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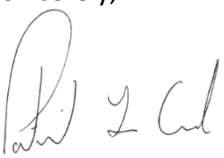
November 2, 2017
Subject: Antenna Kitting
Re: FCC ID: PWO460033
To Whom It May Concern:

The antenna kitting options for model 460033 signal booster were done for 1 Outside Antenna, and 1 Inside Antenna mobile kit. All equivalent or lesser antennas and cables are suitable for use with 460033 signal booster.

Sincerely,



Patrick L. Cook
Chief Technology Officer

Outside Antenna Kit Option

Final Output Power Limited to 30 dBm EIRP in all frequency bands

Uplink Frequency (MHz)	698-716	777-787	824-849	1710-1755	1850-1915
Uplink Output Power (dBm)	21.50	24.80	24.10	23.90	26.00

1 Marine Antenna

Antenna Gains (dBi)	-1.33	-1.33	1.91	-2.4	-0.38
Coax Loss (dB)	0	0.0	0	0	0.0
Final Gain less Loss (dB)	-1.33	-1.33	1.91	-2.4	-0.38
Output Power plus Final Gain (dBm EIRP)	20.17	23.47	26.01	21.5	25.6

Inside Antenna Kit

Uplink Frequency Band (MHz)	698-716	777-787	824-849	1710-1755	1850-1915
Measured Uplink Gain (dB)	44	44.10	47.80	45.50	45.40
Measured RSSI Shutoff (dBm/MHz)	-48.6	-44.90	-50.00	-46.80	-46.60
MSCL Minimum (dB)	29.40	33.20	31.80	32.70	32.80
3' Separation Distance Path Loss (dB)	28.68	29.55	30.14	36.46	37.18
Polarity Loss (dB)	3.0	3.0	3.0	3.0	3.0
Max Antenna Gain Less Cable Loss (dB)	2.28	-0.65	1.34	6.76	7.38

1 Marine Antenna

Antenna Gain Less Cable Loss (dB)	-0.2	-1.1	0.52	2.9	1.0
	okay	okay	okay	okay	okay
	-2.47	-0.41	-0.82	-3.84	-6.35