



Explanation Letter for Class II changes of RADWIN 1000 / 2000 outdoor unit

Radwin Ltd. has already certified and received grant (FCC ID: Q3KRW2058U) for the RADWIN 1000/2000. The RADWIN 5000 model name is identifier for Point to Multipoint system. The RADWIN 5000 model is based on identical hardware platform as the RADWIN 2000 and supports the same functional capabilities. The RADWIN 5000 model is deployed and configured as Point to Multipoint system device whereas it actually functions as Point to Point TDD duplex mode for each connected CPE. The Base Unit (BSU) communicates with each terminal (CPE) at a time in a Point to Point modem mode. There is no parallel transmission from the BSU to the CPEs. Used antenna list attached.

Following the above Radwin Ltd. requests the Class II changes approval and the grant update under the existing FCC ID: Q3KRW2058U.

A handwritten signature in blue ink, appearing to be "Itai Rubinstein", written over a horizontal line.

Sincerely,

Itai Rubinstein

Engineering Dept. Manager

Radwin Ltd.

RADWIN 5000 Technical Description

Preface

The RADWIN 5000 model name is identifier for Point to Multipoint system. The RADWIN 5000 model is based on identical hardware platform as the RADWIN 2000 and supports the same functional capabilities.

Operational Description

The RADWIN 5000 model is deployed and configured as Point to Multipoint system device whereas it actually functions as Point to Point TDD duplex mode for each connected CPE.

The Base Unit (BSU) communicates with each terminal (CPE) at a time in a Point to Point modem mode. There is no parallel transmission from the BSU to the CPEs.

Antenna List

FP Dual Pole External RW-9061-5002 Gain [dBi]	FP Dual Pole External RW-9061-5001 Gain [dBi]	Supporting Band [MHz]
15	14	4940 – 4990
15.5	14	5150 – 5350
16.5	14	5470 - 5725
16.5	14	5725 - 5850
16.5	14	5725 - 5825