

**April 2009**  
**FM Translator K265DN**  
**Flagstaff, Arizona Channel 264D**  
**Allocation Study**

The attached spacing study shows the spacing between the proposed translator site and the location of cochannel and adjacent channel stations and proposals. This study was made with the Commission's Class A spacing requirements, and individual situations were examined to determine the lack of prohibited contour overlap per the requirements of §74.1204 of the Rules.

The proposed translator transmitter site is located within the 60 dBu protected contour of third-adjacent channel station KVNA-FM 261C2 Flagstaff. The attached map of the proposed transmitter site depicts the 100 dBu contour from the proposed facility, which extends 222 meters per free space propagation. There is no population within this contour. Therefore, the proposed facility is believed to satisfy the requirements of §74.1204(d) with respect to KVNA-FM.

The proposed facility will operate with less than 100 Watts ERP. Therefore there are no spacing requirements pertaining to stations which are 53 or 54 channels removed from the proposed operation.

=====

SEARCH PARAMETERS FM Database Date: 090401

Channel: 264A 100.7 MHz Page 1

Latitude: 35 14 27

Longitude: 111 35 49

Safety Zone: 50 km

Job Title: FLAGSTAFF 264D

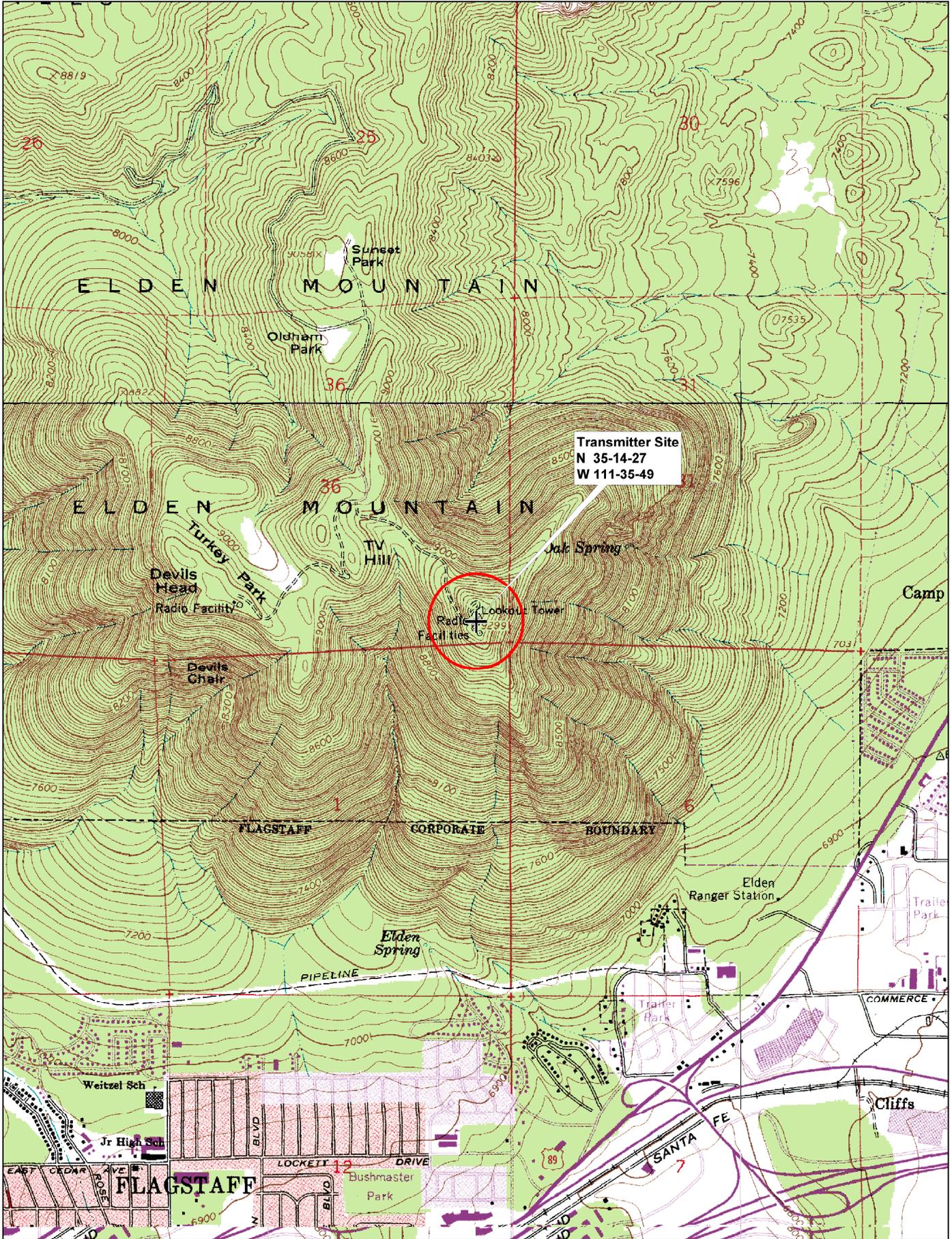
Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
KJTA LIC	FLAGSTAFF AZ	BLED-80801AVL	210C2 89.9	1.000 606.0	35-14-25 111-35-49	202.2	0.07 -14.93	15 SHORT
KVNA-FM RSV	FLAGSTAFF AZ	-	261C1 100.1	0.000 0.0	35-13-42 111-24-32	94.6	17.17 -57.83	75 SHORT
KVNA-FM LIC	FLAGSTAFF AZ	BMLH-60113ABB	261C2 100.1	5.300 437.0	34-58-05 111-30-29	165.0	31.33 -23.67	55 SHORT
DEL	PAULDEN AZ	RM-bg-144*	263C3 100.5	0.000 0.0	34-53-00 112-28-00	243.6	88.70 -0.30	89 SHORT
VAC	PAULDEN AZ	RM-10179	263C3 100.5	0.000 0.0	34-53-00 112-28-00	243.6	88.70 -0.30	89 SHORT
K264AZ CP	PRESCOTT AZ	BPFT-71128AIF	263D 100.5	0.175 73.0	34-36-18 112-25-43	227.2	103.68 0.00	0 TRANS
NEW-T APP	TUBA CITY AZ	BNPFT-30317JIW	263D 100.5	0.075 197.0	36-07-54 111-14-60	17.5	103.71 0.00	0 TRANS
K264AZ LIC	PRESCOTT AZ	BLFT-70706ACF	264D 100.7	0.014 268.0	34-42-53 112-31-33	235.6	102.96 0.00	0 TRANS
KSLX-FM LIC	SCOTTSDALE AZ	BLH-790907AC	264C 100.7	100.000 561.0	33-19-53 112-03-47	191.5	216.11 -9.89	226 SHORT
KSLXaux LIC	SCOTTSDALE AZ	BXLH-60809ADT	264C 100.7	12.000 543.0	33-19-53 112-03-47	191.5	216.11 0.00	0 AUX
NEW-T APP	SNOWFLAKE AZ	BNPFT-30317LCF	264D 100.7	0.205 54.0	34-30-17 110-05-04	120.2	160.60 0.00	0 TRANS
K265BU LIC	COTTONWOOD AZ	BLFT-850422TD	265D 100.9	0.087 1248.0	34-41-13 112-06-59	217.7	77.63 0.00	0 TRANS
K265DN LIC	FLAGSTAFF AZ	BLFT-970604TB	265D 100.9	0.010 DA 809.0	35-14-27 111-35-49	0.0	0.00 0.00	0 TRANS

```

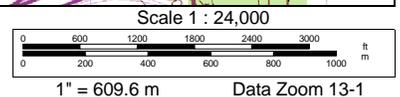
=====
SEARCH PARAMETERS                               FM Database Date: 090401
Channel: 264A 100.7 MHz                          Page 2
Latitude: 35 14 27
Longitude: 111 35 49
Safety Zone: 50 km
Job Title: FLAGSTAFF 264D
    
```

