# Stop dropped calls now.

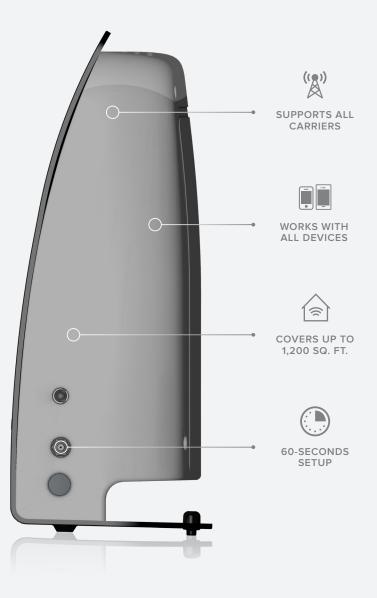


A WILSON ELECTRONICS, LLC COMPANY

### Bad cell signal? Here is the solution.

Dropped calls and slow data are generally caused by three things: distance from a cell tower, building materials in your home or office, or obstruction from objects such as trees, topography, and buildings.

The eqo is a new type of cell signal booster that allows anyone to bring up to 32 times stronger signal into their home, condo or apartment in seconds.



### Get ready for a great signal.







AND DATA

3G-4G 3G/4G/LTE TF COVERAGE



SUPPORTS ALL CARRIERS

FEES

NO MONTHLY



**NO INTERNET** 





TRUSTED BY FIRST RESPONDERS INDEPENDENTLY TESTED\*

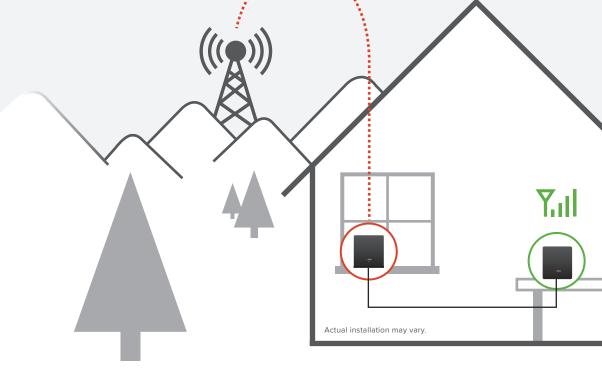
## How it works.



RECEIVES SIGNAL

The booster reaches out to the cell tower to access voice and data signals.

**eqo** receives a cell signal from the tower, amplifies it, and sends it over coax cable to the antenna. The antenna broadcasts the amplified signal making it available to devices in the home.





BOOSTS SIGNAL

The booster receives the outside signal, **amplifies it up to 32x**, and sends it to the inside antenna.



B EXPANDS SIGNAL

The inside antenna broadcasts the boosted signal to devices inside the home.

