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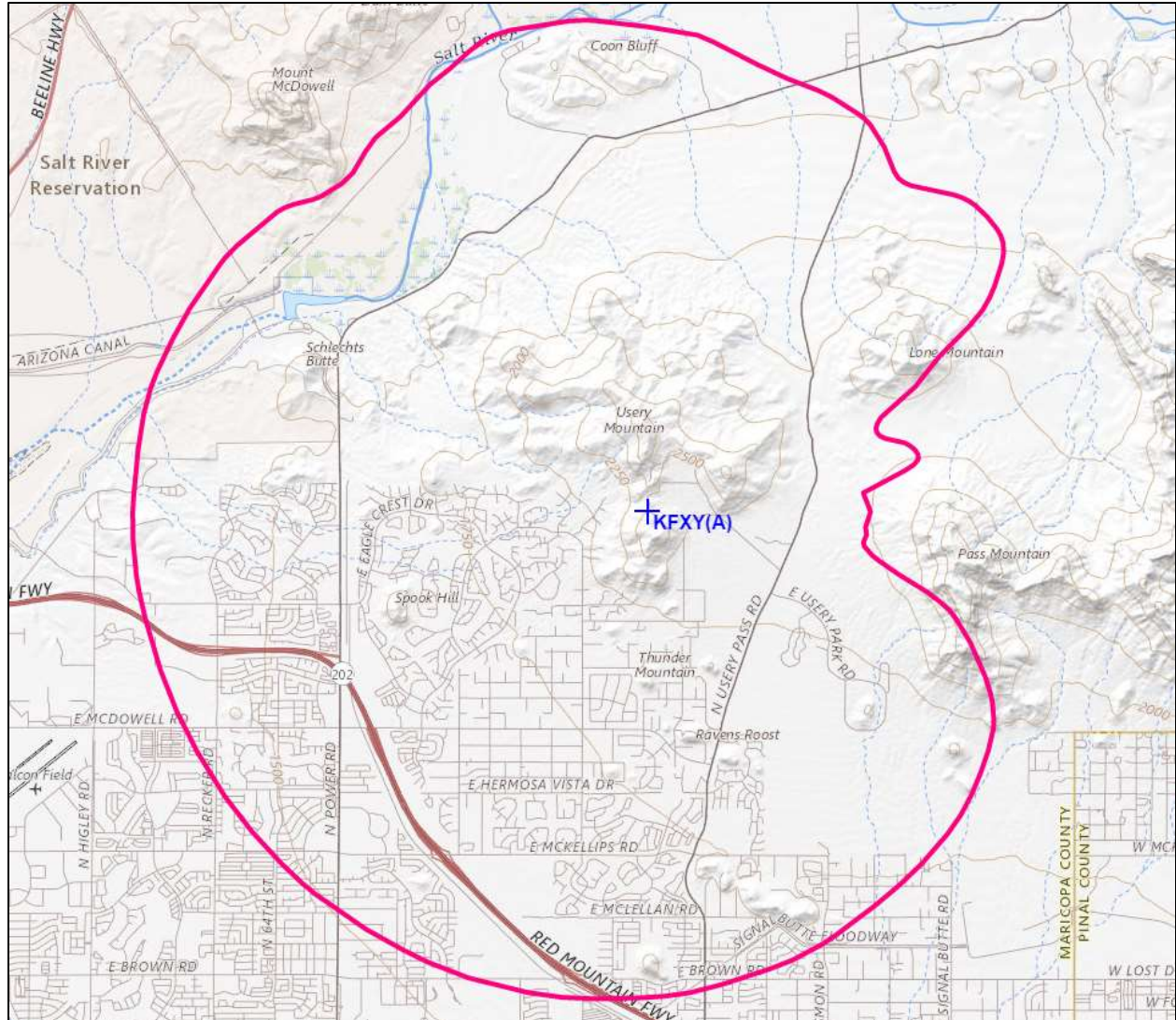
Minor modification for KFXV-LP

MESA, AZ

SAN TAN EDUCATIONAL MEDIA

BLL-20170710AAT

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



MESA, AZ – Channel 258LP100 (99.5 MHz) ~ ERP 0.002 kW

Elev: 768 meters ~ RCAGL: 7.6 meters ~ RCAMSL: 775.6 meters ~ HAAT: 264 meters

Overall tower height: 30.5 meters – ASR: Not necessary – no nearby airports.

