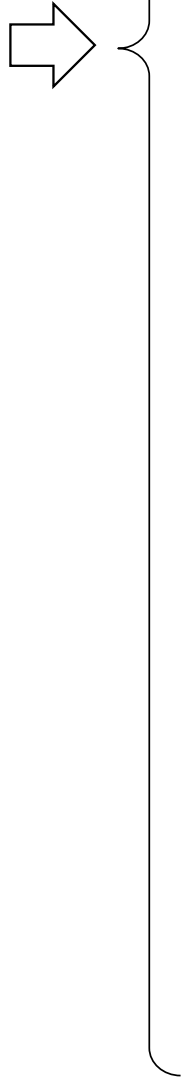


# TUNE UP PROCEDURE

## Band 5 Output Power [dBm]

R99	Spec.		
	Min.	Typical	Max.
22.0	23.0	24.0	
21.0	22.0	23.0	
20.0	21.0	22.0	
19.0	20.0	21.0	
18.0	19.0	20.0	
17.0	18.0	19.0	
16.0	17.0	18.0	
15.0	16.0	17.0	
14.0	15.0	16.0	
13.0	14.0	15.0	
12.0	13.0	14.0	
11.0	12.0	13.0	
10.0	11.0	12.0	
9.0	10.0	11.0	
8.0	9.0	10.0	
7.0	8.0	9.0	
6.0	7.0	8.0	
5.0	6.0	7.0	
4.0	5.0	6.0	
3.0	4.0	5.0	
2.0	3.0	4.0	
1.0	2.0	3.0	
0.0	1.0	2.0	
-1.0	0.0	1.0	
-2.0	-1.0	0.0	
-3.0	-2.0	-1.0	
-4.0	-3.0	-2.0	
-5.0	-4.0	-3.0	
-6.0	-5.0	-4.0	
-7.0	-6.0	-5.0	
-8.0	-7.0	-6.0	
-9.0	-8.0	-7.0	
-10.0	-9.0	-8.0	
-11.0	-10.0	-9.0	
-12.0	-11.0	-10.0	
-13.0	-12.0	-11.0	
-14.0	-13.0	-12.0	
-15.0	-14.0	-13.0	
-16.0	-15.0	-14.0	
-17.0	-16.0	-15.0	
-18.0	-17.0	-16.0	
-19.0	-18.0	-17.0	
-20.0	-19.0	-18.0	
-21.0	-20.0	-19.0	
-22.0	-21.0	-20.0	
-23.0	-22.0	-21.0	
-24.0	-23.0	-22.0	
-25.0	-24.0	-23.0	
-26.0	-25.0	-24.0	
-27.0	-26.0	-25.0	
-28.0	-27.0	-26.0	
-29.0	-28.0	-27.0	
-30.0	-29.0	-28.0	
-31.0	-30.0	-29.0	
-32.0	-31.0	-30.0	
-33.0	-32.0	-31.0	
-34.0	-33.0	-32.0	
-35.0	-34.0	-33.0	
-36.0	-35.0	-34.0	
-37.0	-36.0	-35.0	
-38.0	-37.0	-36.0	
-39.0	-38.0	-37.0	
-40.0	-39.0	-38.0	
-41.0	-40.0	-39.0	
-42.0	-41.0	-40.0	
-43.0	-42.0	-41.0	
-44.0	-43.0	-42.0	
-45.0	-44.0	-43.0	
-46.0	-45.0	-44.0	
-47.0	-46.0	-45.0	
-48.0	-47.0	-46.0	
-49.0	-48.0	-47.0	
-50.0	-49.0	-48.0	
-51.0	-50.0	-49.0	
-52.0	-51.0	-50.0	
-53.0	-52.0	-51.0	
-54.0	-53.0	-52.0	



HSUPA Subtest1	
Spec	
Typical	Max.
22.0	23.0
21.0	22.0
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0

HSDPA Subtest1	
Spec	
Typical	Max.
22.0	23.0
21.0	22.0
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0

HSUPA Subtest2	
Spec	
Typical	Max.
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0
16.0	17.0
15.0	16.0

HSDPA Subtest2	
Spec	
Typical	Max.
22.0	23.0
21.0	22.0
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0

HSUPA Subtest3	
Spec	
Typical	Max.
21.0	22.0
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0
16.0	17.0

HSDPA Subtest3	
Spec	
Typical	Max.
21.5	22.5
20.5	21.5
19.5	20.5
18.5	19.5
17.5	18.5
16.5	17.5

HSUPA Subtest4	
Spec	
Typical	Max.
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0
16.0	17.0
15.0	16.0

