

Engineering Programs

FS Study - Results

0000126076/ Call Sign: KJJJ

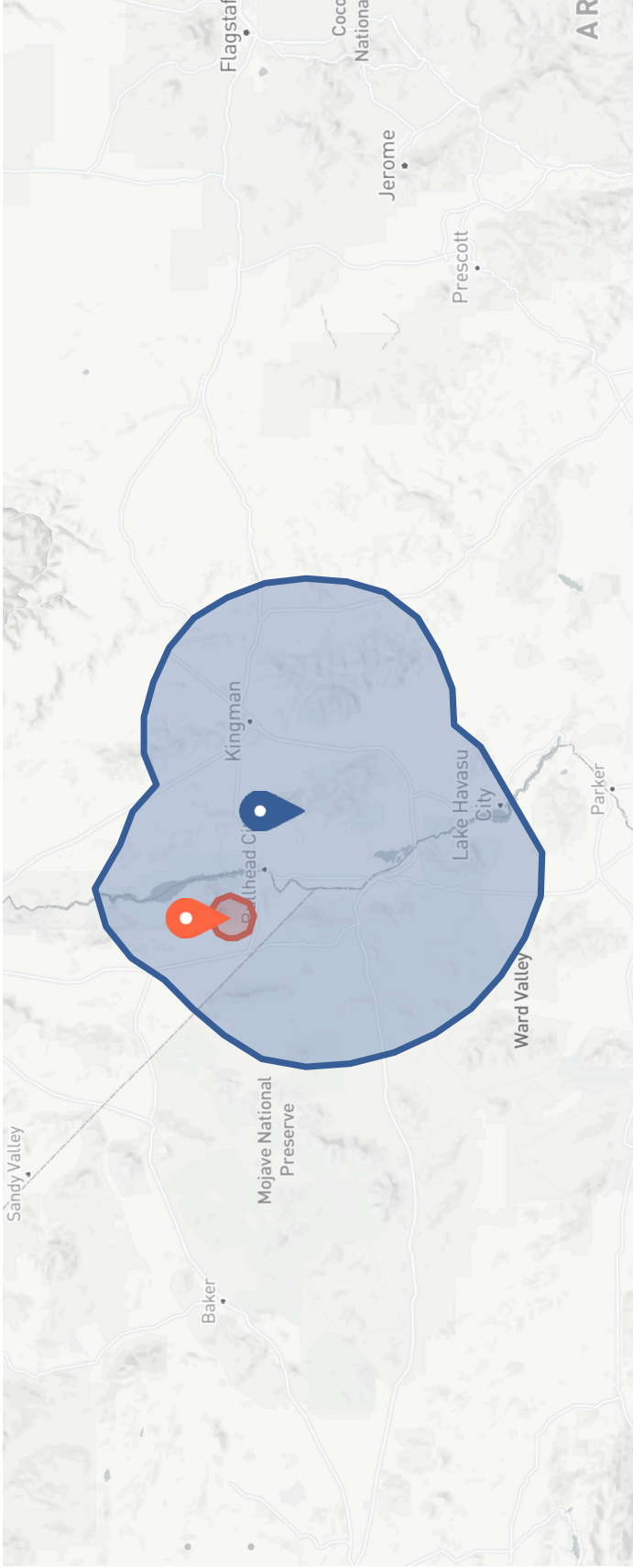
Legend

Application Station

Primary Station

Auxiliary Station

Nearby Station



Station and Contour Data

View	File Number	Call Sign	Service Code	Channel	City	State	Latitude	Longitude	ERP (kw)	HAAT (m)	RCAMSL (m)	Field Strength (dBu)	Curve
<input checked="" type="checkbox"/>	Custom	KJJJ	FS -	102.3/272	LAUGHLIN	NV	35° 14' 48.33"N	114° 44' 37.04"W	0.35	685.0	1478.0	60	F(50,50)
<input checked="" type="checkbox"/>	BLH-20090820ABV	KJJJ	FM - L2C	102.3/272	LAUGHLIN	NV	35° 1' 58.0"N	114° 21' 59.8"W	17.0	576.0	1367.0	60	F(50,50)

FS Study Results

▼ Subject Station Comments

▼ NEPA Results

Sum of Occupational: 14.55
Sum of Public: 72.77
RF (Radiofrequency) measured from the point 2 meters less than the study stations' RCAGL (Radiation Center Above Ground Level) value.

File Number	Call Sign	Service	HERP (kW)	VERP (kW)	Distance (m)	Height (m)	RF Occupational (%)	RF Public (%)	Status	Purpose
BLFT-20170112AAY	K242AS	FX	0.0	0.045	58.0	1477.0	0.0	0.0	Granted	License To Cover
BLFT-20060627ABO	K206DK	FX	0.08	0.08	58.0	1478.0	0.0	0.0	Granted	License To Cover
BLFD-20140428AAP	KVIR	FM	0.0	18.0	175.0	1490.0	0.03	0.13	Granted	License To Cover
0000123598	K277DK	FX	0.0	0.25	0.0	1486.0	0.0	0.0	Granted	Minor Modification
BLFT-20140320AEL	K263BM	FX	0.0	0.036	58.0	1475.0	0.0	0.0	Granted	License To Cover
0000132214	K277DK	FX	0.0	0.25	0.0	1486.0	0.0	0.0	Pending	License To Cover
BLFT-20040116AFZ	K213EC	FX	0.105	0.105	58.0	1478.0	0.0	0.0	Granted	License To Cover
BLFT-20080419AIIH	K245AW	FX	0.157	0.0	58.0	1482.0	0.0	0.0	Granted	License To Cover

▼ ASR Results

ASRNumber: No ASR Data Found

Application Site Elevation: 1467
Application Overall Height: 13
Latitude (NAD83): 35° 14' 48.33" N
Longitude (NAD83): 114° 44' 37.04" W

▼ AM Tower Results, Quiet Zones and Monitoring Stations

No Interference with FCC Quiet Zones and Stations.

▼ Antenna Pattern Result Check

Maximum to minimum ratio: 5.449
Maximum rate of change: 0.688 db between 230 degrees and 240 degrees.
Rates exceeding 2.0 db:

Program Inputs

▼ Coordinates and Community

Frequency/Channel: 102.3MHz /Channel272
Station Class: C1
Latitude (NAD83): 35° 14' 48.33" N
Longitude (NAD83): 114° 44' 37.04" W
State: NV
City: LAUGHLIN

▼ Directional Antenna Data

Antenna Data

		Horizontal	Vertical
ERP (Maximum Effective Radiated Power)		0 kW	.35 kW
HAAT (Height of Radiation Center Above Average Terrain)		0 m	685 m
RCAMS _L (Height of Radiation Center Above Mean Sea Level)		0 m	1478.0 m

Antenna Relative Field Values (Rotation = degrees)

Degree	Value	Degree	Value	Degree	Value
0	.592	10	.630	20	.679
40	.792	50	.845	60	.892
80	.956	90	.975	100	.987
120	.999	130	1.000	140	.999
160	.987	170	.975	180	.956
200	.892	210	.845	220	.792
240	.679	250	.630	260	.592
280	.549	290	.540	300	.535
320	.535	330	.540	340	.549
				350	.566

Additional Azimuths

Degree	Value
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Included and Excluded Stations

File Number	Call Sign	Class	Relationship	Channel	City	State	Service	Distance (km)	Status	Latitude	Longitude
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