

Technical Exhibit FCC Form 349
SIGA Broadcasting Corp.
Minor Change K273CS
Facility ID 147278
.247 kW Vertical

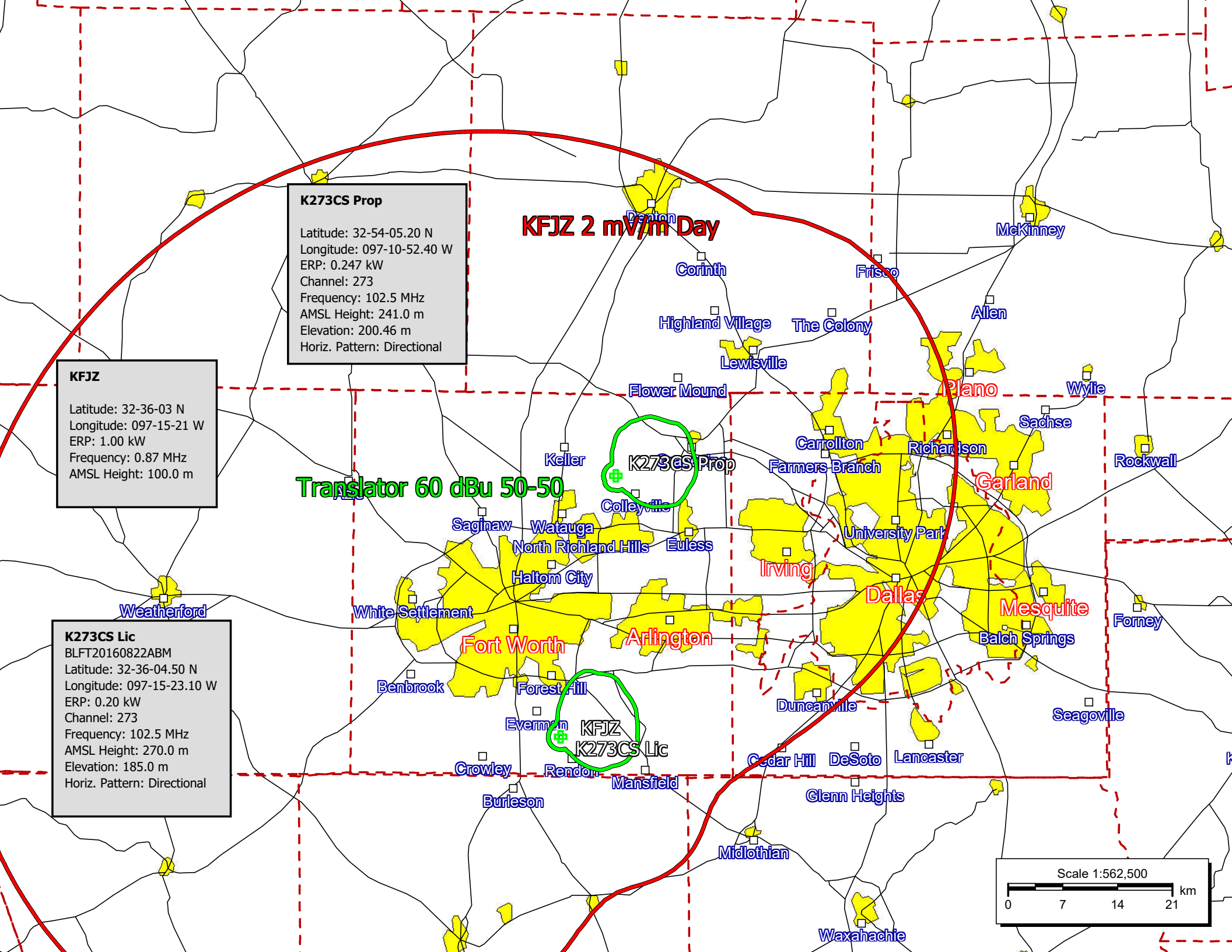
SIGA Broadcasting Corp, ("SIGA") the licensee of this facility proposes through this instant application to modify K273CS. The proposal is to move the translator to an existing tower ASR 1057660 using a directional antenna. This facility is a fill in translator for KFJZ (AM) FID 23138, Fort Worth, TX. The resulting 60 dBu contour does not exceed the 2 mV/m contour of the AM. This same proposal BPFT20170615ABA was granted in June 2017 and expired in June of 2020.

