

TECHNICAL NARRATIVE

March 19, 2024

This Technical Statement and attached exhibits were prepared on behalf of IHM Licenses, LLC, (“IHM”), licensee of station KVDU, Channel 281C, Facility ID No. 34528, Houma, Louisiana with construction permit LMS File Number 0000187347 to operate on Channel 281C3, licensed to Gonzales, Louisiana.

IHM seeks to modify KVDU construction permit 0000187347 to operate on Channel 281C3 from a different transmit location, licensed to Gonzales, Louisiana. The proposed KVDU application site is an existing tower registered with Antenna Structure Registration (“ASR”) number 1001108. The coordinates are 30° 22’ 25.9” North Latitude 91° 05’ 44.2” West Longitude (NAD 83). The proposed KVDU modification is mutually exclusive to the licensed facility of KVDU. The proposed KVDU facility would operate with 17.5 kW at 112.8 meters height above ground level and 118.74 meters HAAT. The KVDU application site channel study shows one short-spacing to second adjacent full power FM station WNXX, Channel 283A, Jackson, Louisiana. IHM requests Section 73.215 contour protection with respect to WNXX.

The KVDU FCC F(50,50) 70 dBu contour does not reach 80 percent of Gonzales. Therefore, a Section 73.315 Supplemental Showing is included that demonstrates that KVDU reaches 100 percent of Gonzales with a Longley-Rice 70 dBu mean occurrence contour.

A study has been undertaken to show the proposed KVDU facility is in compliance with the Commission’s radio frequency emission limits and the results are attached as exhibits.

KVDU Channel 281C3 CP Mod. Appl. Site Channel Study

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REFERENCE                                     DISPLAY DATES
30 22 25.9 N.                               CLASS = C3 Int = B1      DATA 03-14-24
91 05 44.2 W.                               Current Spacings to 3rd Adj.  SEARCH 03-14-24
----- Channel 281 - 104.1 MHz -----
Call      Channel  Location  Azi      Dist      FCC      Margin
      Lat.      Lng.      Ant      Power      HAAT
-----
KVDU      CP -N 281C3  Gonzales      LA  341.0      2.6      152.5      -149.9
30 23 44.7  91 06 15.6  NCN      18.000 kW      102 M
      Ihm Licenses, LLC      0000214602

KVDU      LIC      281C      Houma      LA  142.5      58.8      236.5      -177.8
29 57 13.7  90 43 25.3  CN      100.000 kW      593 M
      Ihm Licenses, LLC      BLH19880224KB

AL2507679 ALO-D 281C3  Gonzales      LA  341.0      2.6      152.5      -149.9
30 23 44.7  91 06 15.6  D      0.000 kW      100 M
      0000219795

K279AL     LIC      279D      Baton Rouge      LA  14.9      6.2      40.5      -34.3
30 25 39.7  91 04 44.4  VN      0.019 kW      84 M
      CSN International      BMLFT20160509AAQ

WNXX       LIC      283A      Jackson      LA  356.0      41.3      41.5      -0.17
30 44 44.7  91 07 32.4  CN      3.000 kW      144 M
      Guaranty Broadcasting Comp      BLH20070702AAN
Note: See Section 73.215 Contour Protection - WNXX

W279DB     LIC      279D      Hammond      LA  75.0      58.6      40.5      18.2
30 30 32.0  90 30 19.0  CN      0.250 kW      0 M
      North Shore Broadcasting,      BLFT20190130ABA

KQFA-LP    LIC      282L1     Lafayette      LA  259.9      90.5      66.5      24.0
30 13 43.7  92 01 16.4  HN      0.050 kW      50 M
      Lafayette Jesucristo Es Mi      0000111356

KEZP       ALO      282C3      Bunkie      LA  307.1      125.2      98.5      26.7
31 02 56.7  92 08 34.5      0.000 kW      100 M
      Smg-Alexandria, LLC

KLWB-FM    LIC-N 279C2  Carencro      LA  267.8      83.5      55.5      28.0
30 20 32.7  91 57 46.4  NCN      10.000 kW      283 M
      Delta Media Corporation      BLH20131101AFX

KQXP-LP    CP      281L1     Rayne      LA  265.6      113.3      77.5      35.8
30 17 23.0  92 16 11.0  CN      0.100 kW      30 M
      Jam Expo      0000240447

WMJU       LIC      282C3      Bude      MS  16.9      137.5      98.5      39.0
31 33 33.6  90 40 26.4  CN      25.000 kW      100 M
      North Shore Broadcasting C      BLH19990916AAL

K284CU     LIC      284D      Houma      LA  153.5      79.7      40.5      39.2
29 43 48.8  90 43 37.3  CN      0.250 kW      0 M
      Jle, Incorporated      BLFT20180607AAB

K279CU     LIC      279D      Thibodaux      LA  153.5      79.7      40.5      39.2
29 43 48.8  90 43 37.3  CN      0.250 kW      0 M
      Gap Broadcasting, LLC      BLFT20170313ABM

