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April 18, 2019  
Subject: Antenna Kitting  
Re: FCC ID: **PWO460050**  
To Whom It May Concern:

The antenna kitting options for models **460050** signal boosters were done for 1 Outside Antenna, and 1 Inside Antenna kit option (qty 1):

**Fixed Outside Antenna**

1. Wide Band Directional With 100' LMR 400  
**314411-952300**

**Fixed Indoor Antenna**

1. **Qty 1** Inside Antenna Kits **304412-400100**:  
Dome w/100' Wilson 400

All equivalent or lesser antennas and cables are suitable for use with **460050** signal boosters.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Cook', written over the printed name 'Patrick Cook'.

Patrick Cook  
CTO

## All Outside Antenna Kits with gains less Coax Loss

### FCC ID: PWO460050

| Wide Band Directional Antenna With 100' Wilson 400 314411-952300 |              |             |              |              |              |
|------------------------------------------------------------------|--------------|-------------|--------------|--------------|--------------|
| Uplink Frequency (MHz)                                           | 698-716      | 777-787     | 824-849      | 1710-1755    | 1850-1915    |
| Antenna Gains (dBi)                                              | 7.3          | 7.2         | 7.8          | 7.9          | 9.1          |
| Coax Loss (dB)                                                   | 3.724        | 3.99        | 4.788        | 5.852        | 7.182        |
| <b>Final Gain less Loss (dB)</b>                                 | <b>3.576</b> | <b>3.21</b> | <b>3.012</b> | <b>2.048</b> | <b>1.918</b> |

## All Inside Antenna Kits with gains less Coax Loss

### FCC ID: PWO460050

| Inside Antenna Kit Dome w/100' Wilson 400 304412-400100 |              |              |              |              |              |
|---------------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| Uplink Frequency (MHz)                                  | 698-716      | 777-787      | 824-849      | 1710-1755    | 1850-1915    |
| <b>Final Gain Less Loss (dB)</b>                        | <b>-2.43</b> | <b>-1.69</b> | <b>-3.09</b> | <b>-0.33</b> | <b>-1.29</b> |
| Note: Antenna Gain Less Coax Loss as Measured           |              |              |              |              |              |