NAD83 Latitude: 33° 29' 29.9" NL – Longitude: 111° 38' 26.9" WL

NAD27 Latitude: 33° 29' 29.7" NL – Longitude: 111° 38' 24.4" WL

No AM stations within 5 km.

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 33 - 29' 29.6" - LONGITUDE: 111 - 38' 24.4"
CHANNEL: 258 - CLASS: LP-100

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
255	98.9	KPIH-LP	PAYSON	AZ L1	89.8	0.0	89.8	19.6
		: RIM CATHOLIC EVANGELIZATION ASSOC.						
255	98.9	KZXK	DONEY PARK	AZ C2	194.0	0.0	194.0	1.1
		: COCHISE BROADCASTING LLC						
256	99.1	KFXV-LP	MESA	AZ L1	0.1	0.0	0.1	7.7
		: SAN TAN EDUCATIONAL MEDIA						
256	99.1	K246CH	PHOENIX	AZ D8	0.1	21.0	-20.9	20.1
		: ROCKET RADIO CORPORATION						
256	99.1	K246CH	PHOENIX	AZ D8	0.1	21.0	-20.9	20.1
		: ROCKET RADIO CORPORATION						
257	99.3	KEMP	PAYSON	AZ C3	81.8	67.0	14.8	19.8
		: KEMP COMMUNICATIONS, INC.						
257	99.3	K257CD	PHOENIX	AZ D8	43.0	28.0	15.0	285.5
		: LPFM BROADCASTING, LLC						
257	99.3	KEMP	PAYSON	AZ C2	81.8	80.0	1.8	19.8
		: KEMP COMMUNICATIONS, INC.						
257	99.3	KRWV-LP	GOLD CANYON	AZ L1	25.4	14.0	11.4	130.8
		: GOLD CANYON PUBLIC RADIO INC						
258	99.5	KIIM-FM	TUCSON	AZ C	146.3	130.0	16.3	160.4
		: RADIO LICENSE HOLDING CBC, LLC						
258	99.5	KRPH	MORRISTOWN	AZ C2	122.0	91.0	31.0	306.9
		: DEPORTES Y MUSICA COMUNICACIONES LLC						
258	99.5	KRPH	MORRISTOWN	AZ C2	129.1	91.0	38.1	307.4
		: DEPORTES Y MUSICA COMUNICACIONES LLC						
260	99.9	KESZ	PHOENIX	AZ C	43.0	93.0	-50.0	245.9
		: CC LICENSES, LLC						
261	100.1	KVNA-FM	FLAGSTAFF	AZ C2	164.2	0.0	164.2	4.1
		: YAVAPAI BROADCASTING CORPORATION						

ABOUT THIS APPLICATION

REQUEST FOR EXPEDITED HANDLING

DETAILS OF SITE ASSURANCE

KFXV-LP
Mesa, Arizona
Channel 25LP100 (99.5 MHz)

The instant application is being filed following the *Order and Consent Decree* between the Commission and San Tan Educational Media (STEM).¹ In accordance with paragraph 13 of the *Consent Decree*, STEM is requesting expedited handling of the instant application. Once granted, the applicant is prepared to construct.

While required on the license application under paragraph 15(a) of the *Consent Decree*, we are also including documentation from the site owner, Fisher Wireless to demonstrate site assurance in the form of a signed lease agreement² as well as correspondence from the City of Mesa, Arizona to certify that the construction of the proposed facility does not require any additional city permits as the equipment is less than 30 feet tall and part of a pre-existing structure.

Prepared by

/S/
Michelle Bradley, CBT
Founder
REC Networks
Acting Compliance Officer for San Tan Educational Media

November 21, 2019

¹ 34 FCC Rcd. 7624 (EB, 2019) (“*Consent Decree*”).

² The version included has the monthly lease rate redacted as this information is not relevant to facilitate a construction permit or license grant, even in the face of the *Consent Decree*. If this information is absolutely necessary to facilitate the terms of the *Consent Decree*, please contact Michelle Bradley at REC Networks to arrange for a non-redacted version.



FISHER WIRELESS
SERVICES, INC.