Interference To Other Facilities

The facility SIGA proposes complies with 47 CFR 74.1204 of the Commission's rules for interference to other facilities. A computer program V-Soft FM Commander was used to show compliance with 03 second NED terrain data. 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 KDGE (FM) FID 9620 Ch. 271C Fort Worth-Dallas, TX and KDMX (FM) FID 47739. Ch. 275C, Dallas, TX. The contour of each of these two facilities that completely encompasses the proposed translator site is 81.74 dBu 50-50. The translator 121.749 dBu 50-10 contour extends a maximum of 19 meters from the base of the tower. When the antenna's vertical radiation pattern is considered, this contour never reaches ground level. The closest it comes to ground level is 39 meters above ground level at 70 meters from the base of the tower. Therefore no actual interference will occur, as it never reaches ground level.

Environmental

The proposed facility is an existing 48.7 meter tower. The proposed antenna was studied using the OET FM Model program and will be mounted 37 m above ground level. Using the program with the EPA model, EPA Type 1, the worst-case model, the worst-case power density is 6.42 microwatts/centimeter² which occurs at 8 meters from the base of the tower. This is 3.2% of the maximum level for general population, uncontrolled exposure level, and exempts the facility from further study, as it is an insignificant contributor.



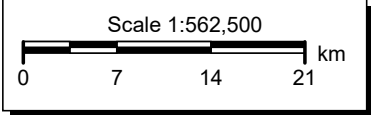
K273CS Prop
Latitude: 32-54-05.20 N
Longitude: 097-10-52.40 W
ERP: 0.247 kW
Channel: 273
Frequency: 102.5 MHz
AMSL Height: 241.0 m
Elevation: 200.46 m
Horiz. Pattern: Directional

KFJZ 2 mV/m Day

KFJZ
Latitude: 32-36-03 N
Longitude: 097-15-21 W
ERP: 1.00 kW
Frequency: 0.87 MHz
AMSL Height: 100.0 m

Translator 60 dBu 50-50

K273CS Lic
BLFT20160822ABM
Latitude: 32-36-04.50 N
Longitude: 097-15-23.10 W
ERP: 0.20 kW
Channel: 273
Frequency: 102.5 MHz
AMSL Height: 270.0 m
Elevation: 185.0 m
Horiz. Pattern: Directional



K273CS Mod
Siga Broadcasting Corporation

REFERENCE 32 54 05.20 N. 97 10 52.40 W.	CH# 273D - 102.5 MHz, Pwr= 0.247 kW DA, HAAT= 54.3 M, COR= 241 M Average Protected F(50-50)= 9.66 km Standard Directional	DISPLAY DATES DATA 05-10-21 SEARCH 05-10-21
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CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)
271C Fort Worth-Dallas	KDGE	LIC NCN TX	150.1 330.2	40.03 BLH20141222AFE	32 35 20.50 96 58 06.00	100.000 545	13.4 736	90.8 Ihm Licenses, LLC	20.3	-50.8*
275C Dallas	KDMX	LIC _CN TX	150.1 330.2	40.04 BLH20141222AFH	32 35 20.00 96 58 05.90	100.000 545	13.4 736	90.8 Ihm Licenses, LLC	20.3	-50.7*
273C2 Whitesboro	KMAD-FM	LIC NCN TX	37.7 218.2	111.46 BLH20030117ABC	33 41 31.40 96 26 37.00	18.000 205	122.4 393	49.0 Alpha Media Licensee LLC	-20.9*	32.1
273D Dallas	K273BJ	LIC _CN TX	107.9 288.1	44.20 BLFT20090121ADC	32 46 43.50 96 43 52.00	0.250 135	51.2 281	15.8 Inspiration Media Of Texas	-16.1*	0.0
273C1 Hillsboro	KBRQ	LIC ZCN TX	179.0 359.0	119.70 BMLH20161018AAT	31 49 29.90 97 09 33.20	100.000 137	120.5 305	43.7 Ihm Licenses, LLC	-2.4*	66.7
273L1 Denton	KOCQ-LP	LIC _CN TX	0.3 180.3	27.18 0000110994	33 08 45.40 97 10 47.00	0.100 30	226	-0.6 Organizacion Cristiana La		0.4
273D Fort Worth	K273CS	LIC DVN TX	191.9 11.9	34.02 BLFT20160822ABM	32 36 04.50 97 15 23.10	0.200	270	---Reference--- Siga Broadcasting Corporat		
273L1 Fort Worth	KEFW-LP	LIC _CN TX	242.6 62.4	23.91 BLL20180315AAB	32 48 07.50 97 24 30.10	0.010 91	295	3.0 North Fort Worth Hispanic		13.1
219C0 Dallas	KKXT	LIC _CN TX	150.0 330.1	40.68 BLED20140903AFT	32 35 02.50 96 57 49.00	19.500 572	17.9 764	5.5 North Texas Public Broadca	24.5R	16.2M
273D Mineral Wells	K273CP	LIC _VN TX	252.9 72.5	60.56 BLFT20160809ABD	32 44 21.50 97 48 00.10	0.020	27.3 438	8.1 Cssi Non Profit Educationa	31.7	47.7
273D Terrell	K273DA	LIC _CN TX	102.1 282.6	84.22 BLFT20180829AAP	32 44 23.40 96 18 01.90	0.190	22.1 172	6.6 Mohnkern Electronics, Inc.	52.6	48.0