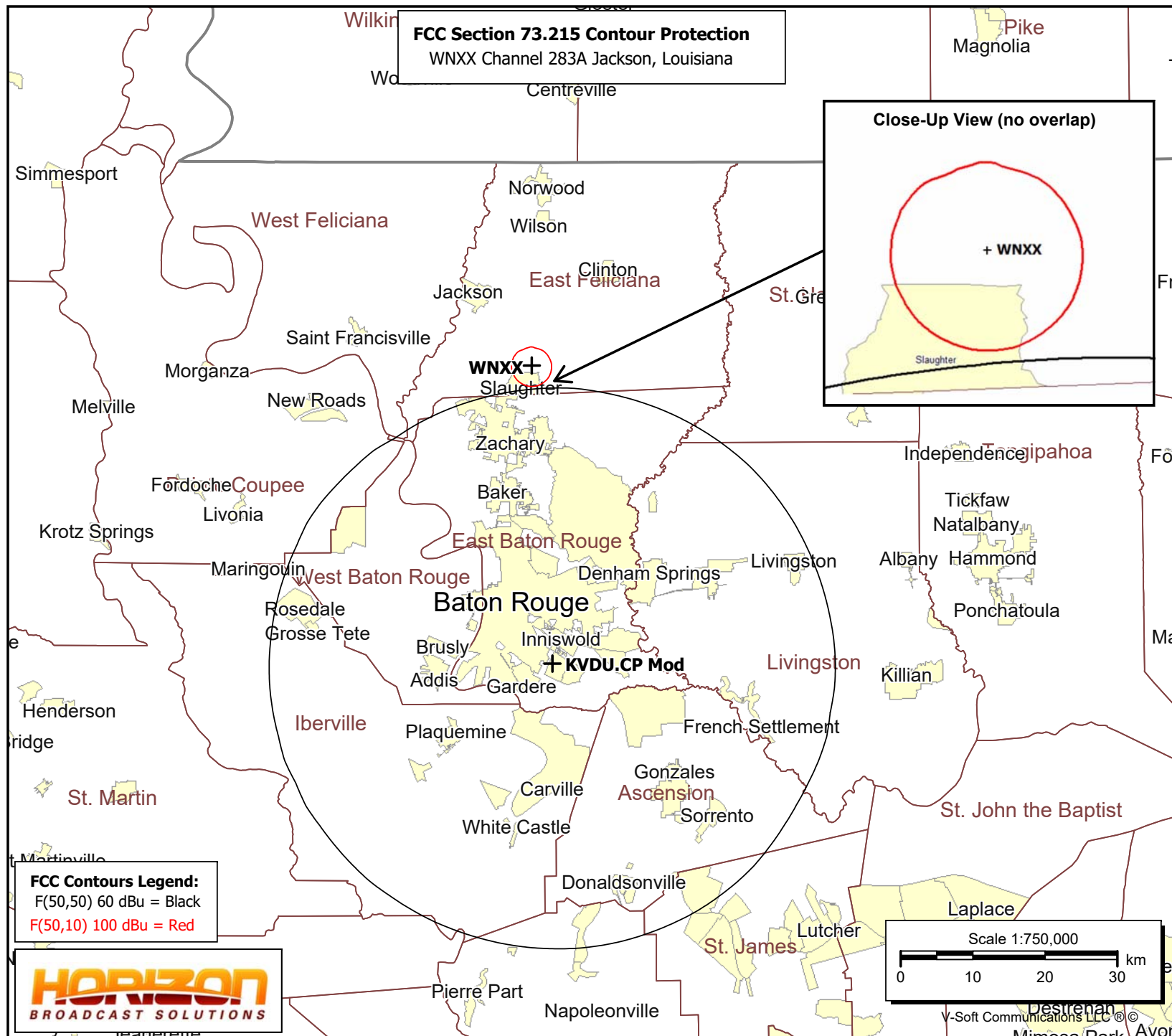
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Call	Channel	Location		Azi	Dist	FCC	Page #
Lat.	Lng.	Ant	Power		HAAT	Margin	
KJLO-FM	LIC	281C0	Monroe	LA	340.0	270.4	225.5
32 39 36.5	92 05 15.5	CN	100.000 kW		310 M	44.9	
Holladay Broadcasting Of L BLH19880812KE							
KEZP	LIC	282C3	Bunkie	LA	303.6	144.6	98.5
31 05 14.7	92 21 34.5	CN	19.200 kW		114 M	46.1	
Smg-Alexandria, LLC BLH20060119ADJ							
WJSH	ALO	284A	Folsom	LA	65.0	88.8	41.5
30 42 28.7	90 15 18.3		0.000 kW		100 M	47.3	
North Shore Broadcasting C							
KLCJ	LIC-N	281A	Oak Grove	LA	258.3	195.9	141.5
30 00 11.8	93 05 05.6	NCN	6.000 kW		94 M	54.4	
Delta Media Corporation BLH20170622AAH							
KNEK-FM	LIC	284C3	Washington	LA	273.4	98.0	42.5
30 25 17.7	92 06 50.4	CN	25.000 kW		100 M	55.5	
Radio License Holding Cbc, BLH19960223KB							
KNEK-FM	ALO	284C3	Washington	LA	274.8	102.3	42.5
30 26 45.7	92 09 24.4		0.000 kW		100 M	59.8	
Radio License Holding Cbc,							

Gonzales, LA
0000214602
Latitude: 30-22-25.90 N
Longitude: 091-05-44.20 W
ERP: 17.50 kW
HAAT: 118.74
Channel: 281
Frequency: 104.1 MHz
AMSL Height: 126.5 m
Elevation: 13.7 m
Horiz. Pattern: Omni
Prop Model: None

Jackson, LA
BLH20070702AAN
Latitude: 30-44-44.70 N
Longitude: 091-07-32.40 W
ERP: 6.00 kW
HAAT: 99.56
Channel: 283
Frequency: 104.5 MHz
AMSL Height: 142.0 m
Elevation: 40.4 m
Horiz. Pattern: Omni
Prop Model: None

WNXX Channel 283A Jackson, Louisiana



KVDU Channel 281C3 Gonzales, Louisiana
FCC Section 73.315 Supplemental Showing
City Grade Coverage of Gonzales

This Supplemental Showing is based upon the standards established in the FCC DA-10-1760 Skytower Communications decision. A Supplemental Showing using the Longley-Rice mean occurrence 70 dBu contour is used to show city coverage of Gonzales, LA. The contour was created using V-Soft Probe Version 4.122 Professional. The specific Longley-Rice software settings are listed on the coverage map in the upper left hand corner of the map.

