

Service Count Report

Service Count Population Report - Service Count: Kailua HI NCE New
(216): FCC F(50-50) 60.00 dBu (FCC HAAT)

Reference Area: Kailua HI NCE New (216): FCC F(50-50) 60.00 dBu (FCC HAAT)
Counting Grid Cell Size: 0.5 sq. km
Population Database: 2010 US Census (PL)

Services Included in Count:

Kailua HI NCE New (216): FCC F(50-50) 60.00 dBu (FCC HAAT)
KHPH (204): FCC F(50-50) 60.00 dBu (FCC HAAT)
KIPM (209): FCC F(50-50) 60.00 dBu (FCC HAAT)
KKUA (214): FCC F(50-50) 60.00 dBu (FCC HAAT)

Count Area -----	Population -----	Housing Units -----	Area (sq. km) -----
1 Service	0	0	0.00
2 Service	63,461	31,185	5265.89
3 Service	0	0	0.00
4 Service	3,022	1,642	2241.34
5 or more	0	0	0.00
Reference Area	66,483	32,827	7507.23

	Service Pop	Running Total	Percent
1 Service	0	0	0.0 %
2 Service	63,461	63,461	95.5 %
3 Service	0	63,461	95.5 %
4 Service	3,022	66,483	100.0 %
5 or more	0	66,483	100.0 %

New NCE Second Service Area Calculation

Area of Second Service over Water: 3279.1 sq km

$5265.89 - 3279.1 = 1986.79$ sq km of new second service over land

Proposed 60dbu service contour over land: 2483.3 sq km

$1986.79 / 2483.3 = 80.0\%$ of proposed contour over land is new second service area.

New NCE Second Service Population Calculation

Total 60dbu Service Contour Population: 66,483

Total Population in Second Service Area: 63,461

$63,461 / 66,483 = 95.45\%$ of proposed 60dbu contour population is new second service

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- 1
- 2
- 3
- 4
- 5 or more

Kailua, HI
New NCE Service Counting

307(b)

Kailua HI NCE New

BLFT20160127AAB
Latitude: 19-43-17 N
Longitude: 155-54-59.90 W
ERP: 0.70 kW
Channel: 216
Frequency: 91.1 MHz
AMSL Height: 1702.0 m
Elevation: 1682.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

F(50-50) 60.00 dBu

KHPH HI NCE New

Hilo

Hawaii

Scale 1:1,000,000



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Kailua, HI New NCE Service Counting

Exhibit 307(b)

