



WILSON ELECTRONICS, LLC  
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April 18, 2019  
Subject: Antenna Kitting  
Re: FCC ID: **PWO460052**  
To Whom It May Concern:

The antenna kitting options for models **460052** signal boosters were done for 1 Outside Antenna, and 1 Inside Antenna kit options (qty 4):

**Fixed Outside Antenna**

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

**Fixed Indoor Antenna**

1. **Qty 4** Inside Antenna Kits **304412-400100**:  
Dome w/100' Wilson 400

All equivalent or lesser antennas and cables are suitable for use with **460052** 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: PWO460052

| Wide Band Directional Antenna With 100' Wilson 400 |             |             |             |             | 314411-952300 |
|----------------------------------------------------|-------------|-------------|-------------|-------------|---------------|
| Antenna Gains (dBi)                                | 7.3         | 7.2         | 7.8         | 7.9         | 9.1           |
| Coax Loss (dB)                                     | 3.72        | 3.99        | 4.79        | 5.85        | 7.18          |
| <b>Final Gain less Loss (dB)</b>                   | <b>3.58</b> | <b>3.21</b> | <b>3.01</b> | <b>2.05</b> | <b>1.92</b>   |

## All Inside Antenna Kits with gains less Coax Loss

### FCC ID: PWO460052

| Inside Antenna Kit Dome w/100' Wilson 400     |              |              |              |              | 314411-40075 |
|-----------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| <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 |              |              |              |              |              |