

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