#### **Specifications**

Passband Gain (nominal) 700 MHz Band 12/77 700 MHz Band 13 800 MHz Band 5 700 MHz Band 4 800 MHz Band 7 800 MHz Band 5 800 MHz Band 4 800 MHz Band 7 800 MHz Band 5 800 MHz Band 4 800 MHz Band 4 800 MHz Band 5 800 MHz Band 4						
FCC.ID: PWO460032   IC: 4726A.460032   Connectors SMA-Female   Antenna Impedance SMA-Female   Frequency 698-716 MHz, 729-756 MHz, 777-787 MHz, 824-894 MHz, 1950-1990 MHz, 1710-1755/2110-2155 I   Pessband Gan (nominal) Too MHz Band 12/17 Too MHz Band 12/17 Box H12 Band 13 Too OLM Hz Band 5 Box H 2 Band 4 Too OLM Hz Band 70   20 dB Bandwidth (MHz) Too MHz Band 12/17 Too MHz Band 13 Box Hz Band 5 Too OLM Hz Band 4 Box H Band 70   Power output for single cell phone (Uplink) dBm Too MHz Band 12/17 Too MHz Band 12/17 Band 13 Band 12 Band 5 Band 4 Band Band 8   Power output for single cell phone (Uplink) dBm Too MHz Band 12/17 Too MHz Band 12/17 Band 13 Band 12 Band 5 Band 4 Band Band 8   Power output for single cell phone (Uplink) dBm Too MHz Band 12/17 Too MHz Band 12/17 Band 13 Band 5 Band 4 Band 4   Power output for multiple received channels (Uplink) dBm Too MHz Band 12/17 Band 13 Band 13 Band 13 Band 5 Band 4 Band 13 Band 5   Power output for multiple received channels (Uplink) dBm	Product Number	U473020				
CC 4726A 460032   Connectors SMA-Female   Antenna Impedance 50 Ohms   Frequency 698-716 MHz, 777-787 MHz, 824.994 MHz, 1850-1990 MHz, 1710-1755/2110-2155 /1   Passband Gain (nominal) 700 MHz 800 MHz 689-716 MHz, 777-787 MHz, 824.994 MHz, 1850-1990 MHz, 1710-1755/2110-2155 /1   Passband Gain (nominal) 700 MHz 61 62 62 700 MHz 800 MHz 1700/2100 MHz 800 MHz 1700 MHz 1900 NB   Colspan="2">Col MHz 700 MHz 800 MHz 800 MHz 1700 MHz 1900 NB   Band 12/17 Band 13 Band 5 Band 4 Band 23.34 24.55 23.31   Power output for single cell phone (Downink) dBm 700 MHz 700 MHz 700 MHz 800 MHz 800 MHz 1900 MHz 1900 MZ   Power output for multiple received channels (Uplink) dBm	Model Number	460032				
Connectors SMA-Female   Antenna Impedance 50 Ohms   Frequency 698-716 MHz, 729-756 MHz, 777-787 MHz, 224-894 MHz, 1850-1990 MHz, 710-1755/2110-2155 J   Passband Gain (nominal) Band 12/17 Band 13 Band 12   Band T2/17 Band 13 Band 14 Band 2 1700 MHz 1900 M   20 dB Bandwidh (MHz) 700 MHz 700 MHz 200 MHz 1700 MHz Band 13 Band 15 Band 2 1900 MHz 1900 N   20 dB Bandwidh (MHz) 700 MHz 700 MHz 200 MHz 1700 MHz Band 12 1900 N Band 4	FCC ID:	PW0460032				
Antenna Impedance 50 Ohms   Frequency 698-716 MHz, 729-756 MHz, 777-787 MHz, 824-894 MHz, 1850-1990 MHz, 1710-1755/2110-2155 f   Passband Gain (nominal) Band 12/17 Band 13 Band 12/17 Band 13 Band 12/17 Band 13 Band 12/17 Band 13 Band 12/17   20 dB Bandwidth (MHz) Typical Maximum 31.8 35.4 32.1 35.5 37.9 33.0 79.9 83.0 85.5   Power output for single cell phone (Uplink) dBm To 0 MHz Band 12/17 To 0 MHz Band 12/17 Band 13 Band 13 Band 5 Band 4 1900 N Band 8   Power output for single cell phone (Uplink) dBm To 0 MHz Band 12/17 To 0 MHz Band 12/17 Band 13 Band 13 Band 5 Band 4 Band 9   Power output for single cell phone (Uplink) dBm To 0 MHz Band 12/17 To 0 MHz Band 12/17 Band 13 Band 13 Band 5 Band 4 Band 9   Power output for multiple received channels (Uplink) dBm To 0 MHz Band 12/17 To 0 MHz Band 13 Band 13 Band 5 Band 4 Band 4   Power output for multiple received channels (Uplink) dBm To 0 MHz Band 12/17 Band 13 Band 13 Band 5 Band 4 Band 3 Band 4 Band 4 B	IC:	4726A-460032				