A table is included showing the distances to the FCC 70 dBu contour and Longley-Rice mean occurrence 70 dBu contour for eighteen radials between 127 and 144 degrees azimuth that cross over Gonzales. The radials are clearly shown on a separate map included with this exhibit. The Supplemental Showing clearly establishes that the Longley-Rice 70 dBu median occurrence contours along the radials that cross the corporate boundaries of Gonzales are more than 10% greater than the FCC F(50,50) 70 dBu contours.

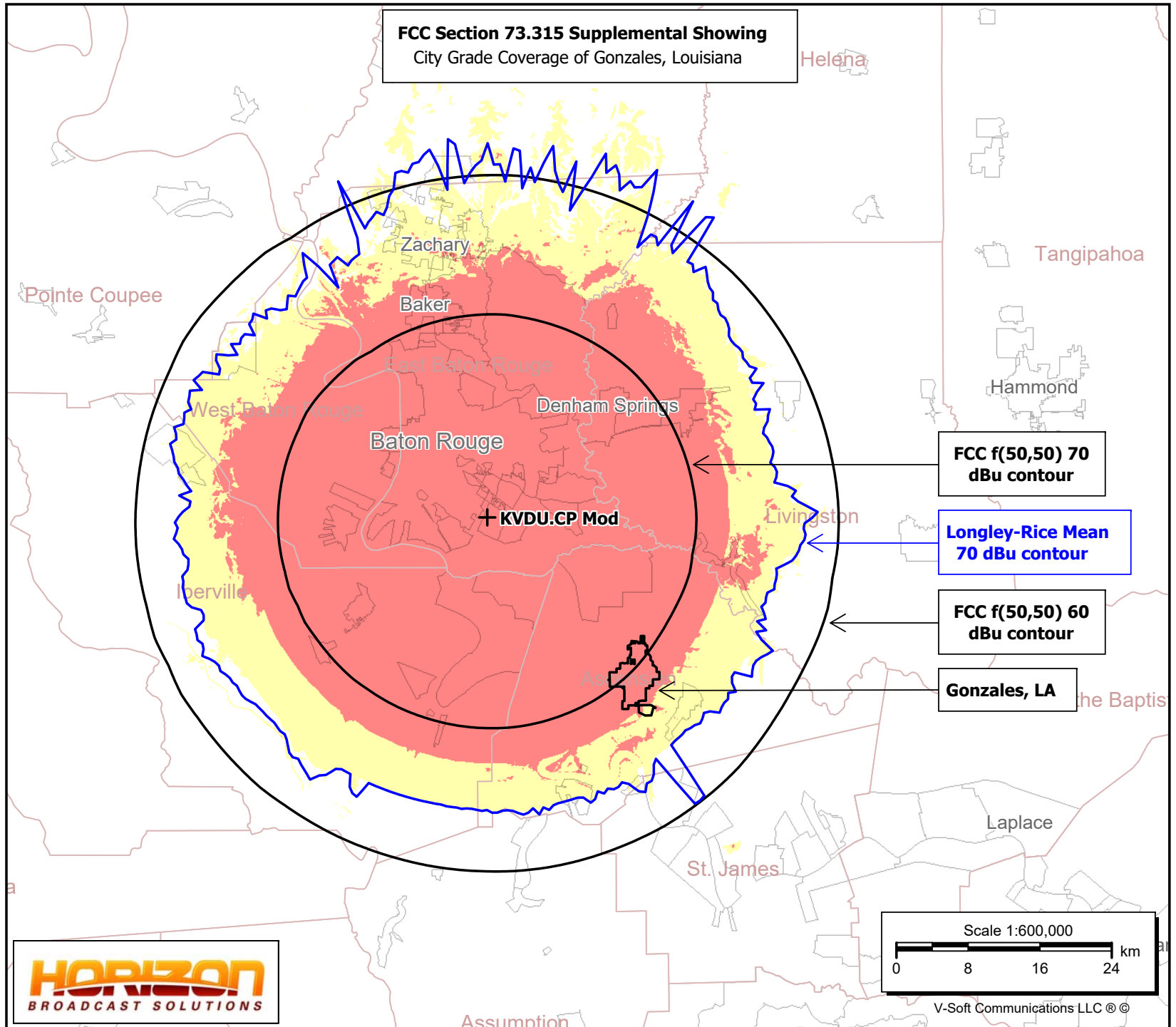
The attached map shows the FCC F(50,50) 60 dBu and 70 dBu contours as well as the Longley-Rice 70 dBu mean occurrence contour. 100 percent of Gonzales is contained in the FCC F(50,50) 60 dBu contour. The Longley-Rice mean occurrence 70 dBu occurrence contour reaches 100 percent of the area and population of Gonzales. The Longley-Rice 70 dBu signal shading shows that 100 percent of the area of Gonzales receives a 70 dBu or greater signal strength. The V-Soft Population Report shows that 98.54 percent of the population of Gonzales receives a Longley-Rice signal strength of 74 dBu or greater. Approximately 94.9 percent of the Gonzales total area receives a Longley-Rice signal strength of 74 dBu or greater. In an abundance of caution 4 dBu of Urban Clutter (70 dBu + 4 dBu) was included in the V-Soft population study.

Note the Gonzales, LA community boundary shown is from the 2020 Tiger Census data and the population data is also from the 2020 Census.

Therefore, it is believed that the proposed KVDU Channel 281C3 CP modification is in compliance with the Section 73.315 community coverage rules.