Communication Site Agreement

Usery Pass Tower

License: San Tan Educational Media

550 W. Baseline Rd. 102-116

Mesa, Arizona 85210

Attn : Ryan Greig 479-935-6983

ryan.greig@gmail.com

License Date: Nov. 1st 2019

Month Fee: \$ [REDACTED] per Month

Terms: Lease: Renewal 1 year

Equipment: 1 - 4 ft BEXT MDR Antenna
with mounting bracket.

Fisher Wireless Services, Inc.

by: *Susan Fisher*

date 11/07/19

Company Name

by: *San Tan Educational Media*

date 11-05-2019

Ryan Greig

14530 South Commercial
Blythe, CA 92225
760-922-4150
Fax 760-922-2548



TEAM TALK
NETWORK, LLC

CERTIFICATION FROM CITY OF MESA
TO DEMONSTRATE THAT APPLICATION
MEETS LOCAL ZONING/LAND USE REQUIREMENTS

From: Donna Canale <Donna.Canale@mesaaz.gov>

Date: October 15, 2019 at 2:50:30 PM MST

To: Ryan G <ryan.greig2@gmail.com>

Subject: RE: Permit for antenna

Ryan,

Since the equipment you are adding is less than 30 feet tall and is part of a pre-existing site, there is no permit required.

-----Original Message-----

From: Ryan G <ryan.greig2@gmail.com>

Sent: Tuesday, October 15, 2019 2:12 PM

To: Donna Canale <Donna.Canale@mesaaz.gov>

Subject: Permit for antenna

Hi Donna,

Thanks for talking with me today. Just wanted to get confirmation that a permit is not required to put an antenna on an existing radio tower at the Usery Pass tower sites.

Thank you!

Ryan

REQUEST FOR WAIVER OF §73.807
SHORT-SPACED SECOND ADJACENT CHANNEL

KFXV-LP
Mesa, Arizona
Channel 258LP100 (99.5 MHz)

The instant application specifies facilities that do not meet the §73.807 minimum distance separation requirements in respect to second-adjacent channel facility KESZ, Phoenix, Arizona. This facility also does not meet the minimum distance separation to the pending applications for second-adjacent channel FM translator K246CH, Phoenix, Arizona.

KESZ operates on Channel 260C with 99 kW effective radiated power (ERP) at 519 meters height above average terrain (HAAT) into a non-directional antenna. KESZ places a 77.4 dBu service contour at the proposed site.

The pending construction permit applications for K246CH (Facility ID No. 155722) is proposed for Channel 256D with 0.25 kW ERP at 10 meters above ground level.³ As K246CH(CP) is on an adjacent site on the same mountain, it places a service contour into the proposed site that exceeds 120 dBu.

When there are multiple short-spaced stations, we further evaluate the weaker of the two stations as the interfering contour in respect to the stronger station will be fully encompassed by the interfering contour of the weaker station. The weaker station in this case is KESZ.

Using the U/D method⁴, the proposed LPFM station is predicted to produce an undesired interference overlap in respect to KESZ to the proposed LPFM station's 117.4 dBu interference contour ("overlap zone"). At 2 watts ERP, the overlap zone extends to 13 meters from the radiation center. The proposed site is a remote mountaintop communications site. The immediate structures surrounding the tower site are for the communications site and are normally unoccupied. The nearest occupied structure is located 472 meters to the west at an elevation approximately 140 meters lower. As a result, the proposed facility will not cause any interference to KESZ and K246CH.

For the foregoing reasons, the applicant is requesting a waiver of §73.807 in respect to KESZ, Phoenix, Arizona and the pending construction permits for K246CH.

