

# TUNE UP PROCEDURE

**Band 5.12.17.38 Output Power [dBm]**

Partial RB		
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

**Band 2.4.7 Output Power [dBm]**

Partial RB		
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

**Band 41 Output Power [dBm]**

Partial RB		
Spec.		
Min.	Typical	Max.
22.5	23.5	24.5
21.5	22.5	23.5
20.5	21.5	22.5
19.5	20.5	21.5
18.5	19.5	20.5
17.5	18.5	19.5
16.5	17.5	18.5
15.5	16.5	17.5
14.5	15.5	16.5
13.5	14.5	15.5
12.5	13.5	14.5
11.5	12.5	13.5
10.5	11.5	12.5
9.5	10.5	11.5
8.5	9.5	10.5
7.5	8.5	9.5
6.5	7.5	8.5
5.5	6.5	7.5
4.5	5.5	6.5
3.5	4.5	5.5
2.5	3.5	4.5
1.5	2.5	3.5
0.5	1.5	2.5
-0.5	0.5	1.5
-1.5	-0.5	0.5
-2.5	-1.5	-0.5
-3.5	-2.5	-1.5
-4.5	-3.5	-2.5
-5.5	-4.5	-3.5
-6.5	-5.5	-4.5
-7.5	-6.5	-5.5
-8.5	-7.5	-6.5
-9.5	-8.5	-7.5
-10.5	-9.5	-8.5
-11.5	-10.5	-9.5
-12.5	-11.5	-10.5
-13.5	-12.5	-11.5
-14.5	-13.5	-12.5
-15.5	-14.5	-13.5
-16.5	-15.5	-14.5
-17.5	-16.5	-15.5
-18.5	-17.5	-16.5
-19.5	-18.5	-17.5
-20.5	-19.5	-18.5
-21.5	-20.5	-19.5
-22.5	-21.5	-20.5
-23.5	-22.5	-21.5
-24.5	-23.5	-22.5
-25.5	-24.5	-23.5
-26.5	-25.5	-24.5
-27.5	-26.5	-25.5
-28.5	-27.5	-26.5
-29.5	-28.5	-27.5
-30.5	-29.5	-28.5
-31.5	-30.5	-29.5
-32.5	-31.5	-30.5
-33.5	-32.5	-31.5
-34.5	-33.5	-32.5
-35.5	-34.5	-33.5
-36.5	-35.5	-34.5
-37.5	-36.5	-35.5
-38.5	-37.5	-36.5
-39.5	-38.5	-37.5
-40.5	-39.5	-38.5
-41.5	-40.5	-39.5
-42.5	-41.5	-40.5
-43.5	-42.5	-41.5

Please refer to the attached Output\_Cal\_Procedure.pdf for OUTPUT POWER ALIGNMENT PROCEDURE