KVDU.CP Mod

Gonzales, LA
0000214602
Latitude: 30-22-25.90 N
Longitude: 091-05-44.20 W
ERP: 17.50 kW
HAAT: 118.74
Channel: 281
Frequency: 104.1 MHz
AMSL Height: 126.5 m
Elevation: 13.7 m
Horiz. Pattern: Omni
Prop Model: Longley-Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 9.1 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast
Cell Size: 0.1 km
Profile Increment: 0.1 km

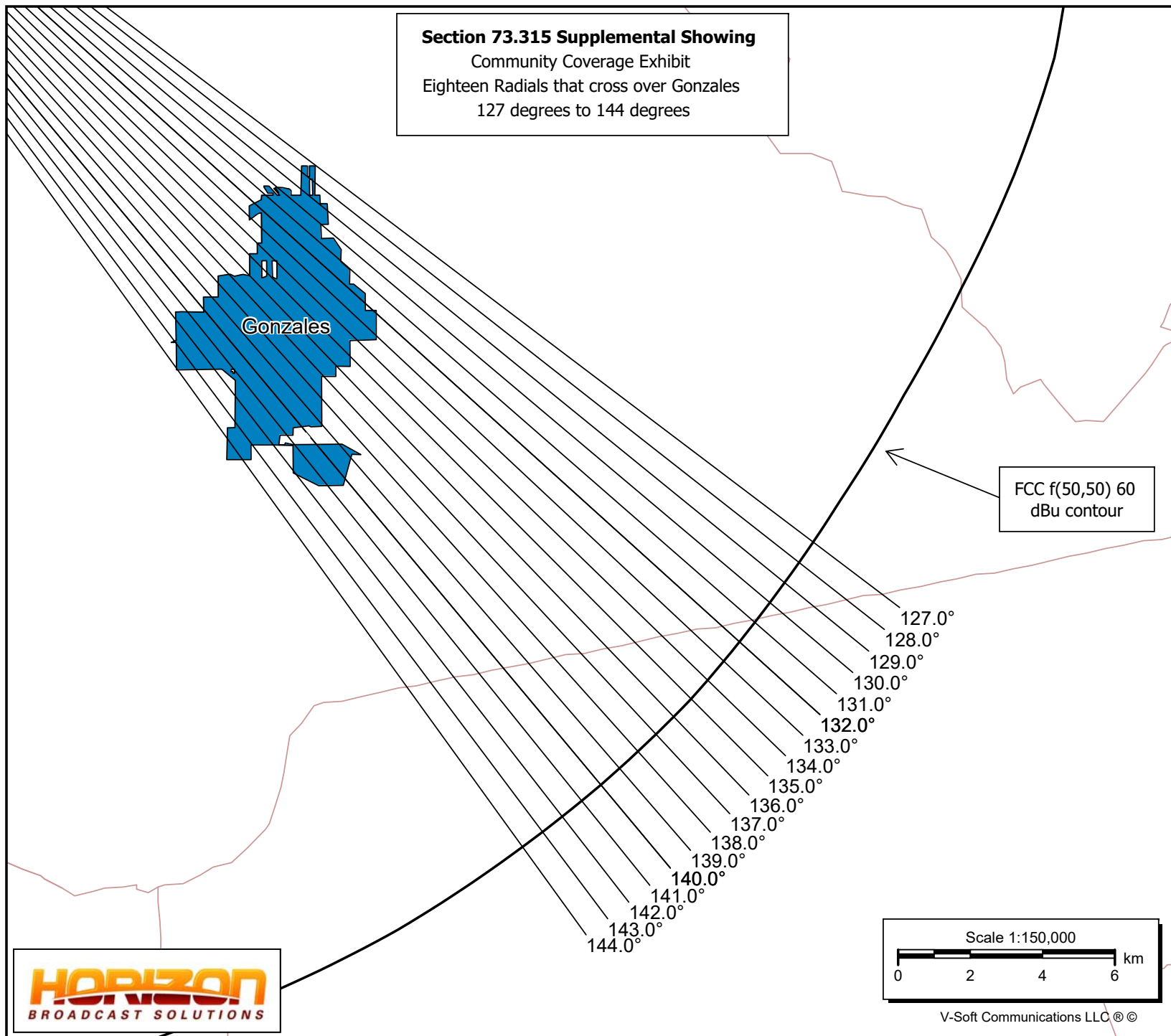
FCC Section 73.315 Supplemental Showing
City Grade Coverage of Gonzales, Louisiana

KVDU CP Mod

Gonzales, LA
Latitude: 30-22-25.90 N
Longitude: 091-05-44.20 W
ERP: 17.5 kW
HAAT: 118.74
Channel: 281
Frequency: 104.1 MHz
AMSL Height: 126.5 m
Elevation: 13.7 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: Longley-Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 9.1 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

Section 73.315 Supplemental Showing

Community Coverage Exhibit
Eighteen Radials that cross over Gonzales
127 degrees to 144 degrees



Section 73.315 Supplemental Coverage Showing
KVDU Channel 281C3 Gonzales, Louisiana
Comparison of FCC F(50,50) 70 dBu contour distance
vs.
Longley-Rice Mean 70 dBu Contour
(18 radials which cross Gonzales are shown)

Site:	KVDU Channel 281C3 Gonzales, LA				
Coordinates:	30-22-25.9 N. ~ 91-05-44.2 W.				
Freq:(MHz)	104.1				
ERP:(kW)	17.5				
HAAT:(m)	118.74				
Bearing (degrees)	ERP kW	HAAT (m)	FCC F(50,50) 70 dBu Distance (km)	Point-to-Point 70 dBu Contour Distance (km)	Percentage Increase
127	17.5	119	23.2	33.50	44.4%
128	17.5	119	23.2	33.40	44.0%
129	17.5	121	23.3	33.50	43.8%
130	17.5	121	23.3	33.70	44.6%
131	17.5	122	23.4	33.80	44.4%
132	17.5	122	23.4	32.50	38.9%
133	17.5	122	23.4	32.70	39.7%
134	17.5	122	23.4	32.90	40.6%
135	17.5	123	23.5	32.60	38.7%
136	17.5	123	23.5	32.50	38.3%
137	17.5	123	23.5	32.40	37.9%
138	17.5	123	23.5	32.40	37.9%
139	17.5	123	23.5	32.40	37.9%
140	17.5	123	23.5	32.40	37.9%
141	17.5	123	23.5	32.50	38.3%
142	17.5	123	23.5	39.25	67.0%
143	17.5	123	23.5	39.40	67.7%
144	17.5	123	23.5	39.40	67.7%
Avg.	17.5	122.1	23.42	33.96	45.0%

