



REPORT No.: SZ24090043S01

Annex E Conducted Power

Note:

Conducted power unit: dBm

The target power was recorded in the manufacturer's document.

Full Power for ANT 0 & ANT 1 & ANT 4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	128	189	251		128	189	251		
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	32.46	32.50	32.43	33.50	23.46	23.50	23.43	24.50	0.08
GPRS 1 Tx slot	32.48	32.51	32.43	33.50	23.48	23.51	23.43	24.50	
GPRS 2 Tx slots	29.44	29.48	29.45	30.50	23.44	23.48	23.45	24.50	0.04
GPRS 3 Tx slots	28.15	28.16	28.14	29.00	23.89	23.90	23.88	24.74	0.02
GPRS 4 Tx slots	27.05	27.17	27.16	28.00	24.05	24.17	24.16	26.00	0.12
EDGE 1 Tx slot	26.48	26.52	26.46	27.00	17.48	17.52	17.46	18.00	0.06
EDGE 2 Tx slots	23.41	23.47	23.44	24.00	17.41	17.47	17.44	18.00	0.06
EDGE 3 Tx slots	22.33	22.37	22.30	23.00	18.07	18.11	18.04	18.74	0.07
EDGE 4 Tx slots	21.23	21.26	21.20	22.00	18.23	18.26	18.20	19.00	0.06
Mode		Max.	32.51		Max.	24.17			
Attenuator	Cable Loss : 0.5								

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	512	661	810		512	661	810		
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1890	1909.8		1850.2	1890	1909.8		
GSM 1 Tx slot	29.30	29.33	29.25	30.50	20.30	20.33	20.25	21.50	0.33
GPRS 1 Tx slot	29.20	29.31	29.00	30.50	20.20	20.31	20.00	21.50	
GPRS 2 Tx slots	26.54	26.60	26.30	27.50	20.54	20.60	20.30	21.50	0.30
GPRS 3 Tx slots	25.16	25.20	25.14	26.00	20.90	20.94	20.88	21.74	0.06
GPRS 4 Tx slots	24.04	24.08	24.10	25.00	21.04	21.08	21.10	22.00	0.06
EDGE 1 Tx slot	25.40	25.47	25.43	26.50	16.40	16.47	16.43	17.50	0.07
EDGE 2 Tx slots	23.12	23.17	23.13	24.00	17.12	17.17	17.13	18.00	0.05
EDGE 3 Tx slots	22.03	22.17	22.09	23.00	17.77	17.91	17.83	18.74	0.14
EDGE 4 Tx slots	20.29	20.45	20.37	21.50	17.29	17.45	17.37	18.50	0.16
Mode		Max.	29.33		Max.	21.10			
Attenuator	Cable Loss : 0.8								

Band	WCDMA Band II (dBm)			Tune-up Limit (dBm)	WCDMA Band IV (dBm)			Tune-up Limit (dBm)	WCDMA Band V (dBm)			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	RMC 12-2Kbps	22.80	22.88	22.85	24.00	22.92	23.00	22.96	24.00	23.34	23.40	23.37	24.50
3GPP Rel 5	HSDPA Subtest-1	22.43	22.30	22.21	24.00	22.92	22.80	22.73	24.00	23.04	23.03	22.87	24.50
3GPP Rel 5	HSDPA Subtest-2	22.36	22.26	22.20	24.00	22.91	22.95	22.70	24.00	23.00	23.02	23.00	24.50
3GPP Rel 5	HSDPA Subtest-3	22.19	22.08	22.00	23.50	22.45	22.44	22.50	23.50	22.50	22.50	22.48	24.00
3GPP Rel 5	HSDPA Subtest-4	22.16	22.05	21.99	23.50	22.42	22.44	22.19	23.50	22.49	22.49	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.76	22.67	22.61	24.00	22.94	22.87	22.72	24.00	23.05	23.04	23.03	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.71	22.65	22.63	24.00	22.90	22.86	22.70	24.00	22.98	22.97	23.00	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.16	22.11	22.14	23.50	22.36	22.33	22.16	23.50	22.47	22.46	22.46	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.16	22.09	22.11	23.50	22.36	22.32	22.14	23.50	22.43	22.44	22.45	24.00
3GPP Rel 6	HSUPA Subtest-1	22.15	22.08	21.95	23.50	22.38	22.40	22.18	23.50	22.46	22.51	22.50	23.50
3GPP Rel 6	HSUPA Subtest-2	22.68	22.58	22.50	23.50	22.91	22.83	22.67	24.00	23.00	22.98	23.06	24.50
3GPP Rel 6	HSUPA Subtest-3	21.68	21.59	21.49	22.00	21.95	21.89	21.74	22.00	22.75	23.01	22.82	24.50
3GPP Rel 6	HSUPA Subtest-4	22.67	22.56	22.50	23.50	22.91	22.84	22.67	23.50	23.00	23.04	23.03	24.50
3GPP Rel 6	HSUPA Subtest-5	21.66	21.56	21.47	22.00	21.88	21.85	21.65	22.00	22.00	21.98	22.00	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.73	21.60	21.50	22.50	21.93	21.86	21.73	22.50	21.97	21.96	22.00	23.00
Attenuator	Cable Loss			0.8	Cable Loss			0.8	Cable Loss			0.6	
Mode		Max.	22.88		Max.	23.00		Max.	23.40				

1.4	QPSK	1	0	21.77	21.79	21.82	23
1.4	QPSK	1	3	21.65	21.67	21.60	
1.4	QPSK	1	5	21.57	21.64	21.61	
1.4	QPSK	3	0	20.93	21.00	20.95	
1.4	QPSK	3	1	20.89	20.83	20.81	
1.4	QPSK	3	3	20.86	20.89	20.82	
1.4	QPSK	6	0	20.89	20.90	20.79	22
1.4	16QAM	1	0	21.16	21.07	20.90	22
1.4	16QAM	1	3	21.04	21.13	21.08	
1.4	16QAM	1	5	21.06	20.91	21.05	
1.4	16QAM	3	0	19.85	19.80	19.84	
1.4	16QAM	3	1	20.06	19.91	19.90	
1.4	16QAM	3	3	19.93	19.96	19.98	
1.4	16QAM	6	0	19.91	19.93	19.89	21
1.4	64QAM	1	0	20.01	20.15	20.10	21
1.4	64QAM	1	3	20.04	20.08	19.98	
1.4	64QAM	1	5	20.14	20.02	19.84	
1.4	64QAM	3	0	19.99	19.88	19.88	
1.4	64QAM	3	1	19.82	19.83	19.90	
1.4	64QAM	3	3	19.95	19.88	19.93	
1.4	64QAM	6	0	19.87	19.90	19.89	21

