required	18.60	93.50
	6	2437	16.40	18.40		18.40		14.10		18.40		13.50		13.50	16.40	18.40		18.40	
	9	2452	14.90	16.90		16.90		14.00		16.90		13.50		13.50	14.90	16.90		16.90	



5.2GHz WLAN ANT 4																			
5.2GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	18.88	18.80	Not Required	18.10	Not Required	13.60	18.88	19.80	Not Required	14.10	Not Required	14.10	16.88	18.80	Not Required	18.80	96.82
	40	5200	18.45	20.40		18.10		13.60	18.45	20.40		14.10		14.10	18.45	20.40		19.10	
	44	5220	18.55	20.50		18.10		13.60	18.55	20.50		14.10		14.10	18.55	20.50		19.10	
	48	5240	18.67	20.60		18.10		13.60	18.67	20.60		14.10		14.10	18.67	20.60		19.10	
802.11n-HT20 MCS0	36	5180	16.17	18.10	Not Required	18.10	Not Required	13.60	16.17	18.10	Not Required	14.10	Not Required	14.10	16.17	18.10	Not Required	18.10	96.61
	40	5200	18.30	20.30		18.10		13.60	18.30	20.30		14.10		14.10	18.30	20.30		19.10	
	44	5220	18.29	20.20		18.10		13.60	18.29	20.20		14.10		14.10	18.29	20.20		19.10	
	48	5240	18.35	20.30		18.10		13.60	18.35	20.30		14.10		14.10	18.35	20.30		19.10	
802.11n-HT40 MCS0	38	5190	14.79	16.70	14.79	16.70	14.79	16.70	14.10	14.10	14.10	14.79	16.70	14.79	16.70	14.79	16.70	93.92	
	46	5230	17.43	19.40	16.13	18.10	13.60	17.43	19.40	14.10	14.10	14.10	17.43	19.40	17.43	19.10			
802.11ac-VHT20 MCS0	36	5180	16.25	18.20	Not Required	18.10	Not Required	13.60	16.25	18.20	Not Required	14.10	Not Required	14.10	16.25	18.20	Not Required	18.20	97.01
	40	5200	18.34	20.30		18.10		13.60	18.34	20.30		14.10		14.10	18.34	20.30		19.10	
	44	5220	18.36	20.30		18.10		13.60	18.36	20.30		14.10		14.10	18.36	20.30		19.10	
	48	5240	18.38	20.30		18.10		13.60	18.38	20.30		14.10		14.10	18.38	20.30		19.10	
802.11ac-VHT40 MCS0	38	5190	14.88	16.80	Not Required	16.80	Not Required	13.60	14.88	16.80	Not Required	14.10	Not Required	14.10	14.88	16.80	Not Required	16.80	93.97
	46	5230	17.48	19.40		18.10		13.60	17.48	19.40		14.10		14.10	17.48	19.40		19.10	
802.11ac-VHT80 MCS0	42	5210	14.48	16.40		16.40	11.75	13.60	14.48	16.40	12.41	14.10	12.41	14.10	14.48	16.40		16.40	87.84

5.3GHz WLAN ANT 4																			
5.3GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit			
802.11a 6Mbps	52	5280	18.60	20.60	Not Required	18.10	Not Required	13.60	18.60	20.60	Not Required	14.10	Not Required	14.10	18.60	20.60	Not Required	19.10	96.82
	56	5280	18.58	20.50		18.10		13.60	18.58	20.50		14.10		14.10	18.58	20.50		19.10	
	60	5300	18.54	20.50		18.10		13.60	18.54	20.50		14.10		14.10	18.54	20.50		19.10	
	64	5320	17.82	19.50		18.10		13.60	17.82	19.50		14.10		14.10	17.82	19.50		19.10	
802.11n-HT20 MCS0	52	5280	18.43	20.40	Not Required	18.10	Not Required	13.60	18.43	20.40	Not Required	14.10	Not Required	14.10	18.43	20.40	Not Required	19.10	96.61
	56	5280	18.36	20.30		18.10		13.60	18.36	20.30		14.10		14.10	18.36	20.30		19.10	
	60	5300	18.41	20.40		18.10		13.60	18.41	20.40		14.10		14.10	18.41	20.40		19.10	
	64	5320	17.76	19.70		18.10		13.60	17.76	19.70		14.10		14.10	17.76	19.70		19.10	
802.11n-HT40 MCS0	54	5270	17.56	19.50	16.24	18.10	Not Required	13.60	17.56	19.50	Not Required	14.10	Not Required	14.10	17.56	19.50	17.11	19.10	93.92
	62	5310	14.50	16.50	14.50	16.50	13.60	14.50	16.50	14.10	14.10	14.50	16.50	14.50	16.50				
802.11ac-VHT20 MCS0	52	5280	18.44	20.40	Not Required	18.10	Not Required	13.60	18.44	20.40	Not Required	14.10	Not Required	14.10	18.44	20.40	Not Required	19.10	97.01
	56	5280	18.40	20.40		18.10		13.60	18.40	20.40		14.10		14.10	18.40	20.40		19.10	
	60	5300	18.53	20.50		18.10		13.60	18.53	20.50		14.10		14.10	18.53	20.50		19.10	
	64	5320	17.82	19.80		18.10		13.60	17.82	19.80		14.10		14.10	17.82	19.80		19.10	
802.11ac-VHT40 MCS0	54	5270	17.61	19.60	Not Required	18.10	Not Required	13.60	17.61	19.60	Not Required	14.10	Not Required	14.10	17.61	19.60	Not Required	19.10	93.97
	62	5310	14.58	16.50		18.10		13.60	14.58	16.50		14.10		14.10	14.58	16.50		16.50	
802.11ac-VHT80 MCS0	58	5290	13.89	15.80		15.80	11.77	13.60	13.89	15.80	12.26	14.10	12.26	14.10	13.89	15.80		15.80	87.84

