

PROPOSED OPERATING PARAMETERS

PROPOSED KALO-DT
CHANNEL 10 – HONOLULU, HAWAII

[FURTHER AMENDMENT TO BPEDT-20000501AFZ]

Channel Number:	10
Zone:	2
Site Coordinates:	21-23-44.5 N 158-05-58 W
Antenna Structure Registration Number:	Not required
Tower Site Elevation (AMSL):	695.1 meters
Overall Tower Height Above Ground:	24.4 meters
Overall Tower Height Above (AMSL):	719.5 meters
Radiation Center Above Ground:	20 meters
Radiation Center AMSL:	716 meters
Average Terrain Elevation (2-10 miles):	139 meters
Antenna Height Above Average Terrain:	577 meters
Antenna Make and Model:	ERI ATW6V2-HSNC-10
Orientation:	Directional at 110° T
Electrical Beam Tilt:	0.5°
Polarization:	Horizontal
Effective Radiated Power (main-lobe, maximum):	21 kw

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Transmitter power output	1.6 kw
Transmission line loss	0.1 kw
Input to antenna	1.5 kw
Antenna gain (maximum)	13.80
Effective radiated power (maximum)	21 kw

Transmitter make and model:	Type-accepted
Rated Power:	2 kw

Transmission line	
Make and model:	Andrew HJ8-50B
Size:	3"
Type:	Air Heliac
Length:	150 feet

Antenna	
Make and model:	ERI ATW6V2-HSNC-10
Type:	Directional @ 110° T
RCAGL	65 feet