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To: Whom it May Concern

Subject: Calculated Mobile Station Coupling Losses (MSCL) For FCCID: PWO460019

The following formulas were used to calculate MSCL with no path loss, and no polarity mismatch. The subject booster is directly connected to the host device with coaxial cable.

$MSCL\text{ dB} = \text{Path Loss dB} + \text{Polarity Loss dB} - \text{Antenna Gain dB}$

The results of the calculations are shown in the following table:

Uplink Center Frequency MHz	707-710	782	836.5	1732.5	1880-1882.5
MSCL (dB)	3.00	3.00	3.00	3.00	3.00

Note: Antenna Gain with Coax Loss as measured.

Sincerely

A handwritten signature in black ink, appearing to read 'P. L. Cook', is written over a light blue horizontal line.

Patrick L. Cook
Senior Electrical Engineer