Frequency 698-716 MHz, 729-756 MHz, 777-787 MHz, 824-894 MHz, 1850-1990 MHz, 1710-1755/2110-2155 J   Passband Gain (nominal) Band 12/77 Band 12 Band 12/77 Band 13 Band 5 Band 5 T00/2100 MHz Band 4 Band 7 Band 7   20 dB Bandwidth (MHz) T00 MHz Band 12/17 Band 13 Band 13 Band 5 T00/2100 MHz Band 4 Band 7 Band 7   20 dB Bandwidth (MHz) Typical Maximum Typical 31.8 32.1 37.9 79.9 81.5   Power output for single cell phone (Uplink) dBm Too MHz Band 12/17 Too MHz Band 13 Band 5 Band 4 Band 7   Power output for single cell phone (Uplink) dBm Too MHz Band 12/17 Too MHz Band 13 Band 5 Band 4 Band 7   Power output for multiple received channels (Uplink) dBm Too MHz Band 12/17 Too MHz Band 13 Band 5 Band 4 Band 7   Power output for multiple received channels (Uplink) dBm Too MHz Band 12/17 Too MHz Band 12/17 Band 13 Band 5 Band 4 Band 7   Power output for multiple received channels (Downlink) max Too MHz Too MHz Too MHz Too MHz Band 12/17 Band 13 Band 5 Band 4 Band 7	Connectors	SMA-Female				
Passband Gain (nominal) 700 MHz 61 700 MHz 61 700 MHz 62 62 63 700 MHz 63 800 MHz 64 800 MHz 65 1700/2100 MHz 66 800 MHz 67 800 MHz 700 MHz	Antenna Impedance	50 Ohms				
Bassband Gain (nominal) Band 12/17 61 Band 13 62 Band 5 62 Band 4 62 Band 5 62 Band 4 63 Band 7 700   20 dB Bandwidth (MHz) 700 MHz Band 12/17 700 MHz Band 12/17 800 MHz Band 3 1700/210 MHz Band 4 1900 M Band 4   120 dB Bandwidth (MHz) 700 MHz Maximum 318 35.4 32.1 35.6 37.9 37.9 83.0 79.9 83.0 85.1 800 MHz Band 4 1900 M Band 5   Power output for single cell phone (Uplink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 5 800 MHz Band 4 1900 M Band 5   Power output for single cell phone (Downlink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 12 11.9 9.5   Power output for multiple received channels (Uplink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 12/17 11.9 9.5   Power output for multiple received channels (Uplink) dBm 700 MHz Band 12/17 700 MHz Band 12/17 800 MHz Band 12/17 19.0 17.7 15.2   Power output for multiple received channels (Downlinklink) dBm 17.7 15.4 13.3 11.1   10.3 13.9 11.7 9.5 11.7<	Frequency	698-716 MHz, 729-756 MHz, 777-787 MHz, 824-894 MHz, 1850-1990 MHz, 1710-1755/2110-2155 MHz				
20 dB Bandwidth (MHz) Band 12/17 Band13 Band 5 Band 4 Band 5   Typical Maximum 31.8 32.1 37.9 79.9 81.5   S5.4 35.6 33.0 35.8 33.0 83.0 85.5   Power output for single cell phone (Uplink) dBm 700 MHz Band 12/17 Band 13 Band 5 Band 4 Band 4   Power output for single cell phone (Downink) dBm 700 MHz Band 12/17 Band 13 Band 5 Band 4 Band 4   Power output for multiple received channels (Uplink) dBm 700 MHz 700 MHz 800 MHz Band 4 Band 4   Power output for multiple received channels (Uplink) dBm Band 11.92 12.1 11.9 9.5   Power output for multiple received channels (Uplink) dBm Band 12/17 Band 13 Band 4 Band 4 Band 4   10.0 Toro MHz 700 MHz 1900 MHz 1900 MHz 1900 MHz   2 20.7 19.9 23.4 21.2 19.3   11.6 13.8 17.4 15.2 13.0 11.1	Passband Gain (nominal)	Band 12/17	Band 13	Band 5	Band 4	1900 MHz Band 2 70
Maximum 35.4 35.6 39.0 83.0 85.7   Power output for single cell phone (Upink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 5 1700 MHz Band 4 1900 I Band 4 1900 I Band 5 1700 MHz Band 4 1900 I Band 4 1900 I Band 5 1700 MHz Band 4 1900 I Band 5 1700 MHz Band 4 1900 I Band 5 1900 I Band 5 1900 I Band 4 1900 I Band 5	20 dB Bandwidth (MHz)					1900 MHz Band 2
Power output for single cell phone (Uplink) dBm 700 MHz Band 12/77 700 MHz Band 13 800 MHz Band 5 1700 MHz Band 4 1900 J Band 5   Power output for single cell phone (Downlink) dBm 700 MHz Band 12/77 700 MHz Band 13 800 MHz Band 5 2100 MHz Band 4 1900 J Band 5   Power output for single cell phone (Downlink) dBm 700 MHz Band 12/77 700 MHz Band 13 800 MHz Band 5 2100 MHz Band 4 1900 J Band 5   Power output for multiple received channels (Uplink) dBm 700 MHz Band 12/77 700 MHz Band 13 800 MHz Band 5 1700 MHz Band 14 1900 MHz Band 12/77						81.9 85.1