Terrain database is NED 03 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.

05-09-2021 Terrain Data: NED 03 SEC FMOver Analysis

K273BJ BLFT20090121ADC

K273CS

Channel = 273D
Max ERP = 0.25 kW
RCAMSL = 281 m
N. Lat. 32 46 43.50
W. Lng. 96 43 52.00
Protected
60 dBu

Channel = 273D
Max ERP = 0.247 kW
RCAMSL = 241 m
N. Lat. 32 54 05.20
W. Lng. 97 10 52.40
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
228.0	000.2500	0123.8	014.3	126.3	000.0356	0060.7	039.1	29.62	
229.0	000.2500	0123.9	014.3	126.2	000.0359	0060.7	038.8	29.75	
230.0	000.2500	0123.8	014.3	126.2	000.0362	0060.7	038.6	29.88	
231.0	000.2500	0124.4	014.3	126.1	000.0364	0060.7	038.4	30.00	
232.0	000.2500	0125.7	014.4	126.1	000.0363	0060.7	038.1	30.10	
233.0	000.2500	0126.6	014.4	126.1	000.0364	0060.7	037.8	30.21	
234.0	000.2500	0126.7	014.4	126.0	000.0369	0060.7	037.6	30.36	
235.0	000.2500	0126.0	014.4	125.8	000.0375	0060.7	037.4	30.53	
236.0	000.2500	0125.4	014.4	125.6	000.0382	0060.7	037.1	30.69	
237.0	000.2500	0126.2	014.4	125.6	000.0384	0060.7	036.9	30.82	
238.0	000.2500	0126.1	014.4	125.4	000.0390	0060.7	036.7	30.98	
239.0	000.2500	0127.1	014.5	125.3	000.0392	0060.7	036.4	31.11	
240.0	000.2500	0128.0	014.5	125.2	000.0396	0060.6	036.2	31.25	
241.0	000.2500	0128.9	014.6	125.2	000.0399	0060.6	035.9	31.39	
242.0	000.2500	0128.4	014.5	124.9	000.0407	0060.7	035.7	31.56	
243.0	000.2500	0128.7	014.6	124.8	000.0412	0060.7	035.5	31.72	
244.0	000.2500	0126.1	014.4	124.4	000.0425	0060.9	035.3	31.93	
245.0	000.2500	0125.0	014.4	124.1	000.0434	0061.1	035.1	32.13	
246.0	000.2500	0124.3	014.3	123.8	000.0442	0061.2	034.9	32.31	
247.0	000.2500	0123.1	014.2	123.5	000.0453	0061.3	034.8	32.50	
248.0	000.2500	0122.2	014.2	123.2	000.0463	0061.2	034.6	32.66	
249.0	000.2500	0122.4	014.2	123.0	000.0471	0061.2	034.4	32.82	
250.0	000.2500	0123.5	014.3	122.8	000.0476	0061.2	034.1	32.97	
251.0	000.2500	0123.9	014.3	122.6	000.0483	0061.2	033.9	33.13	
252.0	000.2500	0125.0	014.4	122.4	000.0489	0061.3	033.7	33.29	
253.0	000.2500	0126.4	014.4	122.2	000.0495	0061.5	033.4	33.47	
254.0	000.2500	0126.7	014.4	122.0	000.0504	0061.7	033.2	33.66	
255.0	000.2500	0127.1	014.5	121.7	000.0513	0061.9	033.0	33.84	
256.0	000.2500	0128.4	014.5	121.5	000.0520	0062.1	032.8	34.04	