1.4	QPSK	1	0	22.07	22.10	22.06	23.5
1.4	QPSK	1	3	21.91	21.92	21.93	
1.4	QPSK	1	5	21.83	21.85	21.88	
1.4	QPSK	3	0	21.14	21.21	21.25	
1.4	QPSK	3	1	20.95	20.98	20.99	
1.4	QPSK	3	3	20.92	20.95	21.01	
1.4	QPSK	6	0	20.89	20.98	20.93	22
1.4	16QAM	1	0	20.62	20.87	20.93	22
1.4	16QAM	1	3	20.87	20.93	20.78	
1.4	16QAM	1	5	20.94	20.93	21.04	
1.4	16QAM	3	0	20.00	19.96	20.01	
1.4	16QAM	3	1	20.03	19.92	19.96	
1.4	16QAM	3	3	20.08	19.94	19.95	
1.4	16QAM	6	0	20.00	19.99	19.97	21
1.4	64QAM	1	0	20.12	20.06	20.10	21.5
1.4	64QAM	1	3	19.92	19.94	20.10	
1.4	64QAM	1	5	20.02	20.03	20.14	
1.4	64QAM	3	0	19.94	19.91	19.92	
1.4	64QAM	3	1	19.93	19.95	20.08	
1.4	64QAM	3	3	19.97	19.94	20.12	
1.4	64QAM	6	0	19.95	19.92	20.03	21

Band 66 (dBm)							
BW (MHz)	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.75	22.76	22.74	24
20	QPSK	1	49	22.56	22.68	22.53	
20	QPSK	1	99	22.64	22.84	22.61	
20	QPSK	50	0	22.30	22.35	22.23	
20	QPSK	50	24	22.11	22.19	22.18	24
20	QPSK	50	50	22.20	22.15	22.17	
20	QPSK	100	0	22.16	22.21	22.18	
20	16QAM	1	0	22.46	22.41	22.43	
20	16QAM	1	49	22.33	22.42	22.19	23.5
20	16QAM	1	99	22.27	22.34	22.42	
20	16QAM	50	0	21.13	21.06	21.05	
20	16QAM	50	24	21.25	21.20	21.08	
20	16QAM	50	50	21.18	21.17	21.14	22.5
20	16QAM	100	0	21.19	21.16	21.06	
20	64QAM	1	0	21.42	21.39	21.40	
20	64QAM	1	49	21.30	21.40	21.14	
20	64QAM	1	99	21.21	21.34	21.35	22.5
20	64QAM	50	0	21.10	21.05	21.05	
20	64QAM	50	24	21.17	21.15	21.07	
20	64QAM	50	50	21.10	21.11	21.11	
20	64QAM	100	0	21.21	21.10	20.99	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.63	22.62	22.60	24
15	QPSK	1	37	22.49	22.61	22.46	
15	QPSK	1	74	22.57	22.57	22.54	
15	QPSK	36	0	22.23	22.28	22.16	
15	QPSK	36	20	22.04	22.12	22.11	24
15	QPSK	36	39	22.13	22.08	22.10	
15	QPSK	75	0	22.09	22.14	22.11	
15	16QAM	1	0	22.39	22.34	22.36	
15	16QAM	1	37	22.26	22.35	22.12	23.5
15	16QAM	1	74	22.20	22.27	22.35	
15	16QAM	36	0	21.06	20.99	20.98	
15	16QAM	36	20	21.18	21.13	21.01	
15	16QAM	36	39	21.11	21.10	21.07	22.5
15	16QAM	75	0	21.12	21.09	20.99	
15	64QAM	1	0	21.35	21.32	21.33	
15	64QAM	1	37	21.23	21.33	21.07	
15	64QAM	1	74	21.14	21.27	21.28	22.5
15	64QAM	36	0	21.03	20.98	20.98	
15	64QAM	36	20	21.10	21.08	21.00	
15	64QAM	36	39	21.03	21.04	21.04	
15	64QAM	75	0	21.14	21.03	20.92	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.56	22.55	22.53	24
10	QPSK	1	25	22.42	22.54	22.39	
10	QPSK	1	49	22.50	22.50	22.47	
10	QPSK	25	0	22.16	22.21	22.09	
10	QPSK	25	12	22.00	22.05	22.04	23.5
10	QPSK	25	25	22.06	22.01	22.03	
10	QPSK	50	0	22.02	22.07	22.04	
10	16QAM	1	0	22.32	22.27	22.29	
10	16QAM	1	25	22.19	22.28	22.05	23.5
10	16QAM	1	49	22.13	22.20	22.28	
10	16QAM	25	0	20.99	20.92	20.91	
10	16QAM	25	12	21.11	21.06	20.94	
10	16QAM	25	25	21.04	21.03	21.00	22.5
10	16QAM	50	0	21.05	21.02	20.92	
10	64QAM	1	0	21.28	21.25	21.26	
10	64QAM	1	25	21.16	21.26	21.00	
10	64QAM	1	49	21.07	21.20	21.21	22
10	64QAM	25	0	20.96	20.91	20.91	
10	64QAM	25	12	21.03	21.01	20.93	
10	64QAM	25	25	20.96	20.97	20.97	
10	64QAM	50	0	21.07	20.96	20.85	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.49	22.48	22.46	24
5	QPSK	1	12	22.35	22.47	22.32	
5	QPSK	1	24	22.43	22.43	22.40	
5	QPSK	12	0	22.09	22.14	22.02	
5	QPSK	12	7	21.90	21.98	21.97	23.5
5	QPSK	12	13	21.99	21.94	21.96	
5	QPSK	25	0	21.95	22.00	21.97	
5	16QAM	1	0	22.25	22.20	22.22	
5	16QAM	1	12	22.12	22.21	21.98	23.5
5	16QAM	1	24	22.06	22.13	22.21	
5	16QAM	12	0	20.92	20.85	20.84	
5	16QAM	12	7	21.04	20.99	20.87	
5	16QAM	12	13	20.97	20.96	20.93	22.5
5	16QAM	25	0	20.98	20.95	20.85	
5	64QAM	1	0	21.21	21.18	21.19	
5	64QAM	1	12	21.09	21.19	20.93	
5	64QAM	1	24	21.00	21.13	21.14	22
5	64QAM	12	0	20.89	20.84	20.84	
5	64QAM	12	7	20.96	20.94	20.86	
5	64QAM	12	13	20.89	20.90	20.90	
5	64QAM	25	0	21.00	20.89	20.78	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1773.5	
3	QPSK	1	0	22.42	22.41	22.39	23.5
3	QPSK	1	8	22.28	22.40	22.25	
3	QPSK	1	14	22.36	22.36	22.33	
3	QPSK	8	0	21.92	21.97	21.85	
3	QPSK	8	4	21.73	21.81	21.80	23
3	QPSK	8	7	21.82	21.77	21.79	
3	QPSK	15	0	21.78	21.83	21.80	
3	16QAM	1	0	22.08	22.03	22.05	
3	16QAM	1	8	21.95	22.04	21.81	23
3	16QAM	1	14	21.89	21.96	22.04	
3	16QAM	8	0	20.75	20.68	20.67	
3	16QAM	8	4	20.87	20.82	20.70	
3	16QAM	8	7	20.80	20.79	20.76	22
3	16QAM	15	0	20.81	20.78	20.68	
3	64QAM	1	0	21.04	21.01	21.02	
3	64QAM	1	8	20.92	21.02	20.76	
3	64QAM	1	14	20.83	20.96	20.97	22
3	64QAM	8	0	20.72	20.67	20.67	
3	64QAM	8	4	20.79	20.77	20.69	
3	64QAM	8	7	20.72	20.73	20.73	
3	64QAM	15	0	20.83	20.72	20.61	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	