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
K265CI LIC	PRESCOTT AZ	BLFT-851115TA	265D 100.9	0.090 DA 0.0	34-29-20 112-32-15	226.0	119.81 0.00	0 TRANS
RSV	CORDES LAKES AZ	RM-11403	266C 101.1	0.000 0.0	34-20-58 111-48-00	190.7	100.62 5.62	95 CLOSE
KNRJ CP	CORDES LAKES AZ	BPH-70330BLN	266C 101.1	43.000 836.0	34-14-03 112-22-01	212.4 SS	132.07 37.07	95 CLEAR
DEL	PAYSON AZ	RM-bg-144*	266C1 101.1	0.000 0.0	34-13-51 111-19-28	167.4	114.79 39.79	75 CLEAR
KNRJ LIC	PAYSON AZ	BLH-981230KA	266C1 101.1	82.000 326.0	34-25-48 111-30-16	174.6	90.35 15.35	75 CLEAR
ADD	SPRING VALLEY AZ	RM-bg-144*	266C 101.1	0.000 0.0	34-15-03 112-19-11	211.2	128.23 33.23	95 CLEAR

44444 END OF FM SPACING STUDY FOR CHANNEL 264 44444



Data use subject to license.  
© 2004 DeLorme. XMap® 4.5.  
www.delorme.com



**April 2009**  
**FM Translator K265DN**  
**Flagstaff, Arizona Channel 264D**  
**NIER Study**

**Facilities Proposed**

The proposed operation will be on Channel 264D (100.7 MHz) with an effective radiated power of 10 Watts. Operation is proposed with an antenna to be mounted on an existing tower on Mount Elden.

The proposed antenna support structure will not exceed 60.96 meters (200 feet) above ground and does not require notification to the Federal Aviation Administration. Therefore, this structure does not require an Antenna Structure Registration Number.

**NIER Calculations**

Section 1.1307(b)(1) of the Commission's Rules exempts FM translators and boosters operating with an effective radiated power of 100 Watts or less from the requirement to submit an Environmental Assessment to determine compliance with FCC specified guidelines for human exposure to radiofrequency radiation. The applicant proposes operation with an effective radiated power of 20 Watts (10 Watts H + 10 Watts V) and therefore no calculations have been submitted. Nonetheless, public access to the site is restricted and all station personnel and contractors are required to follow appropriate safety procedures, including turning off the transmitter if necessary, prior to commencing work on the antenna tower.