phone (Uplink) dBm Band 12/17 Band 13 Band 5 Band 4 Band 23.94 24.19 23.49 24.55 23.43   Power output for single cell phone (Downlink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 13 800 MHz Band 5 110 190 9.5   Power output for multiple received channels (Uplink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 12/17 11.9 9.5   2 20.7 19.9 23.4 21.2 190   2 20.7 19.9 23.4 21.2 190   2 20.7 19.9 23.4 21.2 193   3 17.1 16.3 19.9 17.7 15.5   4 14.6 13.8 17.4 15.2 13.0   5 12.7 11.9 15.4 13.3 11.1   6 11.1 10.3 13.9 11.7 9.5   Power output for multiple received channels 700 MHz 1900 MHz 1900 Mz 1900   100		Maximum Power				
Power output for single cell 700 MHz 800 MHz 110 910		Band 12/17	Band 13	Band 5	Band 4	1900 MHz Band 2 23.61
11.64 11.92 12.1 11.9 9.5   Maximum Power   Maximum Power   No. Tones   2 20.7 19.9 23.4 21.2 19.0   2 20.7 19.9 23.4 21.2 19.0   3 17.1 16.3 19.9 17.7 15.2   4 14.6 13.8 17.4 15.2 13.0   5 12.7 11.9 15.4 13.3 11.1   6 11.1 10.3 13.9 11.7 9.5   Maximum Power   Maximum Power   Power output for multiple received channels   received channels 100 MHz 200 MHz 1900 M 1900 M   2 12.7 13.3 18.8 11.9 12.6   Maximum Power   Power output for multiple received channels 1900 MHz 1900 MHz 1900 MHz 1900 M 1900 M 1900 M 1900 M <td< td=""><td></td><td>700 MHz</td><td>700 MHz</td><td>800 MHz</td><td>2100 MHz</td><td>1900 MHz</td></td<>		700 MHz	700 MHz	800 MHz	2100 MHz	1900 MHz
Prove output for multiple received channels (Uplink) dBm 700 MHz Band 12/17 700 MHz Band 13 800 MHz Band 5 1700 MHz Band 4 1900 Band 4	phone (Downlink) dBin					9.5
received channels (Uplink) dBm 700 MHz 700 MHz 800 MHz 190 DHz 800 MHz		Maximum Power				
No. Tones 700 MHz Band 12/7 700 MHz Band 13 800 MHz Band 2 1900 MHz Band 4 1900 MHz Band 5 1900 MHz Band 4 1900 MHz Band 5 1900 MHz Band 4						
3 17.1 16.3 19.9 17.7 15.5   4 14.6 13.8 17.4 15.2 13.3   5 12.7 11.9 15.4 13.3 11.1   6 11 10.3 13.9 11.7 9.5   Maximum Power   received channels   (Downlinklink) dBm 200 MHz 2100 MHz 1900 M   8 and 12/17 Band 13 Band 5 Band 4 190 0   2 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7						1900 MHz Band 2
4 14.6 13.8 17.4 15.2 13.0   5 12.7 11.9 15.4 13.3 11.1   6 11.1 10.3 13.9 11.7 9.5   Power output for multiple received channels (Downlinklink) dBm 700 MHz 200 MHz 2100 MHz 1900 MHz   2 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7	2	20.7	19.9	23.4	21.2	19.1
5 12.7 11.9 15.4 13.3 11.1   6 11.1 10.3 13.9 11.7 9.5   Maximum Power   Maximum Power   Maximum Power   No. Tones 700 MHz 800 MHz 2100 MHz 1900 M   2 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7	3	17.1	16.3	19.9	17.7	15.5
6 11 103 13.9 11.7 9.5   Power output for multiple received channels (Downlinklink) dBm - Maximum Power -	4	14.6	13.8	17.4	15.2	13.0
Tower output for multiple received channels (Downinklink) dBm 700 MHz 700 MHz 800 MHz 2100 MHz 1900 M   No. Tones 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7	5	12.7	11.9	15.4	13.3	11.1
Tower output for multiple (Downlinklink) dBm Too MHz Too MHz Boo MHz 2100 MHz 1900 N   No. Tones Band 12/17 Band 13 Band 5 Band 4 Band   2 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7	6	11.1	10.3	13.9	11.7	9.5
700 MHz 700 MHz 800 MHz 2100 MHz 1900 MHz 980 MHz 1900 MHz 980 MHz 1901 MHz		Maximum Power				
2 12.7 13.3 11.8 11.9 12.6   3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7						1900 MHz Band 2
3 9.2 9.8 8.2 8.4 9.1   4 6.7 7.3 5.7 5.9 6.6   5 4.8 5.4 3.8 4.0 4.7						12.6
<b>4.8</b> 5.4 3.8 4.0 4.7		9.2	9.8	8.2		9.1
	4	6.7	7.3	5.7	5.9	6.6
6 22 20 21 24 24	5	4.8	5.4	3.8	4.0	4.7
0 3.2 3.0 2.2 2.4 3.1	6	3.2	3.8	2.2	2.4	3.1
Noise Figure 5 dB nominal	Noise Figure			5 dB nominal		
Isolation >10 dB	Isolation	> 110 dB				
Power Requirements 5V/2.5A	Power Requirements			5V/2.5A		