1.4	QPSK	1	0	22.35	22.34	22.32	23.5
1.4	QPSK	1	3	22.21	22.33	22.18	
1.4	QPSK	1	5	22.29	22.29	22.26	
1.4	QPSK	3	0	21.57	21.62	21.50	
1.4	QPSK	3	1	21.38	21.46	21.45	
1.4	QPSK	3	3	21.47	21.42	21.44	
1.4	QPSK	6	0	21.43	21.48	21.45	22.5
1.4	16QAM	1	0	21.51	21.46	21.48	22.5
1.4	16QAM	1	3	21.38	21.47	21.24	
1.4	16QAM	1	5	21.32	21.39	21.47	
1.4	16QAM	3	0	20.40	20.33	20.32	
1.4	16QAM	3	1	20.52	20.47	20.35	
1.4	16QAM	3	3	20.45	20.44	20.41	
1.4	16QAM	6	0	20.46	20.43	20.33	21.5
1.4	64QAM	1	0	20.69	20.66	20.67	21.5
1.4	64QAM	1	3	20.57	20.67	20.41	
1.4	64QAM	1	5	20.48	20.61	20.62	
1.4	64QAM	3	0	20.37	20.32	20.32	
1.4	64QAM	3	1	20.44	20.42	20.34	
1.4	64QAM	3	3	20.37	20.38	20.38	
1.4	64QAM	6	0	20.48	20.37	20.26	21.5

2.4GHz WLAN ANT 4

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11b 1Mbps	CH 1	2412	15.48	16.50	15.00	99.55
	CH 6	2437	15.90	17.00	15.00	99.55
	CH 11	2462	15.64	16.50	15.00	99.57
802.11g 6Mbps	CH 1	2412	13.31	14.50	13.00	97.08
	CH 6	2437	17.72	18.50	17.00	97.08
	CH 11	2462	11.43	12.50	11.00	97.08
802.11n-HT20 MCS0	CH 1	2412	13.39	14.50	13.00	96.88
	CH 6	2437	17.56	18.50	17.00	96.88
	CH 11	2462	11.31	12.50	11.00	96.88
802.11n-HT40 MCS0	CH 3	2422	11.58	12.50	11.00	93.64
	CH 6	2437	14.11	15.00	13.50	93.93
	CH 9	2452	9.89	11.00	9.50	93.93
802.11ac-VHT20 MCS0	CH 1	2412	13.10	14.00	13.00	96.90
	CH 6	2437	17.24	18.00	17.00	96.90
	CH 11	2462	10.97	12.00	11.00	96.90
802.11ac-VHT40 MCS0	CH 3	2422	11.49	12.50	11.00	93.93
	CH 6	2437	13.94	15.00	13.50	93.93
	CH 9	2452	9.83	10.50	9.50	93.93

5GHz WLAN ANT 4

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 36	5180	15.54	16.50	13.14	96.53
	CH 44	5220	16.34	17.50	14.00	97.22
	CH 48	5240	15.75	16.50	13.50	96.53
802.11n-HT20 MCS0	CH 36	5180	15.38	16.50	13.00	96.30
	CH 44	5220	16.41	17.50	14.00	96.30
	CH 48	5240	15.72	16.50	13.50	97.01
802.11n-HT40 MCS0	CH 38	5190	14.31	15.50	12.00	94.20
	CH 46	5230	16.20	17.00	14.00	94.20
	CH 36	5180	15.35	16.50	13.00	97.06
802.11ac-VHT20 MCS0	CH 44	5220	16.27	17.50	14.00	97.04
	CH 48	5240	15.81	16.50	13.50	96.32
	CH 38	5190	14.26	15.00	12.00	94.20
802.11ac-VHT40 MCS0	CH 46	5230	16.20	17.00	14.00	94.20
	CH 42	5210	13.70	14.50	11.50	86.49

5GHz WLAN ANT 4

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 52	5260	19.15	20.00	17.00	96.53
	CH 60	5300	18.21	19.00	16.00	96.53
	CH 64	5320	15.20	16.00	13.00	97.20
802.11n-HT20 MCS0	CH 52	5260	19.33	20.00	17.00	96.30
	CH 60	5300	18.07	19.00	16.00	96.30
	CH 64	5320	15.09	16.00	13.00	96.30
802.11n-HT40 MCS0	CH 54	5270	16.53	17.50	14.50	92.86
	CH 62	5310	13.64	14.50	11.50	92.86
	CH 52	5260	19.40	20.50	17.00	97.06
802.11ac-VHT20 MCS0	CH 60	5300	18.07	19.00	16.00	96.32
	CH 64	5320	15.09	16.00	13.00	97.06
	CH 54	5270	16.53	17.50	14.50	92.86
802.11ac-VHT40 MCS0	CH 62	5310	13.65	14.50	11.50	94.29
	CH 58	5290	12.54	13.50	10.50	89.19

5GHz WLAN ANT 4

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 100	5500	12.76	13.50	10.00	96.53
	CH 116	5580	19.29	20.00	17.00	97.22
	CH 140	5700	19.30	20.00	9.50	97.20
802.11n-HT20 MCS0	CH 100	5500	12.51	13.50	10.00	96.30
	CH 116	5580	19.40	20.50	17.00	97.01
	CH 140	5700	12.08	13.00	9.50	97.01
802.11n-HT40 MCS0	CH 102	5510	11.47	12.50	9.00	94.20
	CH 110	5550	16.83	17.50	14.50	92.75
	CH 134	5670	14.56	15.50	12.00	94.20
802.11ac-VHT20 MCS0	CH 100	5500	12.42	13.50	10.00	96.32
	CH 116	5580	19.46	20.50	17.00	97.06
	CH 140	5700	12.08	13.00	9.50	96.32
802.11ac-VHT40 MCS0	CH 102	5510	11.49	12.50	9.00	92.86
	CH 110	5550	16.87	17.50	14.50	94.29
	CH 134	5670	14.56	15.50	12.00	94.20
802.11ac-VHT80 MCS0	CH 106	5530	12.55	13.50	10.13.5	88.89
	CH 122	5610	16.07	17.00		86.49