257.0	000.2500	0129.4	014.6	121.2	000.0528	0062.6	032.6	34.26
258.0	000.2500	0130.3	014.7	121.0	000.0537	0063.1	032.4	34.48
259.0	000.2500	0131.1	014.7	120.7	000.0547	0063.6	032.2	34.72
260.0	000.2500	0132.0	014.8	120.4	000.0558	0064.1	031.9	34.97
261.0	000.2500	0135.4	015.0	120.3	000.0562	0064.3	031.6	35.17
262.0	000.2500	0137.2	015.1	120.1	000.0571	0064.5	031.4	35.39
263.0	000.2500	0138.7	015.2	119.8	000.0582	0065.1	031.1	35.66
264.0	000.2500	0140.1	015.3	119.5	000.0592	0066.0	030.9	35.96
265.0	000.2500	0141.3	015.3	119.2	000.0604	0066.8	030.7	36.25
266.0	000.2500	0145.0	015.6	119.0	000.0611	0067.1	030.3	36.52
267.0	000.2500	0147.3	015.7	118.7	000.0621	0067.5	030.1	36.78
268.0	000.2500	0148.8	015.8	118.3	000.0635	0068.1	029.8	37.07
269.0	000.2500	0150.0	015.9	118.0	000.0649	0068.5	029.6	37.33
270.0	000.2500	0150.8	015.9	117.5	000.0665	0068.9	029.5	37.59
271.0	000.2500	0151.9	016.0	117.1	000.0682	0069.1	029.3	37.82
272.0	000.2500	0152.0	016.0	116.6	000.0702	0069.7	029.1	38.10
273.0	000.2500	0151.9	016.0	116.1	000.0724	0069.8	029.0	38.30
274.0	000.2500	0152.0	016.0	115.6	000.0744	0069.9	028.9	38.50
275.0	000.2500	0152.3	016.0	115.1	000.0765	0070.1	028.8	38.71
276.0	000.2500	0152.1	016.0	114.6	000.0787	0070.1	028.7	38.89
277.0	000.2500	0152.3	016.0	114.0	000.0809	0070.7	028.6	39.14
278.0	000.2500	0152.4	016.0	113.5	000.0830	0071.2	028.5	39.37
279.0	000.2500	0152.2	016.0	113.0	000.0853	0071.1	028.5	39.50
280.0	000.2500	0151.4	016.0	112.4	000.0878	0070.6	028.5	39.57
281.0	000.2500	0151.3	016.0	111.8	000.0902	0069.6	028.4	39.60
282.0	000.2500	0150.9	016.0	111.3	000.0926	0068.6	028.4	39.61
283.0	000.2500	0150.1	015.9	110.7	000.0951	0067.7	028.4	39.61
284.0	000.2500	0149.7	015.9	110.1	000.0977	0066.7	028.4	39.61
285.0	000.2500	0149.8	015.9	109.6	000.1002	0066.1	028.4	39.66
286.0	000.2500	0149.9	015.9	109.0	000.1026	0065.6	028.3	39.72
287.0	000.2500	0149.7	015.9	108.5	000.1053	0065.1	028.3	39.77
288.0	000.2500	0148.9	015.8	107.9	000.1080	0064.9	028.4	39.82
289.0	000.2500	0147.8	015.8	107.4	000.1106	0064.8	028.4	39.87
290.0	000.2500	0146.5	015.7	106.8	000.1131	0064.9	028.5	39.92
291.0	000.2500	0145.1	015.6	106.3	000.1156	0064.9	028.7	39.95
292.0	000.2500	0144.2	015.5	105.7	000.1182	0064.8	028.7	39.99
293.0	000.2500	0142.5	015.4	105.2	000.1208	0064.6	028.9	39.98
294.0	000.2500	0140.8	015.3	104.7	000.1231	0064.2	029.0	39.93
295.0	000.2500	0140.0	015.3	104.2	000.1252	0063.7	029.1	39.88
296.0	000.2500	0139.9	015.3	103.7	000.1275	0063.3	029.2	39.88
297.0	000.2500	0138.8	015.2	103.3	000.1297	0063.2	029.3	39.87
298.0	000.2500	0137.8	015.1	102.8	000.1319	0063.1	029.4	39.86
299.0	000.2500	0136.8	015.1	102.3	000.1341	0063.0	029.6	39.84
300.0	000.2500	0135.2	015.0	101.9	000.1361	0063.2	029.7	39.83
301.0	000.2500	0134.2	014.9	101.5	000.1380	0063.2	029.9	39.82
302.0	000.2500	0133.5	014.9	101.0	000.1400	0063.2	030.0	39.82
303.0	000.2500	0132.7	014.8	100.6	000.1420	0063.5	030.1	39.84
304.0	000.2500	0131.6	014.7	100.2	000.1440	0063.5	030.3	39.82
305.0	000.2500	0130.7	014.7	099.8	000.1459	0063.5	030.5	39.79
306.0	000.2500	0129.3	014.6	099.4	000.1475	0063.5	030.6	39.75