V-Soft Communications Population Report: Gonzales, LA

Gonzales area and population receiving 74 dBu or greater field strength

----- Transmitter Information:

Call Letters: KVDU.CP Mod
File Number: 0000214602
Latitude: 30-22-25.90 N
Longitude: 091-05-44.20 W
ERP: 17.50 kW
Channel: 281
Frequency: 104.1 MHz
AMSL Height: 126.5 m
Elevation: 13.7 m
HAAT: 118.74 m
Horiz. Antenna Pattern: Omni
Vert. Elevation Pattern: No
Propagation Model: Longley-Rice
Climate: Continental temperate
Conductivity: 0.0050
Dielectric Constant: 15.0
Refractivity: 311.0
Receiver Height AG: 9.1 m
Receiver Gain: 0 dB
Time Variability: 50.0%
Situation Variability: 50.0%
ITM Mode: Broadcast

Population Database: 2020 US Census (PL)

Primary Terrain: NED 3 Second US Terrain

Population report for field strength greater than 74.0 dBuV/m.

Gonzales, LA 2020 US Census population: 12,231 persons

Gonzales, LA 2020 US Census total area: 23.67 sq. km.

Total Population covered by KVDU.CP Mod: 12,052

Total Area covered by KVDU.CP Mod: 22.47 sq. km

Gonzales Population receiving greater than 74 dBuV/m = 98.54 percent

Gonzales Area receiving greater than 74 dBuV/m = 94.93 percent

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
FCC f(50,50) signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
10	84.5	84.52	84.55	84.6	84.63	84.67	84.69	84.7	84.72	84.74	84.74	84.75	84.75	84.76	84.76	84.77	84.77	84.76
10.1	84.32	84.34	84.37	84.42	84.45	84.49	84.51	84.52	84.54	84.56	84.57	84.57	84.58	84.58	84.58	84.59	84.59	84.59
10.2	84.14	84.16	84.19	84.24	84.28	84.32	84.33	84.34	84.36	84.38	84.39	84.4	84.4	84.4	84.4	84.41	84.41	84.41
10.3	83.97	83.99	84.02	84.07	84.1	84.14	84.16	84.17	84.19	84.21	84.21	84.22	84.22	84.23	84.23	84.24	84.24	84.23
10.4	83.79	83.81	83.84	83.89	83.93	83.97	83.98	83.99	84.01	84.03	84.04	84.05	84.05	84.05	84.06	84.06	84.06	84.06
10.5	83.62	83.64	83.67	83.72	83.76	83.8	83.81	83.82	83.84	83.86	83.87	83.88	83.88	83.88	83.88	83.89	83.89	83.89
10.6	83.45	83.47	83.5	83.55	83.59	83.62	83.64	83.65	83.67	83.69	83.7	83.71	83.71	83.71	83.71	83.72	83.72	83.72
10.7	83.28	83.3	83.33	83.38	83.42	83.46	83.47	83.48	83.5	83.52	83.53	83.54	83.54	83.54	83.54	83.55	83.55	83.55
10.8	83.11	83.13	83.16	83.21	83.25	83.29	83.3	83.31	83.33	83.35	83.36	83.37	83.37	83.37	83.38	83.38	83.38	83.38
10.9	82.95	82.97	82.99	83.05	83.08	83.12	83.14	83.14	83.17	83.19	83.19	83.2	83.2	83.21	83.21	83.22	83.22	83.21
11	82.78	82.8	82.83	82.88	82.92	82.96	82.97	82.98	83	83.02	83.03	83.04	83.04	83.04	83.04	83.05	83.05	83.05
11.1	82.62	82.64	82.67	82.72	82.75	82.79	82.81	82.82	82.84	82.86	82.87	82.87	82.87	82.88	82.88	82.89	82.89	82.89
11.2	82.46	82.48	82.5	82.56	82.59	82.63	82.65	82.65	82.67	82.7	82.7	82.71	82.71	82.71	82.72	82.73	82.73	82.72