5GHz WLAN ANT 4

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
802.11a 6Mbps	CH 149	5745	18.38	19.00	17.00	97.22
	CH 157	5785	18.20	19.00	17.00	97.20
	CH 165	5825	18.27	19.00	17.00	97.20
802.11n-HT20 MCS0	CH 149	5745	18.18	19.00	17.00	96.30
	CH 157	5785	16.32	19.00	17.00	96.30
	CH 165	5825	16.29	19.00	17.00	96.30
802.11n-HT40 MCS0	CH 151	5755	16.94	18.00	15.00	92.75
	CH 159	5795	16.32	17.00	15.00	94.20
	CH 149	5745	18.65	19.50	17.00	96.32
802.11ac-VHT20 MCS0	CH 157	5785	18.37	19.00	17.00	97.04
	CH 165	5825	18.43	19.00	17.00	97.04
	CH 151	5755	16.47	17.50	15.00	94.20
802.11ac-VHT40 MCS0	CH 159	5795	16.33	17.00	15.00	92.86
	CH 155	5775	15.84	16.50	14.00	89.19

Mode	Channel	Frequency (MHz)	Average power (dBm)			Average power (dBm)			Average power (dBm)		
			1Mbps	Tune-Up Limit	Duty Cycle %	2Mbps	Tune-Up Limit	Duty Cycle %	3Mbps	Tune-Up Limit	Duty Cycle %
BR / EDR	CH 00	2402	10.80	11.50	76.91	10.83	11.50	40.69	10.77	11.50	77.03
	CH 39	2441	11.64	12.50	76.91	11.00	12.00	77.01	11.00	12.00	77.04
	CH 78	2480	11.92	13.00	77.07	11.33	12.00	77.17	11.39	12.00	77.17
	Power Setting			default			default			default	

Mode	Channel	Frequency (MHz)	1Mbps		
			Average power (dBm)	Tune-up Limit	Duty Cycle %
BLE	CH 00	2402	5.30	6.00	61.44
	CH 39	2441	6.28	7.00	61.44
	CH 78	2480	6.19	7.00	61.44
	Power Setting			default	

Reduced Power Level 1 for ANT 1

GSM1900 Ant 1 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.00	26.03	25.95	27.00	17.00	17.03	16.95	18.00
GPRS 1 Tx slot	25.90	26.01	25.70	27.00	16.90	17.01	16.70	18.00
GPRS 2 Tx slots	23.24	23.30	23.00	24.00	17.24	17.30	17.00	18.00
GPRS 3 Tx slots	21.86	21.90	21.84	23.00	17.60	17.64	17.58	18.74
GPRS 4 Tx slots	20.74	20.78	20.80	22.00	17.74	17.78	17.80	19.00
EDGE 1 Tx slot	22.10	22.17	22.13	23.00	13.10	13.17	13.13	14.00
EDGE 2 Tx slots	19.82	19.87	19.83	21.00	13.82	13.87	13.83	15.00
EDGE 3 Tx slots	18.73	18.87	18.79	20.00	14.47	14.61	14.53	15.74
EDGE 4 Tx slots	16.99	17.15	17.07	18.00	13.99	14.15	14.07	15.00
Mode		Max.	26.03			Max.	17.80	
Attenuator	Cable Loss : 0.8							

Band TX Channel	WCDMA Band II (dBm)_Ant 1			Tune-up Limit (dBm)	WCDMA Band IV (dBm)_Ant 1			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
Rx Channel	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 RMC 12.2Kbps	17.50	17.58	17.55	18.50	17.72	17.80	17.76	18.50
3GPP Rel 5 HSDPA Subtest-1	17.13	17.00	16.91	18.00	17.72	17.60	17.53	18.50
3GPP Rel 5 HSDPA Subtest-2	17.06	16.96	16.90	18.00	17.71	17.75	17.50	18.50
3GPP Rel 5 HSDPA Subtest-3	16.89	16.78	16.70	17.50	17.25	17.24	17.30	18.00
3GPP Rel 5 HSDPA Subtest-4	16.86	16.75	16.69	17.50	17.22	17.24	16.99	18.00
3GPP Rel 8 DC-HSDPA Subtest-1	17.46	17.37	17.31	18.50	17.74	17.67	17.52	18.50
3GPP Rel 8 DC-HSDPA Subtest-2	17.41	17.35	17.33	18.50	17.70	17.66	17.50	18.50
3GPP Rel 8 DC-HSDPA Subtest-3	16.86	16.81	16.84	18.00	17.16	17.13	16.96	18.00
3GPP Rel 8 DC-HSDPA Subtest-4	16.86	16.79	16.81	18.00	17.16	17.12	16.94	18.00
3GPP Rel 6 HSUPA Subtest-1	16.85	16.78	16.65	17.50	17.18	17.20	16.98	18.00
3GPP Rel 6 HSUPA Subtest-2	17.38	17.28	17.20	18.00	17.71	17.63	17.47	18.50
3GPP Rel 6 HSUPA Subtest-3	16.38	16.29	16.19	17.00	16.75	16.69	16.54	17.50
3GPP Rel 6 HSUPA Subtest-4	17.37	17.28	17.20	18.00	17.71	17.64	17.47	18.50
3GPP Rel 6 HSUPA Subtest-5	16.36	16.26	16.17	17.00	16.68	16.65	16.45	17.50
3GPP Rel 7 HSPA+ (10QAM) Subtest-1	16.43	16.30	16.20	17.00	16.73	16.66	16.53	17.50
Attenuator	Cable Loss			0.8	Cable Loss			0.8
Mode		Max.	17.58			Max.	17.80	

1.4	QPSK	1	0	17.47	17.49	17.52	19
1.4	QPSK	1	3	17.35	17.37	17.30	
1.4	QPSK	1	5	17.27	17.34	17.31	
1.4	QPSK	3	0	16.63	16.70	16.65	
1.4	QPSK	3	1	16.59	16.53	16.51	
1.4	QPSK	3	3	16.56	16.59	16.52	
1.4	QPSK	6	0	16.59	16.60	16.49	18
1.4	16QAM	1	0	16.86	16.77	16.60	18
1.4	16QAM	1	3	16.74	16.83	16.78	
1.4	16QAM	1	5	16.76	16.61	16.75	
1.4	16QAM	3	0	15.55	15.50	15.54	
1.4	16QAM	3	1	15.76	15.61	15.60	
1.4	16QAM	3	3	15.63	15.66	15.68	
1.4	16QAM	6	0	15.61	15.63	15.59	17
1.4	64QAM	1	0	15.71	15.85	15.80	17
1.4	64QAM	1	3	15.74	15.78	15.68	
1.4	64QAM	1	5	15.84	15.72	15.54	
1.4	64QAM	3	0	15.69	15.58	15.58	
1.4	64QAM	3	1	15.52	15.53	15.60	
1.4	64QAM	3	3	15.65	15.58	15.63	
1.4	64QAM	6	0	15.57	15.60	15.59	17