307.0	000.2500	0128.2	014.5		099.1	000.1492	0063.7	030.8	39.73
308.0	000.2500	0127.7	014.5		098.7	000.1510	0063.7	031.0	39.71
309.0	000.2500	0126.5	014.4		098.3	000.1526	0063.8	031.1	39.67
310.0	000.2500	0125.3	014.4		098.0	000.1541	0063.8	031.3	39.63
311.0	000.2500	0123.8	014.3		097.7	000.1557	0063.8	031.5	39.58
312.0	000.2500	0122.2	014.2		097.4	000.1571	0063.8	031.8	39.52
313.0	000.2500	0120.7	014.1		097.1	000.1585	0063.8	032.0	39.46
314.0	000.2500	0119.5	014.0		096.9	000.1600	0063.7	032.2	39.39
315.0	000.2500	0118.0	014.0		096.6	000.1613	0063.6	032.4	39.32
316.0	000.2500	0116.5	013.9		096.4	000.1625	0063.5	032.6	39.25
317.0	000.2500	0115.1	013.8		096.1	000.1638	0063.4	032.8	39.18
318.0	000.2500	0114.8	013.8		095.8	000.1652	0063.3	033.0	39.12
319.0	000.2500	0114.6	013.8		095.5	000.1667	0063.2	033.2	39.07
320.0	000.2500	0113.5	013.7		095.3	000.1677	0063.1	033.4	39.00
321.0	000.2500	0111.9	013.6		095.2	000.1686	0063.1	033.6	38.92
322.0	000.2500	0110.9	013.5		095.0	000.1695	0063.1	033.8	38.85
323.0	000.2500	0109.7	013.5		094.8	000.1702	0063.1	034.0	38.77
324.0	000.2500	0108.8	013.4		094.6	000.1710	0063.2	034.3	38.71
325.0	000.2500	0107.7	013.3		094.4	000.1717	0063.2	034.5	38.63
326.0	000.2500	0106.4	013.3		094.3	000.1723	0063.2	034.7	38.55
327.0	000.2500	0105.1	013.2		094.1	000.1728	0063.3	034.9	38.47
328.0	000.2500	0103.7	013.1		094.0	000.1733	0063.3	035.2	38.39
329.0	000.2500	0102.6	013.0		093.9	000.1738	0063.4	035.4	38.32
330.0	000.2500	0101.5	013.0		093.8	000.1742	0063.4	035.6	38.24
331.0	000.2500	0100.2	012.9		093.7	000.1745	0063.4	035.9	38.15
332.0	000.2500	0098.7	012.8		093.6	000.1748	0063.4	036.1	38.06
333.0	000.2500	0097.7	012.7		093.5	000.1752	0063.4	036.3	37.98
334.0	000.2500	0097.4	012.7		093.4	000.1757	0063.4	036.5	37.91
335.0	000.2500	0097.9	012.7		093.2	000.1765	0063.4	036.7	37.85
336.0	000.2500	0099.4	012.8		092.9	000.1777	0063.3	036.9	37.81
337.0	000.2500	0101.2	012.9		092.6	000.1790	0063.1	037.0	37.75
338.0	000.2500	0102.7	013.0		092.3	000.1802	0063.0	037.2	37.69
339.0	000.2500	0104.7	013.2		092.0	000.1815	0062.8	037.3	37.65
340.0	000.2500	0106.8	013.3		091.7	000.1827	0062.8	037.5	37.60
341.0	000.2500	0109.4	013.4		091.3	000.1841	0062.8	037.7	37.57
342.0	000.2500	0111.4	013.6		091.0	000.1852	0062.8	037.8	37.52
343.0	000.2500	0114.2	013.7		090.7	000.1867	0062.7	038.0	37.48
344.0	000.2500	0116.9	013.9		090.3	000.1881	0062.7	038.2	37.44
345.0	000.2500	0117.3	013.9		090.2	000.1887	0062.7	038.4	37.37
346.0	000.2500	0118.5	014.0		090.0	000.1895	0062.9	038.6	37.32
347.0	000.2500	0120.7	014.1		089.7	000.1907	0063.0	038.8	37.28

