

Technical Exhibit FCC Form 349
SIGA BROADCASTING CORPORATION
Minor Modification K269GS
Facility ID#147268
.25 kW Horizontal & Vertical
Houston, TX

Purpose Of Application

SIGA BROADCASTING CORPORATION, ("SIGA"), the licensee of K269GS proposes through this instant application to modify K269GS. This proposal is to file for use as a fill-in translator for use with the co-owned KGBC (AM) FID 26002, Galveston, TX. The proposed facility is on the existing licensed tower. FCC 30 second terrain data was used for all contour calculations. The antenna used for the proposed facility is a Kathrein/Scala CA5 FM H & V dual antennas .5 wave spaded with one oriented at 40 degrees true and the other oriented at 160 degrees True mounted at 56 meters above ground level. This is an existing structure. The translator proposed 60 dBu 50-50 contour lies entirely within the KGBC 2 mV/m day ground wave contour.

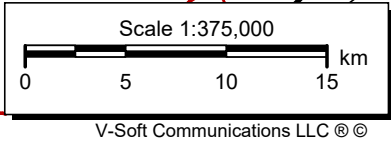
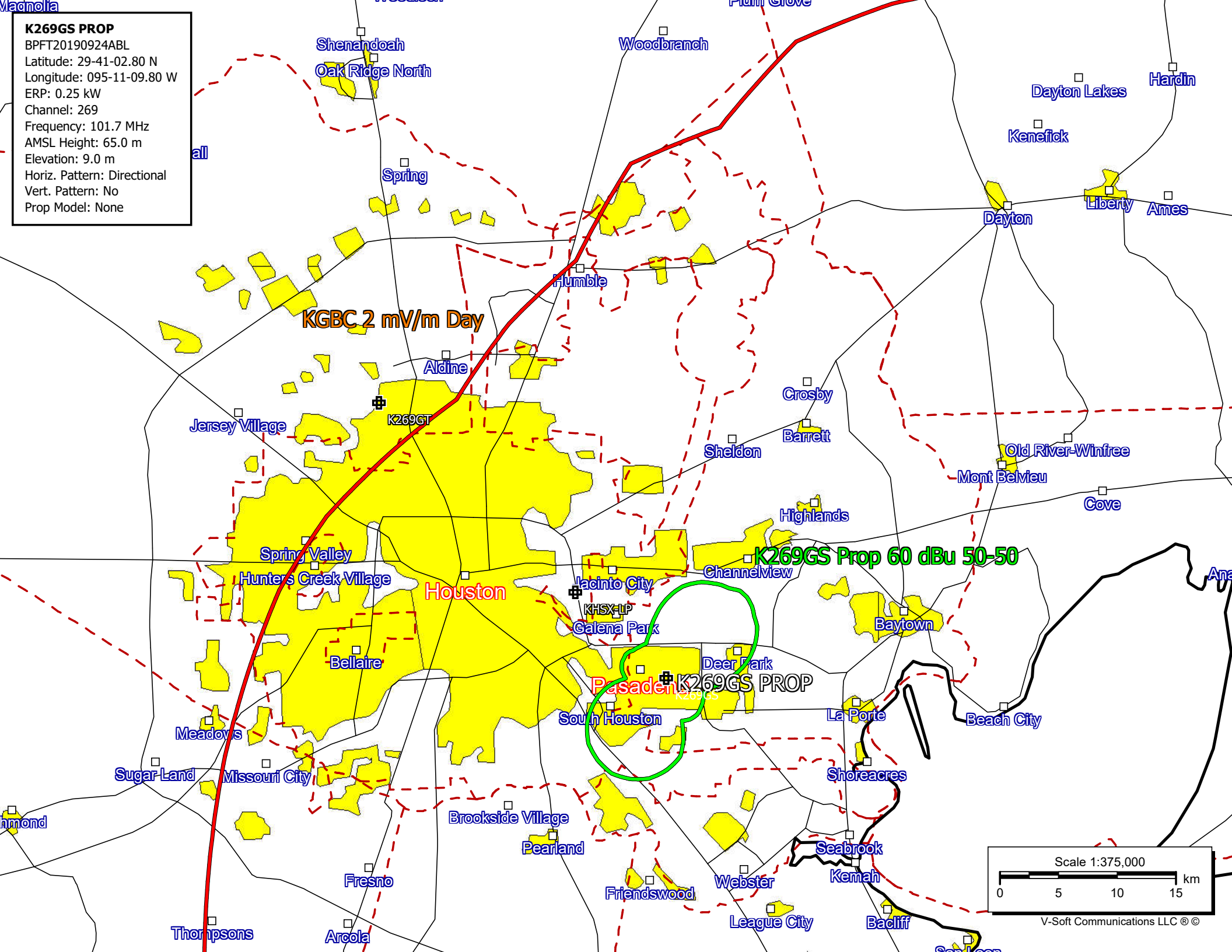
Interference To Other Facilities

This proposed facility complies with 47CFR 74.1204 of the Commission's rules for interference to other facilities. There is no overlap of the proposed facility's interfering contours with the protected contours of any other application or facility, with the exception of third adjacent KLOL Ch. 266C FID 35073, Houston, TX and second adjacent KMJQ Ch. 271C FID 11971. This proposal does not change the relationship with either facility.