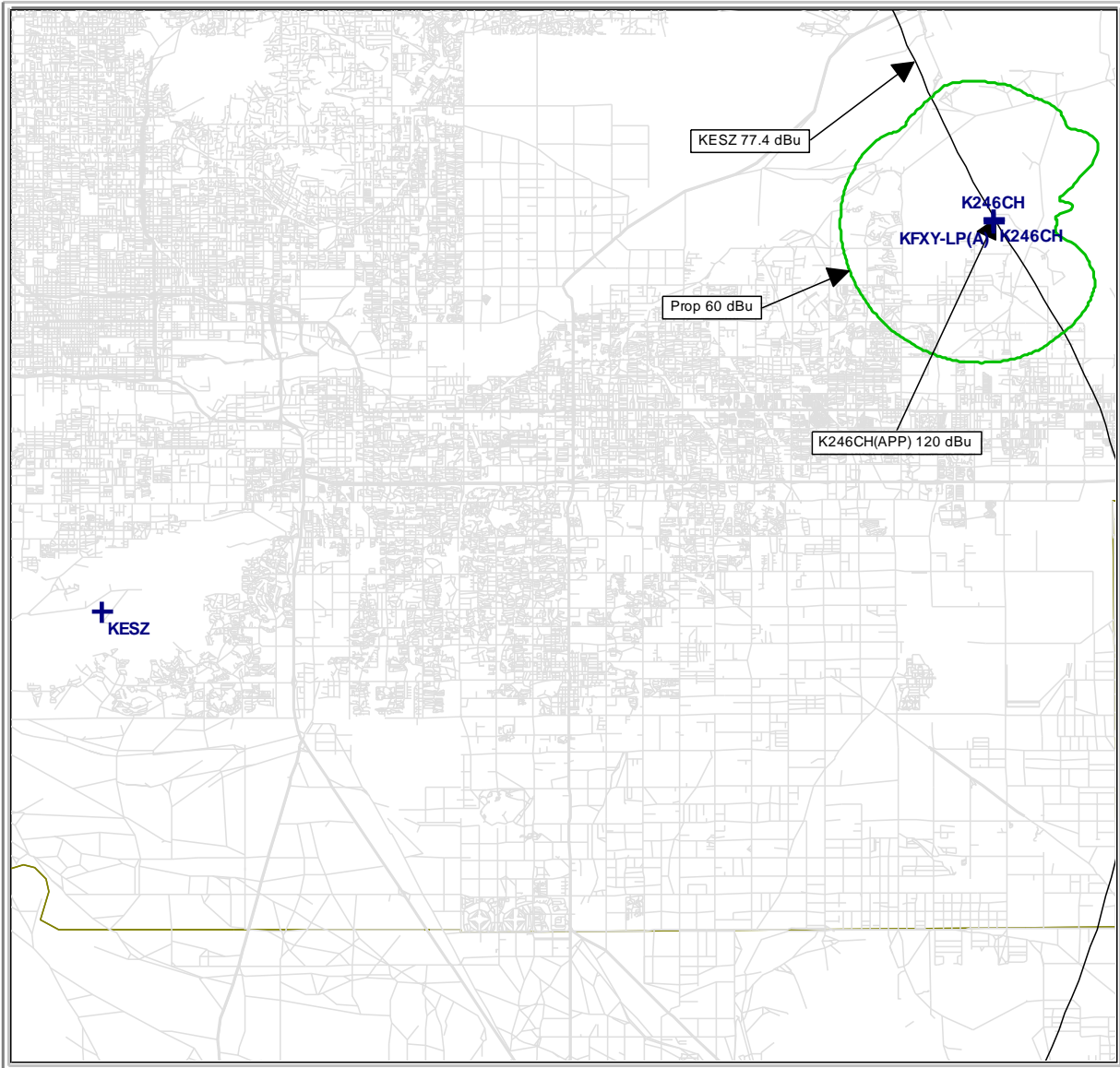
Prepared by
/S/
Michelle Bradley, CBT
November 21, 2019

³ See File Nos. BPFT-20180625ABP and BMPFT-20180706ABB.

⁴ See *Living Way Ministries, Inc.* Memorandum Opinion and Order, 17 FCC Rcd 17054, 17056 (2002) at 5. *Recon denied* 23 FCC Rcd 15070 (2008).



KFXV-LP Second Adjacent Waiver



Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **33° 29' 29.88" North**

Longitude **111° 38' 26.89" West** (NAD 83)

These coordinates convert to NAD 27 coordinates of
33° 29' 29.72", North, 111° 38' 24.40" West (NAD 27).

Height of antenna radiation center above mean sea level: **775.6 meters AMSL**

Number of Evenly Spaced Radials = **8** 0° is referenced to True North

Results

Calculated HAAT = **264 meters**

Antenna Height Above Average Terrain calculated
using FCC 30 second terrain database (continental USA only)

Individual "Radial HAAT" Values, in meters

0°	302.5 m
45°	248.1 m
90°	57.5 m
135°	239.5 m
180°	304.4 m
225°	346.0 m
270°	360.8 m
315°	257.2 m