5.5GHz WLAN ANT 4																					
5.5GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit					
802.11a 6Mbps	100	5500	16.72	18.70	Not Required	18.60	Not Required	15.00	Not Required	16.50	Not Required	14.00	Not Required	16.72	18.70	16.72	18.70	Not Required	18.70	96.82	
	116	5580	18.50	20.50		18.60		15.00		18.50		20.50		14.00	14.00	18.50	20.50		17.73		19.50
	132	5660	17.95	19.90		18.60		15.00		17.95		19.90		14.00	14.00	17.95	19.90		17.01		19.00
	140	5700	15.44	17.40		17.40		15.00		15.44		17.40		14.00	14.00	15.44	17.40		16.98		18.90
802.11n-HT20 MCS0	100	5500	15.74	17.70	Not Required	17.70	Not Required	15.00	Not Required	16.50	Not Required	14.00	Not Required	15.74	17.70	15.74	17.70	Not Required	17.70	96.61	
	116	5580	18.53	20.50		18.60		15.00		18.53		20.50		14.00	14.00	18.53	20.50		19.50		
	132	5660	17.94	19.90		18.60		15.00		17.94		19.90		14.00	14.00	17.94	19.90		19.50		
	140	5700	15.05	17.00		17.00		15.00		15.05		17.00		14.00	14.00	15.05	17.00		17.00		
802.11n-HT40 MCS0	102	5510	15.89	17.80	15.89	17.80	Not Required	15.00	14.40	16.40	Not Required	14.00	Not Required	14.00	15.89	17.80	17.80	17.80	93.92		
	110	5550	17.11	19.10	16.61	18.60	Not Required	15.00	14.52	16.50	Not Required	14.00	Not Required	14.00	17.11	19.10	19.10	19.10			
802.11ac-VHT20 MCS0	134	5670	17.05	19.00	16.55	18.50	Not Required	15.00	14.40	16.40	Not Required	14.00	Not Required	14.00	17.05	19.00	Not Required	19.00	97.01		
	100	5500	15.80	17.80	17.80	15.00		15.80	17.80	14.00		14.00		15.80	17.80	17.80					
	116	5580	18.55	20.50	18.60	15.00		18.55	20.50	14.00		14.00		18.55	20.50	19.50					
	132	5660	17.97	19.90	18.60	15.00		17.97	19.90	14.00		14.00		17.97	19.90	19.50					
802.11ac-VHT40 MCS0	140	5700	15.09	17.00	Not Required	17.00	Not Required	15.00	Not Required	16.50	Not Required	14.00	Not Required	14.00	15.09	17.00	Not Required	17.00	93.97		
	102	5510	15.98	17.90		17.90		15.00		15.98		17.90		14.00	14.00	15.98		17.90		17.90	
	110	5550	17.31	19.30		18.60		15.00		17.31		19.30		14.00	14.00	17.31		19.30		19.30	
	134	5670	17.23	19.20		18.60		15.00		17.23		19.20		14.00	14.00	17.23		19.20		19.20	
802.11ac-VHT80 MCS0	106	5530	14.45	16.40		16.40	13.03	15.00		16.40	12.17	14.00	12.17	14.00	14.45	16.40		16.40	87.84		

5.8GHz WLAN ANT 4																					
5.8GHz WLAN ANT 4			• Default Power Table, Standalone WLAN		• At-Head Power Table, Standalone WLAN		• At-Head Power Table, Simultaneous WLAN+WWAN		• Body-Worn Power Table, Standalone WLAN		• Body-Worn Power Table, Simultaneous WLAN+WWAN		• MHS (Mobile Hotspot) Power Table, Simultaneous WLAN+WWAN		• Handheld Reduced power table, Standalone WLAN		• Handheld Reduced power table, Simultaneous WLAN+WWAN • Default Power Table, Simultaneous WLAN+WWAN		Duty Cycle %		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit			
802.11a 6Mbps	149	5745	17.97	19.90	Not Required	19.90	Not Required	14.50	Not Required	16.00	Not Required	11.50	Not Required	11.50	17.97	19.90	Not Required	18.50	96.82		
	157	5785	18.02	20.00		18.02		20.00		14.50		18.02		20.00	11.50	11.50		18.02		20.00	18.50
	165	5825	18.05	20.00		18.05		20.00		14.50		18.05		20.00	11.50	11.50		18.05		20.00	18.50
	149	5745	17.93	19.90		17.93		19.90		14.50		17.93		19.90	11.50	11.50		17.93		19.90	18.50
802.11n-HT20 MCS0	157	5785	17.90	19.90	Not Required	19.90	Not Required	14.50	Not Required	16.00	Not Required	11.50	Not Required	11.50	17.90	19.90	Not Required	18.50	96.61		
	165	5825	17.89	19.80		17.89		19.80		14.50		17.89		1							