11.3	82.3	82.31	82.34	82.4	82.43	82.47	82.49	82.49	82.51	82.54	82.54	82.55	82.55	82.55	82.56	82.57	82.56	82.56
11.4	82.14	82.16	82.18	82.24	82.27	82.31	82.33	82.33	82.35	82.38	82.38	82.39	82.39	82.39	82.4	82.41	82.41	82.4
11.5	81.98	82	82.03	82.08	82.11	82.15	82.17	82.18	82.2	82.22	82.23	82.24	82.24	82.24	82.24	82.25	82.25	82.25
11.6	81.82	81.84	81.87	81.93	81.96	82	82.01	82.02	82.04	82.06	82.07	82.08	82.08	82.08	82.08	82.09	82.09	82.09
11.7	81.67	81.69	81.71	81.77	81.8	81.84	81.86	81.87	81.89	81.91	81.91	81.92	81.92	81.93	81.93	81.94	81.94	81.93
11.8	81.51	81.53	81.56	81.62	81.65	81.69	81.71	81.71	81.73	81.75	81.76	81.77	81.77	81.77	81.78	81.79	81.78	81.78
11.9	81.36	81.38	81.41	81.47	81.5	81.54	81.55	81.56	81.58	81.6	81.61	81.62	81.62	81.62	81.62	81.63	81.63	81.63
12	81.21	81.23	81.26	81.32	81.35	81.39	81.4	81.41	81.43	81.45	81.46	81.47	81.47	81.47	81.47	81.48	81.48	81.48
12.1	81.06	81.08	81.11	81.17	81.2	81.24	81.25	81.26	81.28	81.3	81.31	81.32	81.32	81.32	81.32	81.33	81.33	81.33
12.2	80.91	80.93	80.96	81.02	81.05	81.09	81.11	81.11	81.13	81.16	81.16	81.17	81.17	81.17	81.18	81.19	81.18	81.18
12.3	80.77	80.79	80.82	80.87	80.9	80.94	80.96	80.97	80.99	81.01	81.02	81.03	81.03	81.03	81.03	81.04	81.04	81.04
12.4	80.62	80.64	80.67	80.73	80.76	80.8	80.82	80.82	80.84	80.86	80.87	80.88	80.88	80.88	80.89	80.89	80.89	80.89
12.5	80.48	80.5	80.53	80.58	80.62	80.66	80.67	80.68	80.7	80.72	80.73	80.74	80.74	80.74	80.74	80.75	80.75	80.75
12.6	80.34	80.36	80.39	80.44	80.47	80.51	80.53	80.54	80.56	80.58	80.59	80.6	80.6	80.6	80.6	80.61	80.61	80.61
12.7	80.2	80.22	80.25	80.3	80.33	80.37	80.39	80.4	80.42	80.44	80.44	80.45	80.45	80.46	80.46	80.47	80.47	80.46
12.8	80.06	80.08	80.11	80.16	80.2	80.24	80.25	80.26	80.28	80.3	80.31	80.32	80.32	80.32	80.32	80.33	80.33	80.33
12.9	79.92	79.94	79.97	80.02	80.06	80.1	80.11	80.12	80.14	80.16	80.17	80.18	80.18	80.18	80.18	80.19	80.19	80.19
13	79.79	79.81	79.83	79.89	79.92	79.96	79.98	79.98	80	80.03	80.03	80.04	80.04	80.04	80.05	80.06	80.05	80.05
13.1	79.65	79.67	79.7	79.75	79.79	79.83	79.84	79.85	79.87	79.89	79.9	79.91	79.91	79.91	79.91	79.92	79.92	79.92
13.2	79.52	79.54	79.57	79.62	79.65	79.69	79.71	79.71	79.74	79.76	79.76	79.77	79.77	79.78	79.78	79.79	79.79	79.78
13.3	79.39	79.41	79.43	79.49	79.52	79.56	79.58	79.58	79.6	79.63	79.63	79.64	79.64	79.64	79.65	79.66	79.65	79.65
13.4	79.26	79.28	79.3	79.36	79.39	79.43	79.45	79.45	79.47	79.5	79.5	79.51	79.51	79.51	79.52	79.53	79.52	79.52
13.5	79.13	79.15	79.17	79.23	79.26	79.3	79.32	79.32	79.34	79.37	79.37	79.38	79.38	79.38	79.39	79.4	79.39	79.39
13.6	79	79.02	79.05	79.1	79.13	79.17	79.19	79.2	79.22	79.24	79.24	79.25	79.25	79.26	79.26	79.27	79.27	79.26