1.4	QPSK	1	0	17.37	17.40	17.36	18.5
1.4	QPSK	1	3	17.21	17.22	17.23	
1.4	QPSK	1	5	17.13	17.15	17.18	
1.4	QPSK	3	0	16.44	16.51	16.55	
1.4	QPSK	3	1	16.25	16.28	16.29	
1.4	QPSK	3	3	16.22	16.25	16.31	
1.4	QPSK	6	0	16.19	16.28	16.23	17.5
1.4	16QAM	1	0	15.92	16.17	16.23	17.5
1.4	16QAM	1	3	16.17	16.23	16.08	
1.4	16QAM	1	5	16.24	16.23	16.34	
1.4	16QAM	3	0	15.30	15.26	15.31	
1.4	16QAM	3	1	15.33	15.22	15.26	
1.4	16QAM	3	3	15.38	15.24	15.25	
1.4	16QAM	6	0	15.30	15.29	15.27	16.5
1.4	64QAM	1	0	15.42	15.36	15.40	16.5
1.4	64QAM	1	3	15.22	15.24	15.40	
1.4	64QAM	1	5	15.32	15.33	15.44	
1.4	64QAM	3	0	15.24	15.21	15.22	
1.4	64QAM	3	1	15.23	15.25	15.38	
1.4	64QAM	3	3	15.27	15.24	15.42	
1.4	64QAM	6	0	15.25	15.22	15.33	16.5

1.4	QPSK	1	0	17.65	17.64	17.62	19
1.4	QPSK	1	3	17.51	17.63	17.48	
1.4	QPSK	1	5	17.59	17.59	17.56	
1.4	QPSK	3	0	16.87	16.92	16.80	
1.4	QPSK	3	1	16.68	16.76	16.75	
1.4	QPSK	3	3	16.77	16.72	16.74	
1.4	QPSK	6	0	16.73	16.78	16.75	17.5
1.4	16QAM	1	0	16.81	16.76	16.78	17.5
1.4	16QAM	1	3	16.68	16.77	16.54	
1.4	16QAM	1	5	16.62	16.69	16.77	
1.4	16QAM	3	0	15.70	15.63	15.62	
1.4	16QAM	3	1	15.82	15.77	15.65	
1.4	16QAM	3	3	15.75	15.74	15.71	
1.4	16QAM	6	0	15.76	15.73	15.63	16.5
1.4	64QAM	1	0	15.99	15.96	15.97	16.5
1.4	64QAM	1	3	15.87	15.97	15.71	
1.4	64QAM	1	5	15.78	15.91	15.92	
1.4	64QAM	3	0	15.67	15.62	15.62	
1.4	64QAM	3	1	15.74	15.72	15.64	
1.4	64QAM	3	3	15.67	15.68	15.68	
1.4	64QAM	6	0	15.78	15.67	15.56	16.5

Reduced Power Level 2

5GHz WLAN ANT 4

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 4	802.11a 6Mbps	CH 52	5260	18.15	19.00	16.00	96.53
		CH 60	5300	17.21	18.00	15.00	96.53
		CH 64	5320	14.20	15.00	12.00	97.20
	802.11n-HT20 MCS0	CH 52	5260	18.33	19.00	16.00	96.30
		CH 60	5300	17.07	18.00	15.00	96.30
		CH 64	5320	14.09	15.00	12.00	96.30
	802.11n-HT40 MCS0	CH 54	5270	15.53	16.50	13.50	92.86
		CH 62	5310	12.64	13.50	10.50	92.86
	802.11ac-VHT20 MCS0	CH 52	5260	18.40	19.50	16.00	97.06
		CH 60	5300	17.07	18.00	15.00	96.32
		CH 64	5320	14.09	15.00	12.00	97.06
	802.11ac-VHT40 MCS0	CH 54	5270	15.53	16.50	13.50	92.86
		CH 62	5310	12.65	13.50	10.50	94.29
	802.11ac-VHT80 MCS0	CH 58	5290	11.54	12.50	9.50	89.19

Reduced Power Level 3 for ANT 0

Band		WCDMA Band IV (dBm)			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	22.42	22.50	22.46	23.50
3GPP Rel 5	HSDPA Subtest-1	22.42	22.30	22.23	23.50
3GPP Rel 5	HSDPA Subtest-2	22.41	22.45	22.20	23.50
3GPP Rel 5	HSDPA Subtest-3	21.95	21.94	22.00	23.00
3GPP Rel 5	HSDPA Subtest-4	21.92	21.94	21.69	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.44	22.37	22.22	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.40	22.36	22.20	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.83	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.86	21.82	21.64	22.50
3GPP Rel 6	HSUPA Subtest-1	21.88	21.90	21.68	22.50
3GPP Rel 6	HSUPA Subtest-2	22.41	22.33	22.17	23.50
3GPP Rel 6	HSUPA Subtest-3	21.45	21.39	21.24	22.00
3GPP Rel 6	HSUPA Subtest-4	22.41	22.34	22.17	23.50
3GPP Rel 6	HSUPA Subtest-5	21.38	21.35	21.15	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.43	21.36	21.23	22.00
Attenuator			Cable Loss	0.8	
Mode			Max.	22.50	

3	64QAM	8	7	19.52	19.49	19.67	20.5
3	64QAM	15	0	19.50	19.47	19.58	
Channel				19957	20175	20393	
Frequency (MHz)				1710.7	1732.5	1754.3	Time-up limit (dBm)
1.4	QPSK	1	0	21.57	21.60	21.56	22.5
1.4	QPSK	1	3	21.41	21.42	21.43	
1.4	QPSK	1	5	21.33	21.35	21.38	
1.4	QPSK	3	0	20.64	20.71	20.75	
1.4	QPSK	3	1	20.45	20.48	20.49	
1.4	QPSK	3	3	20.42	20.45	20.51	
1.4	QPSK	6	0	20.39	20.48	20.43	21.5
1.4	16QAM	1	0	20.12	20.37	20.43	21.5
1.4	16QAM	1	3	20.37	20.43	20.28	
1.4	16QAM	1	5	20.44	20.43	20.54	
1.4	16QAM	3	0	19.50	19.46	19.51	
1.4	16QAM	3	1	19.53	19.42	19.46	
1.4	16QAM	3	3	19.58	19.44	19.45	
1.4	16QAM	6	0	19.50	19.49	19.47	20.5
1.4	64QAM	1	0	19.62	19.56	19.60	20.5
1.4	64QAM	1	3	19.42	19.44	19.60	
1.4	64QAM	1	5	19.52	19.53	19.64	
1.4	64QAM	3	0	19.44	19.41	19.42	
1.4	64QAM	3	1	19.43	19.45	19.58	
1.4	64QAM	3	3	19.47	19.44	19.62	
1.4	64QAM	6	0	19.45	19.42	19.53	20.5

