

**1.1. Maximum Tune-up Conducted Average Power****WCDMA/HSDPA/HSUPA/HSPA+**

Mode	3GPP Subtest	Band II (1900MHz) Channel			Band V (850MHz) Channel			MPR
		Conducted Power (dBm)						
		9262	9400	9538	4132	4183	4233	
WCDMA R99	1	22.89	22.94	22.88	23.53	23.44	23.44	N/A
Rel5 HSDPA	1	22.57	22.63	22.59	23.38	23.34	23.35	0
	2	22.32	22.42	22.41	23.32	23.31	23.29	0
	3	22.14	22.25	22.23	22.79	22.73	22.71	0.5
	4	22.04	22.13	22.08	22.75	22.71	22.70	0.5
Rel6 HSUPA	1	21.84	21.95	21.91	22.67	22.65	22.63	0.0
	2	20.04	20.15	20.06	20.64	20.63	20.61	2.0
	3	21.48	21.58	21.51	21.67	21.62	21.59	1.0
	4	20.06	20.17	20.09	20.69	20.63	20.58	2.0
	5	21.72	21.83	21.76	22.64	22.61	22.58	0.0
Rel7 HSPA+	1	21.85	21.98	21.93	21.99	21.93	21.89	N/A

Band II	Channel	Frequency (MHz)	Max. Power (dBm)	Avg. Burst Power (dBm)
WCDMA R99	9262	1852.4	23.0	22.89
	9400	1880	23.0	22.94
	9538	1907.6	23.0	22.88
Rel5 HSDPA	9262	1852.4	23.0	22.57
	9400	1880	23.0	22.63
	9538	1907.6	23.0	22.59
Rel6 HSUPA	9262	1852.4	22.0	21.84
	9400	1880	22.0	21.95
	9538	1907.6	22.0	21.91
Rel7 HSPA+	9262	1852.4	22.0	21.85
	9400	1880	22.0	21.98
	9538	1907.6	22.0	21.93



Band V	Channel	Frequency (MHz)	Max. Power (dBm)	Avg. Burst Power(dBm)
WCDMA R99	4132	826.4	23.8	23.53
	4183	836.6	23.8	23.44
	4233	846.6	23.8	23.44
Rel5 HSDPA	4132	826.4	23.5	23.38
	4183	836.6	23.5	23.34
	4233	846.6	23.5	23.35
Rel6 HSUPA	4132	826.4	23.0	22.67
	4183	836.6	23.0	22.65
	4233	846.6	23.0	22.63
Rel7 HSPA+	9262	1852.4	22.0	21.99
	9400	1880	22.0	21.93
	9538	1907.6	22.0	21.89



CDMA2000

Mode	Test Case			BC0 (850MHz) Channel		
	Num.	FWD RC/TAP	REV RC/TAP	Conducted Power (dBm)		
				1013	384	777
1x	1	RC1	RC1 (SO2)	23.07	23.11	23.15
	2	RC1	RC1 (SO55)	23.12	23.15	23.23
	3	RC2	RC2 (SO9)	23.13	23.18	23.25
	4	RC2	RC2 (SO55)	23.05	23.11	23.17
	5	RC3	RC3 (SO55)	23.09	23.12	23.18
	6	RC3	RC3 (SO32)	23.08	23.13	23.20
1x EV-DO Rel0	7a	FTAP rate = 307kbps (2 slot, QPSK)	RTAP rate = 9.6kbps	22.88	22.93	22.96
	7b		RTAP rate = 19.2kbps	22.75	22.81	22.93
	7c		RTAP rate = 38.4kbps	22.73	22.82	22.89
	7d		RTAP rate = 76.8kbps	22.77	22.83	22.88
	7e		RTAP rate = 153.6kbps	22.81	22.85	22.92
1x EV-DO Rev A	8a	FETAP rate = 307kbps (2 slot, ACK channel is transmitted at all the slots)	RETAP – payload size = 128	22.47	22.69	22.87
	8b		RETAP – payload size = 256	22.48	22.67	22.86
	8c		RETAP – payload size = 512	22.50	22.66	22.85
	8d		RETAP – payload size = 768	22.53	22.62	22.83
	8e		RETAP – payload size = 1024	22.55	22.73	22.84
	8f		RETAP – payload size = 1536	22.61	22.63	22.89
	8g		RETAP – payload size = 2048	22.62	22.64	22.93
	8h		RETAP – payload size = 3072	22.53	22.67	22.87
	8i		RETAP – payload size = 4096	22.55	22.66	22.89
	8j		RETAP – payload size = 6144	22.60	22.73	22.88
	8k		RETAP – payload size = 8192	22.63	22.74	22.94
8l	RETAP – payload size = 12288	22.64	22.75	22.96		



Band	Modulation	Channel	Frequency (MHz)	Max. Power (dBm)	Avg. Burst Power (dBm)
CDMA 2000 1X BC0	GMSK	1013	824.70	23.5	23.07
		384	836.52	23.5	23.11
		777	848.31	23.5	23.15
CDMA 2000 1X EVDO Rel-0 BC0	QPSK	1013	824.70	23.0	22.88
		384	836.52	23.0	22.93
		777	848.31	23.0	22.96
CDMA 2000 1X EVDO Rel-A	QPSK	1013	824.70	23.0	22.47
		384	836.52	23.0	22.69
		777	848.31	23.0	22.87

WIFI 2.4G

Mode	Channel	Freq(MHz)	Max. Power (dBm)	Avg. Burst Power(dBm)
802.11b	1	2412	15.5	15.02
	6	2437	15.5	14.55
	11	2462	15.5	14.56
802.11b	1	2412	12.0	10.25
	6	2437	12.0	11.39
	11	2462	12.0	11.83
HT20	1	2412	11.5	10.41
	6	2437	11.5	10.88
	11	2462	11.5	11.35
HT40	3	2422	10.0	9.32
	6	2437	10.0	9.15
	9	2452	10.0	9.47

Bluetooth

Mode	Ch.	Freq(MHz)	Max. Power(dBm)	Avg. Burst Power(dBm)
BLE	00	2402	-5.0	-5.26
	19	2440	-6.0	-7.05
	39	2480	-6.0	-6.37