K273CS Fort Worth, Texas, Showing Protection to KDGE , Channel: 271
 Geographic Coordinates: N. 32 54 05.20 W. 97 10 52.40
 74.1204(d) Study - Using FCC 30 SEC Terrain Database
 Translator Maximum Licensed ERP = 0.247 kW, Channel: 273
 Translator Antenna Height AG = 37 meters
 K273CS Antenna Azimuth Model = Vertical Model Name = CLFMV

Protected Station's Contour = 81.74972 dBu
 Translator's full Interference contour 121.74972

Review Azimuth = 150.1 Degrees True
 Horizontal Relative Field at Review Azimuth = 0.030
 Translator ERP on the horizontal at Review Azimuth = 0.0 kW
 Distance between stations = 40.0 km
 Protected Station= KDGE, 100 kW, 736 M meters COR AMSL

Depression Angle From Degree(Deg)	Vertical Relative Field	Horizontal Relative Field	ERP (kw)	Dist to IX Contour Along Dep. Angle(m)	Dist to IX Contour From Tower Base(m)	Height IX Above Ground (m)
00.00	1.0	0.03	0.0074	015.6107	015.6107	037.000
05.00	0.977	0.03	0.0071	015.2517	015.1936	035.671
10.00	0.915	0.03	0.0062	014.2838	014.0668	034.520
15.00	0.815	0.03	0.0049	012.7227	012.2892	033.707
20.00	0.689	0.03	0.0035	010.7558	010.1071	033.321
25.00	0.549	0.03	0.0022	008.5703	007.7673	033.378
30.00	0.405	0.03	0.0012	006.3223	005.4753	033.839
35.00	0.269	0.03	0.0005	004.1993	003.4399	034.591
40.00	0.149	0.03	0.0002	002.3260	001.7818	035.505
45.00	0.051	0.03	0.0000	000.7961	000.5630	036.437
50.00	0.023	0.03	0.0000	000.3590	000.2308	036.725
55.00	0.071	0.03	0.0000	001.1084	000.6357	036.092
60.00	0.097	0.03	0.0001	001.5142	000.7571	035.689
65.00	0.099	0.03	0.0001	001.5455	000.6531	035.599
70.00	0.075	0.03	0.0000	001.1708	000.4004	035.900
75.00	0.049	0.03	0.0000	000.7649	000.1980	036.261
80.00	0.024	0.03	0.0000	000.3747	000.0651	036.631
85.00	0.015	0.03	0.0000	000.2342	000.0204	036.767
90.00	0.015	0.03	0.0000	000.2342	000.0000	036.766