Band 66 (dBm)									
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)		
Channel				132072	132322	132572	Tune-up limit (dBm)		
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)		
20	QPSK	1	0	22.25	22.26	22.24	23.5		
20	QPSK	1	49	22.06	22.18	22.03	23.5		
20	QPSK	1	99	22.14	22.14	22.11	23.5		
20	QPSK	50	0	21.80	21.85	21.73	23.5		
20	QPSK	50	24	21.61	21.69	21.68	22.5		
20	QPSK	50	50	21.70	21.65	21.67	22.5		
20	QPSK	100	0	21.66	21.71	21.68	22.5		
20	16QAM	1	0	21.96	21.91	21.93	23		
20	16QAM	1	49	21.83	21.92	21.69	23		
20	16QAM	1	99	21.77	21.84	21.92	23		
20	16QAM	50	0	20.63	20.56	20.55	21.5		
20	16QAM	50	24	20.75	20.70	20.58	21.5		
20	16QAM	50	50	20.68	20.67	20.64	21.5		
20	16QAM	100	0	20.69	20.66	20.56	21.5		
20	64QAM	1	0	20.92	20.89	20.90	22		
20	64QAM	1	49	20.80	20.90	20.64	22		
20	64QAM	1	99	20.71	20.84	20.85	22		
20	64QAM	50	0	20.60	20.55	20.55	21.5		
20	64QAM	50	24	20.67	20.65	20.57	21.5		
20	64QAM	50	50	20.60	20.61	20.61	21.5		
20	64QAM	100	0	20.71	20.60	20.49	21.5		
Channel				132047	132322	132597	Tune-up limit (dBm)		
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)		
15	QPSK	1	0	22.13	22.12	22.10	23.5		
15	QPSK	1	37	21.99	22.11	21.96	23.5		
15	QPSK	1	74	22.07	22.07	22.04	23.5		
15	QPSK	36	0	21.73	21.78	21.66	22.5		
15	QPSK	36	20	21.54	21.62	21.61	22.5		
15	QPSK	36	39	21.63	21.58	21.60	22.5		
15	QPSK	75	0	21.59	21.64	21.61	22.5		
15	16QAM	1	0	21.89	21.84	21.86	23		
15	16QAM	1	37	21.76	21.85	21.62	23		
15	16QAM	1	74	21.70	21.77	21.85	23		
15	16QAM	36	0	20.56	20.49	20.48	21.5		
15	16QAM	36	20	20.68	20.63	20.51	21.5		
15	16QAM	36	39	20.61	20.60	20.57	21.5		
15	16QAM	75	0	20.62	20.59	20.49	21.5		
15	64QAM	1	0	20.85	20.82	20.83	22		
15	64QAM	1	37	20.73	20.83	20.57	22		
15	64QAM	1	74	20.64	20.77	20.78	22		
15	64QAM	36	0	20.53	20.48	20.48	21.5		
15	64QAM	36	20	20.60	20.58	20.50	21.5		
15	64QAM	36	39	20.53	20.54	20.54	21.5		
15	64QAM	75	0	20.64	20.53	20.42	21.5		
Channel				132022	132322	132622	Tune-up limit (dBm)		
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)		
10	QPSK	1	0	22.06	22.05	22.03	23.5		
10	QPSK	1	25	21.92	22.04	21.89	23.5		
10	QPSK	1	49	22.00	22.00	21.97	23.5		
10	QPSK	25	0	21.66	21.71	21.59	22.5		
10	QPSK	25	12	21.50	21.55	21.54	22.5		
10	QPSK	25	25	21.56	21.51	21.53	22.5		
10	QPSK	50	0	21.52	21.57	21.54	22.5		
10	16QAM	1	0	21.82	21.77	21.79	23		
10	16QAM	1	25	21.69	21.78	21.55	23		
10	16QAM	1	49	21.63	21.70	21.78	23		
10	16QAM	25	0	20.49	20.42	20.41	21.5		
10	16QAM	25	12	20.61	20.56	20.44	21.5		
10	16QAM	25	25	20.54	20.53	20.50	21.5		
10	16QAM	50	0	20.55	20.52	20.42	21.5		
10	64QAM	1	0	20.78	20.75	20.76	22		
10	64QAM	1	25	20.66	20.76	20.50	22		
10	64QAM	1	49	20.57	20.70	20.71	22		
10	64QAM	25	0	20.46	20.41	20.41	21.5		
10	64QAM	25	12	20.53	20.51	20.43	21.5		
10	64QAM	25	25	20.46	20.47	20.47	21.5		
10	64QAM	50	0	20.57	20.46	20.35	21.5		
Channel				131997	132322	132647	Tune-up limit (dBm)		
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)		
5	QPSK	1	0	21.99	21.98	21.96	23.5		
5	QPSK	1	12	21.85	21.97	21.82	23.5		
5	QPSK	1	24	21.93	21.93	21.90	23.5		
5	QPSK	12	0	21.59	21.64	21.52	22.5		
5	QPSK	12	7	21.40	21.48	21.47	22.5		
5	QPSK	12	13	21.49	21.44	21.46	22.5		
5	QPSK	25	0	21.45	21.50	21.47	22.5		
5	16QAM	1	0	21.75	21.70	21.72	23		
5	16QAM	1	12	21.62	21.71	21.48	23		
5	16QAM	1	24	21.56	21.63	21.71	23		
5	16QAM	12	0	20.42	20.35	20.34	21.5		
5	16QAM	12	7	20.54	20.49	20.37	21.5		
5	16QAM	12	13	20.47	20.46	20.43	21.5		
5	16QAM	25	0	20.48	20.45	20.35	21.5		
5	64QAM	1	0	20.71	20.68	20.69	22		
5	64QAM	1	12	20.59	20.69	20.43	22		
5	64QAM	1	24	20.50	20.63	20.64	22		
5	64QAM	12	0	20.39	20.34	20.34	21.5		
5	64QAM	12	7	20.46	20.44	20.36	21.5		
5	64QAM	12	13	20.39	20.40	20.40	21.5		
5	64QAM	25	0	20.50	20.39	20.28	21.5		
Channel				131987	132322	132657	Tune-up limit (dBm)		
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)		
3	QPSK	1	0	21.92	21.91	21.89	23.5		
3	QPSK	1	8	21.78	21.90	21.75	23.5		
3	QPSK	1	14	21.86	21.86	21.83	23.5		
3	QPSK	8	0	21.42	21.47	21.35	22.5		
3	QPSK	8	4	21.23	21.31	21.30	22.5		
3	QPSK	8	7	21.32	21.27	21.29	22.5		
3	QPSK	15	0	21.28	21.33	21.30	22.5		
3	16QAM	1	0	21.58	21.53	21.55	23		
3	16QAM	1	8	21.45	21.54	21.31	23		
3	16QAM	1	14	21.39	21.46	21.54	23		
3	16QAM	8	0	20.25	20.18	20.17	21.5		
3	16QAM	8	4	20.37	20.32	20.20	21.5		
3	16QAM	8	7	20.30	20.29	20.26	21.5		
3	16QAM	15	0	20.31	20.28	20.18	21.5		
3	64QAM	1	0	20.54	20.51	20.52	22		
3	64QAM	1	8	20.42	20.52	20.26	22		
3	64QAM	1	14	20.33	20.46	20.47	22		
3	64QAM	8	0	20.22	20.17	20.17	21.5		
3	64QAM	8	4	20.29	20.27	20.19	21.5		

