

ZNPWD-4505AC_Tune Up Procedure

Measurement Procedure:

1. Set the device to operational voltage and on a predefined channel in a special test mode.
2. The actual output power is measured at several power levels.
3. The gain factors of each individual device are adjusted until the target value is met. The appropriate gain control settings for each output power level are stored in each device individually (for each power level). The user has no possibility to change these settings later on.
4. The maximum gains of each individual device are adjusted and measured until the target value is met. The production target power with tolerance compiles with the maximum power in test report.

Rated RF power output:

2.4G WLAN(AVG)	
Mode	2.4G WLAN(AVG)
802.11b	12±1dBm
802.11g	10.5±1dBm
802.11n(HT 20)	9.5±1dBm
802.11n(HT 40)	9±1dBm

5.2G WLAN(AVG)	
Mode	5.2G WLAN(AVG)
802.11 n-HT20	8.5±1dBm
802.11 n-HT40	7±1dBm
802.11 ac-VHT20	8±1dBm
802.11 ac-VHT40	7±1dBm
802.11 ac-VHT80	5.5±1dBm

5.8G WLAN(AVG)	
Mode	5.8G WLAN(AVG)
802.11 n-HT20	8±1dBm
802.11 n-HT40	7±1dBm
802.11 ac-VHT20	7.5±1dBm
802.11 ac-VHT40	7±1dBm
802.11 ac-VHT80	5.5±1dBm