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
FCC f(50,50) signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
13.7	78.87	78.89	78.92	78.98	79.01	79.05	79.06	79.07	79.09	79.11	79.12	79.13	79.13	79.13	79.13	79.14	79.14	79.14
13.8	78.75	78.77	78.8	78.85	78.88	78.92	78.94	78.94	78.97	78.99	78.99	79	79	79.01	79.01	79.02	79.02	79.01
13.9	78.62	78.64	78.67	78.73	78.76	78.8	78.82	78.82	78.84	78.86	78.87	78.88	78.88	78.88	78.89	78.89	78.89	78.89
14	78.5	78.52	78.55	78.61	78.64	78.68	78.69	78.7	78.72	78.74	78.75	78.76	78.76	78.76	78.76	78.77	78.77	78.77
14.1	78.38	78.4	78.43	78.49	78.52	78.56	78.57	78.58	78.6	78.62	78.63	78.64	78.64	78.64	78.64	78.65	78.65	78.65
14.2	78.26	78.28	78.31	78.37	78.4	78.44	78.45	78.46	78.48	78.5	78.51	78.52	78.52	78.52	78.52	78.53	78.53	78.53
14.3	78.15	78.17	78.19	78.25	78.28	78.32	78.34	78.34	78.36	78.38	78.39	78.4	78.4	78.4	78.41	78.41	78.41	78.41
14.4	78.03	78.05	78.08	78.13	78.17	78.2	78.22	78.23	78.25	78.27	78.27	78.28	78.28	78.29	78.29	78.3	78.3	78.29
14.5	77.92	77.93	77.96	78.02	78.05	78.09	78.1	78.11	78.13	78.15	78.16	78.17	78.17	78.17	78.17	78.18	78.18	78.18
14.6	77.8	77.82	77.85	77.9	77.94	77.98	77.99	78	78.02	78.04	78.05	78.06	78.06	78.06	78.06	78.07	78.07	78.07
14.7	77.69	77.71	77.74	77.79	77.82	77.86	77.88	77.88	77.91	77.93	77.93	77.94	77.94	77.95	77.95	77.96	77.96	77.95
14.8	77.58	77.6	77.63	77.68	77.71	77.75	77.77	77.77	77.8	77.82	77.82	77.83	77.83	77.83	77.84	77.85	77.84	77.84
14.9	77.47	77.49	77.52	77.57	77.6	77.64	77.66	77.67	77.69	77.71	77.71	77.72	77.72	77.73	77.73	77.74	77.74	77.73
15	77.36	77.38	77.41	77.46	77.5	77.54	77.55	77.56	77.58	77.6	77.61	77.62	77.61	77.62	77.62	77.63	77.63	77.63
15.1	77.26	77.27	77.3	77.36	77.39	77.43	77.44	77.45	77.47	77.49	77.5	77.51	77.51	77.51	77.51	77.52	77.52	77.52
15.2	77.15	77.17	77.2	77.25	77.29	77.32	77.34	77.35	77.37	77.39	77.39	77.4	77.4	77.41	77.41	77.42	77.42	77.41
15.3	77.05	77.07	77.09	77.15	77.18	77.22	77.24	77.24	77.26	77.28	77.29	77.3	77.3	77.3	77.3	77.31	77.31	77.31
15.4	76.94	76.96	76.99	77.05	77.08	77.12	77.13	77.14	77.16	77.18	77.19	77.2	77.2	77.2	77.2	77.21	77.21	77.21
15.5	76.84	76.86	76.89	76.95	76.98	77.02	77.03	77.04	77.06	77.08	77.09	77.1	77.1	77.1	77.1	77.11	77.11	77.11
15.6	76.74	76.76	76.79	76.85	76.88	76.92	76.93	76.94	76.96	76.98	76.99	77	77	77	77	77.01	77.01	77.01
15.7	76.65	76.67	76.69	76.75	76.78	76.82	76.84	76.84	76.86	76.88	76.89	76.9	76.9	76.9	76.9	76.91	76.91	76.91
15.8	76.55	76.57	76.6	76.65	76.68	76.72	76.74	76.74	76.76	76.79	76.79	76.8	76.8	76.8	76.81	76.82	76.81	76.81
15.9	76.45	76.47	76.5	76.56	76.59	76.63	76.64	76.65	76.67	76.69	76.7	76.71	76.71	76.71	76.71	76.72	76.72	76.72
16	76.36	76.38	76.41	76.46	76.49	76.53	76.55	76.55	76.58	76.6	76.6	76.61	76.61	76.61	76.62	76.63	76.63	76.62
16.1	76.27	76.29	76.31	76.37	76.4	76.44	76.46	76.46	76.48	76.5	76.51	76.52	76.52	76.52	76.53	76.53	76.53	76.53
16.2	76.17	76.2	76.22	76.28	76.31	76.35	76.36	76.37	76.39	76.41	76.42	76.43	76.43	76.43	76.43	76.44	76.44	76.44
16.3	76.08	76.1	76.13	76.19	76.22	76.26	76.27	76.28	76.3	76.32	76.33	76.34	76.34	76.34	76.34	76.35	76.35	76.35
16.4	75.99	76.01	76.04	76.09	76.13	76.17	76.18	76.19	76.21	76.23	76.24	76.24	76.24	76.25	76.25	76.26	76.26	76.25
16.5	75.9	75.92	75.95	76	76.03	76.07	76.09	76.09	76.12	76.14	76.14	76.15	76.15	76.15	76.16	76.17	76.17	76.16
16.6	75.81	75.83	75.86	75.91	75.94	75.98	76	76	76.02	76.05	76.05	76.06	76.06	76.06	76.07	76.08	76.07	76.07
16.7	75.72	75.74	75.76	75.82	75.85	75.89	75.91	75.91	75.93	75.95	75.96	75.97	75.97	75.97	75.97	75.98	75.98	75.98
16.8	75.63	75.65	75.67	75.73	75.76	75.8	75.81	75.82	75.84	75.86	75.87	75.88	75.88	75.88	75.88	75.89	75.89	75.89
16.9	75.53	75.55	75.58	75.64	75.67	75.71	75.72	75.73	75.75	75.77	75.78	75.79	75.79	75.79	75.79	75.8	75.8	75.8
17	75.44	75.46	75.49	75.55	75.58	75.62	75.63	75.64	75.66	75.68	75.69	75.7	75.7	75.7	75.7	75.71	75.71	75.71
17.1	75.35	75.37	75.4	75.45	75.49	75.52	75.54	75.55	75.57	75.59	75.59	75.6	75.6	75.61	75.61	75.62	75.62	75.61
17.2	75.26	75.28	75.31	75.36	75.4	75.43	75.45	75.46	75.48	75.5	75.5	75.51	75.51	75.51	75.52	75.53	75.53	75.52
17.3	75.17	75.19	75.22	75.27	75.3	75.34	75.36	75.36	75.38	75.41	75.41	75.42	75.42	75.42	75.43	75.44	75.43	75.43