3	64QAM	8	7	20.22	20.23	20.23	21.5
3	64QAM	15	0	20.33	20.22	20.11	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.85	21.84	21.82	23.5
1.4	QPSK	1	3	21.71	21.83	21.68	
1.4	QPSK	1	5	21.79	21.79	21.76	
1.4	QPSK	3	0	21.07	21.12	21.00	
1.4	QPSK	3	1	20.88	20.96	20.95	
1.4	QPSK	3	3	20.97	20.92	20.94	
1.4	QPSK	6	0	20.93	20.98	20.95	23
1.4	16QAM	1	0	21.01	20.96	20.98	
1.4	16QAM	1	3	20.88	20.97	20.74	21.5
1.4	16QAM	1	5	20.82	20.89	20.97	
1.4	16QAM	3	0	19.90	19.83	19.82	
1.4	16QAM	3	1	20.02	19.97	19.85	
1.4	16QAM	3	3	19.95	19.94	19.91	
1.4	16QAM	6	0	19.96	19.93	19.83	
1.4	16QAM	6	0	19.96	19.93	19.83	22
1.4	64QAM	1	0	20.19	20.16	20.17	21.5
1.4	64QAM	1	3	20.07	20.17	19.91	
1.4	64QAM	1	5	19.98	20.11	20.12	
1.4	64QAM	3	0	19.87	19.82	19.82	
1.4	64QAM	3	1	19.94	19.92	19.84	
1.4	64QAM	3	3	19.87	19.88	19.88	
1.4	64QAM	6	0	19.98	19.87	19.76	
1.4	64QAM	6	0	19.98	19.87	19.76	

Reduced Power Level 4 for ANT 1

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
	512	661	810		512	661	810		
	1850.2	1860	1909.8		1850.2	1860	1909.8		
Frequency (MHz)	1850.2	1860	1909.8	30.00	19.80	19.83	19.75	21.00	0.33
GSM 1 Tx slot	28.80	28.83	28.75	30.00	19.80	19.83	19.75	21.00	0.30
GPRS 1 Tx slot	28.70	28.81	28.50	30.00	19.70	19.81	19.50	21.00	0.06
GPRS 2 Tx slots	26.04	26.10	25.80	27.00	20.04	20.10	19.80	21.00	0.06
GPRS 3 Tx slots	24.66	24.70	24.64	25.50	20.40	20.44	20.38	21.24	0.06
GPRS 4 Tx slots	23.54	23.58	23.60	24.50	20.54	20.58	20.60	21.50	0.06
EDGE 1 Tx slot	24.90	24.97	24.93	26.00	15.90	15.97	15.93	17.00	0.07
EDGE 2 Tx slots	22.62	22.67	22.63	23.50	16.62	16.67	16.63	17.50	0.05
EDGE 3 Tx slots	21.53	21.67	21.59	22.50	17.27	17.41	17.33	18.24	0.14
EDGE 4 Tx slots	19.79	19.95	19.87	21.00	16.79	16.95	16.87	18.00	0.16
Mode		Max.	28.83			Max.	20.60		
Attenuator	Cable Loss : 0.8								

Band TX Channel	WCDMA Band II (dBm)			Tune-up Limit (dBm)	WCDMA Band IV (dBm)			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
	9662	9800	9938		1537	1638	1738	
Frequency (MHz)	1852.4	1860	1907.6	30.50	1712.4	1732.6	1752.6	23.00
3GPP Rel 99 RMC 12.2kbps	19.30	19.38	19.35	20.50	21.92	22.00	21.96	23.00
3GPP Rel 5 HSDPA Subtest-1	18.93	18.80	18.71	19.50	21.92	21.80	21.73	23.00
3GPP Rel 5 HSDPA Subtest-2	18.86	18.76	18.70	19.50	21.91	21.95	21.70	23.00
3GPP Rel 5 HSDPA Subtest-3	18.69	18.58	18.50	19.50	21.45	21.44	21.50	22.50
3GPP Rel 5 HSDPA Subtest-4	18.66	18.55	18.49	19.50	21.42	21.44	21.19	22.50
3GPP Rel 8 DC-HSDPA Subtest-1	19.28	19.17	19.11	20.00	21.94	21.87	21.72	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	19.21	19.15	19.13	20.00	21.90	21.86	21.70	23.00
3GPP Rel 8 DC-HSDPA Subtest-3	18.66	18.61	18.64	19.50	21.36	21.33	21.16	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	18.66	18.59	18.61	19.50	21.36	21.32	21.14	22.50
3GPP Rel 6 HSUPA Subtest-1	18.65	18.58	18.45	19.50	21.38	21.40	21.18	22.50
3GPP Rel 6 HSUPA Subtest-2	19.18	19.08	19.00	20.00	21.91	21.83	21.67	22.50
3GPP Rel 6 HSUPA Subtest-3	18.18	18.09	17.99	19.00	20.96	20.89	20.74	22.00
3GPP Rel 6 HSUPA Subtest-4	18.17	18.06	18.00	20.00	21.91	21.84	21.67	22.50
3GPP Rel 6 HSUPA Subtest-5	18.16	18.06	17.97	19.00	20.88	20.85	20.65	21.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	18.23	18.10	18.00	19.00	20.93	20.86	20.73	21.50
Attenuator	Cable Loss			0.8	Cable Loss			0.8
Mode	Max.			19.38	Max.			22.00

