EXHIBIT 2
TECHNICAL CERTIFICATION
RE: THE BROADCAST FACILITY

The Applicant requests a new construction permit for K25MK-D to change the transmitting antenna system.[1] This modification does not exceed the criteria for application processing under the minor change rule for digital low power television and TV translator stations.[2] A detailed *TVStudy* analysis was performed to evaluate the new technical parameters based on the new directional antenna pattern. As shown in Figure 1, the results indicate no interference check failures were found.[3] Therefore, the proposed facility remains in full compliance with 47 C.F.R. Sections 74.709, 74.793(e), 74.793(f), 74.793(g) and 74.793(h).

Respectfully submitted,

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May 5, 2023

List of Attachments
Figure 1 – TVStudy Analysis Summary

[1] See 47 CFR § 74.751(b) - A formal construction permit application is required to make any change in the transmitting antenna system.

[2] See 47 CFR § 74.787 – Digital licensing of low power television and TV translator stations.

[3] *TVStudy* Program - Version 2.2.5 was utilized to evaluate this proposal based on the default Interference Check template normally used for application processing. The following analysis settings were used: cell size = 1.0 km; profile point spacing = 1.0 km.

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FIGURE 1
Analysis Results Summary
***TVStudy Version** 2.2.5.*

Study created: 2023.05.05 13:59:37

Study build station data: LMS TV 2023-05-05

Proposal: K25MK-D D25 LD APP CAMP VERDE, AZ
File number: K25MK-D New-CP 287Watts
Facility ID: 69921
Station data: User record
Record ID: 865
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K21GE-D	N21-	TX	LIC	CAMP VERDE, AZ	BLTT20040830AAI	0.0 km
No	K23FZ-D	N23+	TX	LIC	CAMP VERDE, AZ	BLTT20040927ABU	0.0
No	K24KS-D	D24	LD	LIC	FLAGSTAFF, AZ	BLDTT20111201MML	89.3
No	KTVK	D24	DT	LIC	PHOENIX, AZ	BLANK0000150263	127.5
No	K25PJ-D	D25	LD	LIC	CHLORIDE, AZ	BLANK0000071721	233.4
Yes	K25MG-D	D25	LD	LIC	FLAGSTAFF, AZ	BLDTT20111101AAX	89.3
No	KDVD-LD	D25	LD	CP	GLOBE, AZ	BLANK0000213831	127.7
No	KDVD-LD	D25	LD	LIC	GLOBE, AZ	BLANK0000073198	127.7
No	K25DH-D	D25	LD	LIC	MEADVIEW, AZ	BLDTT20130308ABY	254.5
Yes	K25OM-D	D25	LD	LIC	PRESCOTT, AZ	BLANK0000058628	60.9
No	KJPO-LD	D25	LD	LIC	TONOPAH, AZ	BLANK0000151024	154.4
No	KMSB	D25	DT	LIC	TUCSON, AZ	BLCDT20050623ABE	252.4
No	K25QN-D	D25	LD	CP	DESERT CENTER, CA	BNPDTL20100514ACT	322.8
No	DK25GK	N25+	TX	APP	JOSHUA TREE, CA	BLTT20000605AOK	377.6
No	K25QD-D	D25	LD	LIC	TOHATCHI, NM	BLANK0000081918	323.8
No	KPVM-LD	D25	LD	LIC	LAS VEGAS, NV	BLANK0000112505	331.3
No	K25LU-D	D25	LD	LIC	MESQUITE, NV	BLDTT20101228ABT	328.5
No	K25PA-D	D25	LD	LIC	St. George, UT	BLANK0000177049	326.5
No	K26NG-D	D26	LD	LIC	EAST FLAGSTAFF, AZ	BLANK0000058629	89.2
No	K26OD-D	D26	LD	LIC	GLOBE, AZ	BLANK0000064242	155.8
No	KUTP	D26	DT	LIC	PHOENIX, AZ	BLCDT20130625AAK	127.4
No	DKCOS-LP	N28-	TX	APP	PHOENIX, AZ	BLTTL19990325JD	110.5
No	CADENATRESD	25	DT	LIC	PUERTO PENASCO, SO	BLANKBPFS20130710AAD	384.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D25
Mask: Simple
Latitude: 34 28 12.00 N (NAD83)
Longitude: 111 52 24.50 W
Height AMSL: 1970.2 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.287 kW
Antenna: SCA CL-1489B 0.0 deg
Elev Pattrn: Generic

49.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.287 kW	965.0 m	50.0 km
45.0	0.014	939.9	30.8
90.0	0.000	931.4	3.6
135.0	0.000	870.4	3.6
180.0	0.000	375.6	3.2
225.0	0.000	531.9	3.4
270.0	0.000	503.5	3.4
315.0	0.014	436.1	23.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 694 m

Distance to Canadian border: 1614.8 km

Distance to Mexican border: 300.5 km

Conditions at FCC monitoring station: Douglas AZ
Bearing: 147.3 degrees Distance: 389.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 41.0 degrees Distance: 857.8 km

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

No IX check failures found.