Environmental

The proposed location is an existing tower. The antenna proposed was studied using the OET FM model program for an EPA Type 1 for a directional antenna. The power density at 2 meters above ground level was shown to be 3.44 microwatts/cm² which occurs at 14.6 meters from the base of the support structure. This is 1.72% of the maximum level for general population uncontrolled exposure which exempts this facility from further study.

K269GS PROP
BPFT20190924ABL
Latitude: 29-41-02.80 N
Longitude: 095-11-09.80 W
ERP: 0.25 kW
Channel: 269
Frequency: 101.7 MHz
AMSL Height: 65.0 m
Elevation: 9.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None



K269GS Minor												
REFERENCE		CH#	269D	-	101.7 MHz, Pwr= 0.25 kW DA, HAAT= 55.9 M, Average Protected F(50-50)= 9.84 km Standard Directional				COR=	65 M	DISPLAY DATES DATA 10-04-22 SEARCH 10-04-22	
29 41 02.80 N.	95 11 09.80 W.											
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*	
CITY	STATE			<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)	
266C	KLOL	LIC _CN		249.1	33.58	29 34 34.80	100.000	13.6	91.4	15.9	-58.0*	
Houston	TX			69.0	BMLH20090814AAT	95 30 36.70	585	605	Audacy License, LLC			
271C	KMJQ	LIC _CN		247.8	32.18	29 34 27.80	100.000	12.8	88.4	15.1	-56.3*	
Houston	TX			67.6	BLH19831017AC	95 29 37.70	524	544	Radio One Licenses, LLC			
269C1	KNTE	LIC _CN		223.1	133.95	28 48 00.90	35.000	164.4	72.0	-37.2*	46.8	
Bay City	TX			42.6	BMLH20130716ACQ	96 07 32.90	450	457	Estrella Radio License Of			
269D	K269GS	CP DCN		0.0	0.00	29 41 02.80	0.250		---Reference---			
Houston	TX			0.0	BPFT20190924ABL	95 11 09.80		65	Siga Broadcasting Corporat			
269D	K269GS	LIC DCN		0.0	0.00	29 41 02.80	0.250		---Reference---			
Houston	TX			0.0	BMLFT20180727AAW	95 11 09.80		65	Siga Broadcasting Corporat			
269D	K269GT	CP DCN		313.9	33.85	29 53 42.70	0.220	38.7	8.1	-7.4*	10.3	
Houston	TX			133.8	0000158662	95 26 20.60		180	King Broadcasting Corporat			
268D	K268CW	LIC DCN		245.2	24.12	29 35 34.50	0.250	21.8	10.9	-2.0	4.5	
Houston	TX			65.1	BLFT20160803AAN	95 24 44.30		136	Houston Christian Broadcas			
269D	K269GT	LIC DCN		313.9	33.85	29 53 42.70	0.250	33.2	6.8	-1.9	11.6	
Houston	TX			133.8	0000150750	95 26 20.60		180	King Broadcasting Corporat			
268L1	KHSX-LP	LIC _CN		313.5	10.64	29 45 00.00	0.100		-1.1	0.0		
Houston	TX			133.5	BLL20180321AAI	95 15 57.90	24	35	His Sanctuary Ministries U			
269C3	KSAM-FM	CP ZCN		342.7	117.42	30 41 41.00	15.500	106.9	38.6	3.3	63.1	
Huntsville	TX			162.6	0000189834	95 33 05.00	127	226	Heh Communications, LLC			
215C3	KTSU	LIC _CN		284.4	17.83	29 43 25.80	18.500	439734800	0000000000000000.0			
									1426575000000000000000.0			
									11.5R	6.3M		
Houston	TX			104.3	BLED19791128AC	95 21 52.70	81	97	Texas Southern University			
269C3	KAYD-FM	LIC NCN		67.0	124.20	30 06 54.80	10.500	103.7	38.8	11.0	56.4	
Silsbee	TX			247.6	BLH20021121AAU	93 59 56.60	153	155	Cumulus Licensing LLC			
268A	NEW	APP DCN		106.6	68.49	29 30 25.60	6.000	43.7	28.3	17.0	32.1	
Crystal Beach	TX			286.9	0000159005	94 30 31.30	100	100	Mekaddesh Group Corporatio			
268A	DKSTB	VAC _N		106.5	68.83	29 30 25.83	6.000	43.7	28.3	17.4	32.4	
Crystal Beach	TX			286.8		94 30 17.69	100	100	From CDBS			
269L1	KQEU-LP	LIC _CN		274.8	45.31	29 43 03.30	0.100		22.7	28.2		
Houston	TX			94.6	BLL20190703ADG	95 39 09.90	25	52	Ntd Public Media			
269A	KSAM-FM	LIC _CN		342.7	117.67	30 41 48.60	3.700	83.5	28.2	26.9	74.1	
Huntsville	TX			162.5	BMLH19900807KC	95 33 08.70	128	230	Heh Communications, LLC			
268L1	KOER-LP	LIC _CN		309.6	54.83	29 59 52.40	0.100		41.4	43.4		
Cypress	TX			129.4	BLL20161109AAE	95 37 28.90	30	76	Rhema Gospel Radio			
268L1	KXAQ-LP	LIC _CN		44.0	65.45	30 06 25.80	0.083		46.0	44.9		
Liberty	TX			224.2	BLL20150609ABJ	94 42 47.70	33	50	Hwy 90 Church of Christ			

Terrain database is FCC NGDC 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= west Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: AM tower