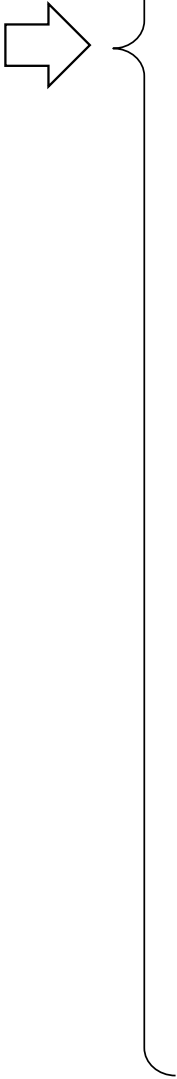
HSDPA Subtest4	
Spec	
Typical	Max.
21.5	22.5
20.5	21.5
19.5	19.5
18.5	18.5
17.5	17.5
16.5	16.5

HSUPA Subtest5	
Spec	
Typical	Max.
22.0	23.0
21.0	22.0
20.0	21.0
19.0	20.0
18.0	19.0
17.0	18.0

# TUNE UP PROCEDURE

## Band 2, 4 Output Power [dBm]

R99	Spec.		
	Min.	Typical	Max.
21.3	22.3	23.3	
20.3	21.3	22.3	
19.3	20.3	21.3	
18.3	19.3	20.3	
17.3	18.3	19.3	
16.3	17.3	18.3	
15.3	16.3	17.3	
14.3	15.3	16.3	
13.3	14.3	15.3	
12.3	13.3	14.3	
11.3	12.3	13.3	
10.3	11.3	12.3	
9.3	10.3	11.3	
8.3	9.3	10.3	
7.3	8.3	9.3	
6.3	7.3	8.3	
5.3	6.3	7.3	
4.3	5.3	6.3	
3.3	4.3	5.3	
2.3	3.3	4.3	
1.3	2.3	3.3	
0.3	1.3	2.3	
-0.7	0.3	1.3	
-1.7	-0.7	0.3	
-2.7	-1.7	-0.7	
-3.7	-2.7	-1.7	
-4.7	-3.7	-2.7	
-5.7	-4.7	-3.7	
-6.7	-5.7	-4.7	
-7.7	-6.7	-5.7	
-8.7	-7.7	-6.7	
-9.7	-8.7	-7.7	
-10.7	-9.7	-8.7	
-11.7	-10.7	-9.7	
-12.7	-11.7	-10.7	
-13.7	-12.7	-11.7	
-14.7	-13.7	-12.7	
-15.7	-14.7	-13.7	
-16.7	-15.7	-14.7	
-17.7	-16.7	-15.7	
-18.7	-17.7	-16.7	
-19.7	-18.7	-17.7	
-20.7	-19.7	-18.7	
-21.7	-20.7	-19.7	
-22.7	-21.7	-20.7	
-23.7	-22.7	-21.7	
-24.7	-23.7	-22.7	
-25.7	-24.7	-23.7	
-26.7	-25.7	-24.7	
-27.7	-26.7	-25.7	
-28.7	-27.7	-26.7	
-29.7	-28.7	-27.7	
-30.7	-29.7	-28.7	
-31.7	-30.7	-29.7	
-32.7	-31.7	-30.7	
-33.7	-32.7	-31.7	
-34.7	-33.7	-32.7	
-35.7	-34.7	-33.7	
-36.7	-35.7	-34.7	
-37.7	-36.7	-35.7	
-38.7	-37.7	-36.7	
-39.7	-38.7	-37.7	
-40.7	-39.7	-38.7	
-41.7	-40.7	-39.7	
-42.7	-41.7	-40.7	
-43.7	-42.7	-41.7	
-44.7	-43.7	-42.7	
-45.7	-44.7	-43.7	
-46.7	-45.7	-44.7	
-47.7	-46.7	-45.7	
-48.7	-47.7	-46.7	
-49.7	-48.7	-47.7	
-50.7	-49.7	-48.7	
-51.7	-50.7	-49.7	
-52.7	-51.7	-50.7	
-53.7	-52.7	-51.7	
-54.7	-53.7	-52.7	



HSUPA Subtest1	
Spec	
Typical	Max.
22.3	23.3
21.3	22.3
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3

HSDPA Subtest1	
Spec	
Typical	Max.
22.3	23.3
21.3	22.3
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3

HSUPA Subtest2	
Spec	
Typical	Max.
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3
16.3	17.3
15.3	16.3

HSDPA Subtest2	
Spec	
Typical	Max.
22.3	23.3
21.3	22.3
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3

HSUPA Subtest3	
Spec	
Typical	Max.
21.3	22.3
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3
16.3	17.3

HSDPA Subtest3	
Spec	
Typical	Max.
21.8	22.8
20.8	21.8
19.8	20.8
18.8	19.8
17.8	18.8
16.8	17.8

HSUPA Subtest4	
Spec	
Typical	Max.
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3
16.3	17.3
15.3	16.3

HSDPA Subtest4	
Spec	
Typical	Max.
21.8	22.8
20.8	21.8
19.8	19.8
18.8	18.8
17.8	17.8
16.8	16.8

HSUPA Subtest5	
Spec	
Typical	Max.
22.3	23.3
21.3	22.3
20.3	21.3
19.3	20.3
18.3	19.3
17.3	18.3