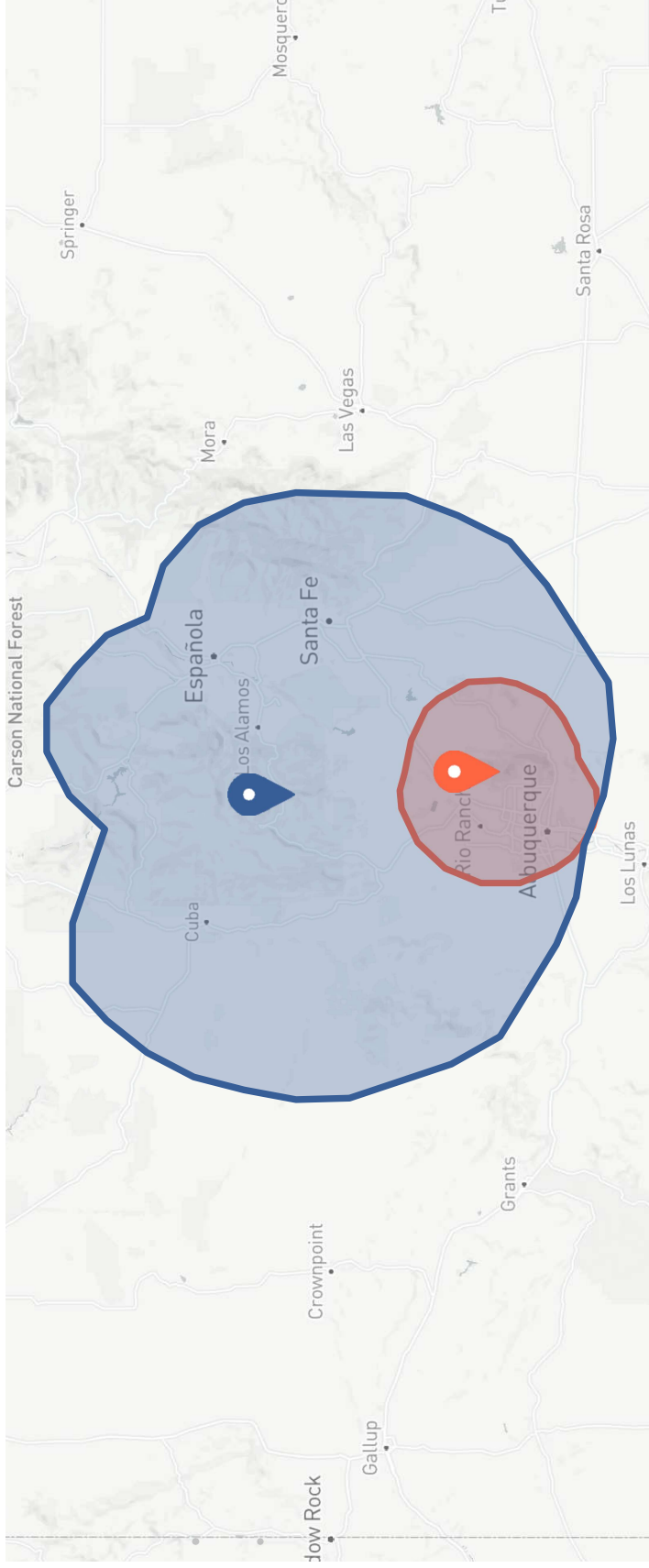


Engineering Programs

FS Study - Results

0000158159/ Call Sign: KABG



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	KABG	FS -	98.5/253	LOS ALAMOS	NM	35° 12' 52.0"N	106° 27' 02.7" W	0.047	1248.0	3242.0	60	F(50,50)
<input checked="" type="checkbox"/>	BMLH-20031230ABO	KABG	FM - AMD	98.5/253	LOS ALAMOS	NM	35° 46' 49.1"N	106° 31' 39.1" W	100.0	581.0	3061.0	60	F(50,50)

FS Study Results

▼ **Subject Station Comments**

Reason for Offline: The protected contour of the fill-in application is not encompassed by the protected contour of the primary station.

▼ **NEPA Results**

Sum of Occupational: 282.53
Sum of Public: 1412.67

RF (Radiofrequency) measured from the point 2 meters less than the study stations' **RCAGL (Radiation Center Above Ground Level)** value.

0000158163	KKSS	FS	0.047	0.047	0.0	6.0	8.72	43.62	Pending	Minor Modification
0000158164	KLVO	FS	0.0061	0.0061	0.0	6.0	1.13	5.66	Pending	Construction Permit
BLH-19800117AG	KPEK	FM	22.5	22.5	42.0	24.0	62.08	310.41	Granted	License To Cover
BLH-19790416AD	KBQI	FM	22.5	22.5	290.0	41.0	1.75	8.75	Granted	License To Cover
BLED-20070504ACR	KUNM	FM	21.5	21.5	261.0	38.0	2.06	10.31	Granted	License To Cover
BLFTB-20120426ABY	KQRI-FM1	FB	0.0	16.0	62.0	17.0	12.87	64.33	Granted	License To Cover
BMLED-20121126AQQ	KFLQ	FM	20.0	20.0	42.0	16.0	63.59	317.93	Granted	Minor Modification
BLFT-20150317AAN	K229CL	FX	0.0	0.25	296.0	5.0	0.01	0.05	Granted	License To Cover
0000158159	KABG	FS	0.047	0.047	0.0	6.0	8.72	43.62	Pending	Construction Permit

▼ **ASR Results**

ASRNumber: No ASR Data Found

Application Site Elevation: 3234
Application Overall Height: 9
Latitude (NAD83): 35° 12' 52.0" N
Longitude (NAD83): 106° 27' 02.7" 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:
Maximum rate of change:
Rates exceeding 2.0 db:

Program Inputs

▼ **Coordinates and Community**

Frequency/Channel: 98.5MHz /Channel253
Station Class: C
Latitude (NAD83): 35° 12' 52.0" N
Longitude (NAD83): 106° 27' 02.7" W
State: NM
City: LOS ALAMOS

▼ **Non-Directional Antenna Data**

Antenna Data

	Horizontal	Vertical
ERP (Maximum Effective Radiated Power)	0.047 kW	0.047 kW
HAAT (Height of Radiation Center Above Average Terrain)	1248 m	1248 m
RCAMSL (Height of Radiation Center Above Mean Sea Level)	3242.0 m	3242.0 m

▼ Included and Excluded Stations

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