1.4	QPSK	1	0	19.07	19.09	19.12	
1.4	QPSK	1	3	18.95	18.97	18.90	
1.4	QPSK	1	5	18.87	18.94	18.91	
1.4	QPSK	3	0	18.23	18.30	18.25	20.5
1.4	QPSK	3	1	18.19	18.13	18.11	
1.4	QPSK	3	3	18.16	18.19	18.12	
1.4	QPSK	6	0	18.19	18.20	18.09	19.5
1.4	16QAM	1	0	18.46	18.37	18.20	
1.4	16QAM	1	3	18.34	18.43	18.38	
1.4	16QAM	1	5	18.36	18.21	18.35	
1.4	16QAM	3	0	17.15	17.10	17.14	19.5
1.4	16QAM	3	1	17.36	17.21	17.20	
1.4	16QAM	3	3	17.23	17.26	17.28	
1.4	16QAM	6	0	17.21	17.23	17.19	18.5
1.4	64QAM	1	0	17.31	17.45	17.40	
1.4	64QAM	1	3	17.34	17.38	17.28	
1.4	64QAM	1	5	17.44	17.32	17.14	
1.4	64QAM	3	0	17.29	17.18	17.18	18.5
1.4	64QAM	3	1	17.12	17.13	17.20	
1.4	64QAM	3	3	17.25	17.18	17.23	
1.4	64QAM	6	0	17.17	17.20	17.19	18.5

1.4	QPSK	1	0	21.07	21.10	21.06	
1.4	QPSK	1	3	20.91	20.92	20.93	
1.4	QPSK	1	5	20.83	20.85	20.88	
1.4	QPSK	3	0	20.14	20.21	20.25	22.5
1.4	QPSK	3	1	19.95	19.98	19.99	
1.4	QPSK	3	3	19.92	19.95	20.01	
1.4	QPSK	6	0	19.89	19.98	19.93	21.5
1.4	16QAM	1	0	19.62	19.87	19.93	
1.4	16QAM	1	3	19.87	19.93	19.78	
1.4	16QAM	1	5	19.94	19.93	20.04	
1.4	16QAM	3	0	19.00	18.96	19.01	21.5
1.4	16QAM	3	1	19.03	18.92	18.96	
1.4	16QAM	3	3	19.08	18.94	18.95	
1.4	16QAM	6	0	19.00	18.99	18.97	20.5
1.4	64QAM	1	0	19.12	19.06	19.10	
1.4	64QAM	1	3	18.92	18.94	19.10	
1.4	64QAM	1	5	19.02	19.03	19.14	
1.4	64QAM	3	0	18.94	18.91	18.92	20.5
1.4	64QAM	3	1	18.93	18.95	19.08	
1.4	64QAM	3	3	18.97	18.94	19.12	
1.4	64QAM	6	0	18.95	18.92	19.03	20

1.4	QPSK	1	0	21.35	21.34	21.32	22.5
1.4	QPSK	1	3	21.21	21.33	21.18	
1.4	QPSK	1	5	21.29	21.29	21.26	
1.4	QPSK	3	0	20.57	20.62	20.50	
1.4	QPSK	3	1	20.38	20.46	20.45	
1.4	QPSK	3	3	20.47	20.42	20.44	
1.4	QPSK	6	0	20.43	20.48	20.45	22
1.4	16QAM	1	0	20.51	20.46	20.48	22
1.4	16QAM	1	3	20.38	20.47	20.24	
1.4	16QAM	1	5	20.32	20.39	20.47	
1.4	16QAM	3	0	19.40	19.33	19.32	
1.4	16QAM	3	1	19.52	19.47	19.35	
1.4	16QAM	3	3	19.45	19.44	19.41	
1.4	16QAM	6	0	19.46	19.43	19.33	21
1.4	64QAM	1	0	19.69	19.66	19.67	21
1.4	64QAM	1	3	19.57	19.67	19.41	
1.4	64QAM	1	5	19.48	19.61	19.62	
1.4	64QAM	3	0	19.37	19.32	19.32	
1.4	64QAM	3	1	19.44	19.42	19.34	
1.4	64QAM	3	3	19.37	19.38	19.38	
1.4	64QAM	6	0	19.48	19.37	19.26	21

Reduced Power Level 5
5GHz WLAN ANT 4

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.3GHz WLAN ANT 4	802.11a 6Mbps	CH 52	5260	16.15	17.00	14.00	96.53
		CH 60	5300	15.21	16.00	13.00	96.53
		CH 64	5320	12.20	13.00	10.00	97.20
	802.11n-HT20 MCS0	CH 52	5260	16.33	17.00	14.00	96.30
		CH 60	5300	15.07	16.00	13.00	96.30
		CH 64	5320	12.09	13.00	10.00	96.30
	802.11n-HT40 MCS0	CH 54	5270	13.53	14.50	11.50	92.86
		CH 62	5310	10.64	11.50	8.50	92.86
	802.11ac-VHT20 MCS0	CH 52	5260	16.40	17.50	14.00	97.06
		CH 60	5300	15.07	16.00	13.00	96.32
		CH 64	5320	12.09	13.00	10.00	97.06
	802.11ac-VHT40 MCS0	CH 54	5270	13.53	14.50	11.50	92.86
		CH 62	5310	10.65	11.50	8.50	94.29
	802.11ac-VHT80 MCS0	CH 58	5290	9.54	10.50	7.50	89.19

Reduced Power Level 6

5GHz WLAN ANT 4

	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
5.8GHz WLAN ANT 4	802.11a 6Mbps	CH 149	5745	15.38	16.00	14.00	97.22
		CH 157	5785	15.20	16.00	14.00	97.20
		CH 165	5825	15.27	16.00	14.00	97.20
	802.11n-HT20 MCS0	CH 149	5745	15.18	16.00	14.00	96.30
		CH 157	5785	15.32	16.00	14.00	96.30
		CH 165	5825	15.29	16.00	14.00	96.30
	802.11n-HT40 MCS0	CH 151	5755	13.94	15.00	12.00	92.75
		CH 159	5795	13.32	14.00	12.00	94.20
	802.11ac-VHT20 MCS0	CH 149	5745	15.65	16.50	14.00	96.32
		CH 157	5785	15.37	16.00	14.00	97.04
		CH 165	5825	15.43	16.00	14.00	97.04
	802.11ac-VHT40 MCS0	CH 151	5755	13.47	14.50	12.00	94.20
		CH 159	5795	13.33	14.00	12.00	92.86
	802.11ac-VHT80 MCS0	CH 155	5775	12.84	13.50	11.00	89.19