

FM Super-Powered Maximum Digital ERP Calculator

Exceeds Class B maximum - superpower limitation triggered

WDVE

File No. BMLH-19900323KB

PITTSBURGH, PA

Facility ID Number: 59588

Station Class: B

Analog ERP: 55.0000 kW

HAAT: 250.0 meters

Analog class maximum ERP = 18.387 kW, for 250.0 meters HAAT and 60 dBu at 52.2 km distance (Class B reference distance).

Maximum Digital ERP for WDVE is 1.8 kilowatts (10% of the ERP equivalent to Class B reference facilities).

Unrounded Digital ERP = 1.8387

<https://www.fcc.gov/media/radio/digital-radio-superpowered-fm-stations>