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
FCC f(50,50) signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
17.4	75.08	75.1	75.13	75.18	75.21	75.25	75.27	75.27	75.29	75.32	75.32	75.33	75.33	75.33	75.34	75.35	75.34	75.34
17.5	74.99	75.01	75.04	75.09	75.12	75.16	75.18	75.18	75.2	75.22	75.23	75.24	75.24	75.24	75.25	75.25	75.25	75.25
17.6	74.9	74.92	74.94	75	75.03	75.07	75.09	75.09	75.11	75.13	75.14	75.15	75.15	75.15	75.15	75.16	75.16	75.16
17.7	74.81	74.83	74.85	74.91	74.94	74.98	75	75	75.02	75.04	75.05	75.06	75.06	75.06	75.06	75.07	75.07	75.07
17.8	74.72	74.74	74.76	74.82	74.85	74.89	74.91	74.91	74.93	74.95	74.96	74.97	74.97	74.97	74.97	74.98	74.98	74.98
17.9	74.63	74.65	74.67	74.73	74.76	74.8	74.81	74.82	74.84	74.86	74.87	74.88	74.88	74.88	74.88	74.89	74.89	74.89
18	74.54	74.56	74.58	74.64	74.67	74.71	74.72	74.73	74.75	74.77	74.78	74.79	74.79	74.79	74.79	74.8	74.8	74.8
18.1	74.45	74.47	74.49	74.55	74.58	74.62	74.63	74.64	74.66	74.68	74.69	74.7	74.7	74.7	74.7	74.71	74.71	74.71
18.2	74.35	74.38	74.4	74.46	74.49	74.53	74.54	74.55	74.57	74.59	74.6	74.61	74.61	74.61	74.61	74.62	74.62	74.62
18.3	74.27	74.29	74.31	74.37	74.4	74.44	74.45	74.46	74.48	74.5	74.51	74.52	74.52	74.52	74.52	74.53	74.53	74.53
18.4	74.18	74.2	74.22	74.28	74.31	74.35	74.36	74.37	74.39	74.41	74.42	74.43	74.43	74.43	74.43	74.44	74.44	74.44
18.5	74.09	74.11	74.13	74.19	74.22	74.26	74.27	74.28	74.3	74.32	74.33	74.34	74.34	74.34	74.34	74.35	74.35	74.35
18.6	74	74.02	74.04	74.1	74.13	74.17	74.18	74.19	74.21	74.23	74.24	74.25	74.25	74.25	74.25	74.26	74.26	74.26
18.7	73.91	73.93	73.95	74.01	74.04	74.08	74.1	74.1	74.12	74.14	74.15	74.16	74.16	74.16	74.16	74.17	74.17	74.17
18.8	73.82	73.84	73.86	73.92	73.95	73.99	74.01	74.01	74.03	74.05	74.06	74.07	74.07	74.07	74.07	74.08	74.08	74.08
18.9	73.73	73.75	73.77	73.83	73.86	73.9	73.92	73.92	73.94	73.96	73.97	73.98	73.98	73.98	73.98	73.99	73.99	73.99
19	73.64	73.66	73.68	73.74	73.77	73.81	73.83	73.83	73.85	73.88	73.88	73.89	73.89	73.89	73.9	73.9	73.9	73.9
19.1	73.55	73.57	73.6	73.65	73.68	73.72	73.74	73.74	73.76	73.79	73.79	73.8	73.8	73.8	73.81	73.82	73.81	73.81
19.2	73.46	73.48	73.51	73.56	73.6	73.63	73.65	73.65	73.68	73.7	73.7	73.71	73.71	73.71	73.72	73.73	73.72	73.72
19.3	73.37	73.39	73.42	73.48	73.51	73.55	73.56	73.57	73.59	73.61	73.61	73.62	73.62	73.63	73.63	73.64	73.64	73.63
19.4	73.28	73.3	73.33	73.39	73.42	73.46	73.47	73.48	73.5	73.52	73.53	73.54	73.53	73.54	73.54	73.55	73.55	73.54
19.5	73.2	73.22	73.24	73.3	73.33	73.37	73.38	73.39	73.41	73.43	73.44	73.45	73.45	73.45	73.45	73.46	73.46	73.46
19.6	73.11	73.13	73.15	73.21	73.24	73.28	73.3	73.3	73.32	73.34	73.35	73.36	73.36	73.36	73.36	73.37	73.37	73.37
19.7	73.02	73.04	73.07	73.12	73.15	73.19	73.21	73.21	73.23	73.26	73.26	73.27	73.27	73.27	73.28	73.28	73.28	73.28
19.8	72.93	72.95	72.98	73.03	73.07	73.1	73.12	73.12	73.15	73.17	73.17	73.18	73.18	73.18	73.19	73.2	73.19	73.19
19.9	72.84	72.86	72.89	72.95	72.98	73.02	73.03	73.04	73.06	73.08	73.08	73.09	73.09	73.1	73.1	73.11	73.11	73.1
20	72.76	72.78	72.8	72.86	72.89	72.93	72.94	72.95	72.97	72.99	73	73.01	73.01	73.01	73.01	73.02	73.02	73.02
20.1	72.67	72.69	72.71	72.77	72.8	72.84	72.86	72.86	72.88	72.9	72.91	72.92	72.92	72.92	72.92	72.93	72.93	72.93
20.2	72.58	72.6	72.63	72.68	72.71	72.75	72.77	72.77	72.79	72.82	72.82	72.83	72.83	72.83	72.84	72.85	72.84	72.84
20.3	72.49	72.51	72.54	72.6	72.63	72.67	72.68	72.69	72.71	72.73	72.73	72.74	72.74	72.75	72.75	72.76	72.76	72.75
20.4	72.41	72.43	72.45	72.51	72.54	72.58	72.59	72.6	72.62	72.64	72.65	72.66	72.66	72.66	72.66	72.67	72.67	72.67
20.5	72.32	72.34	72.37	72.42	72.45	72.49	72.51	72.51	72.53	72.56	72.56	72.57	72.57	72.57	72.57	72.58	72.58	72.58
20.6	72.23	72.25	72.28	72.33	72.37	72.4	72.42	72.43	72.45	72.47	72.47	72.48	72.48	72.48	72.49	72.5	72.49	72.49
20.7	72.15	72.17	72.19	72.25	72.28	72.32	72.33	72.34	72.36	72.38	72.39	72.4	72.4	72.4	72.4	72.41	72.41	72.41
20.8	72.06	72.08	72.11	72.16	72.19	72.23	72.25	72.25	72.27	72.29	72.3	72.31	72.31	72.31	72.31	72.32	72.32	72.32
20.9	71.97	71.99	72.02	72.08	72.11	72.15	72.16	72.17	72.19	72.21	72.21	72.22	72.22	72.22	72.23	72.24	72.24	72.23
21	71.89	71.91	71.93	71.99	72.02	72.06	72.07	72.08	72.1	72.12	72.13	72.14	72.14	72.14	72.14	72.15	72.15	72.15

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
FCC f(50,50) signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
21.1	71.8	71.82	71.85	71.9	71.93	71.97	71.99	71.99	72.01	72.04	72.04	72.05	72.05	72.05	72.06	72.06	72.06	72.06
21.2	71.72	71.74	71.76	71.82	71.85	71.89	71.9	71.91	71.93	71.95	71.96	71.97	71.96	71.97	71.97	71.98	71.98	71.97
21.3	71.63	71.65	71.68	71.73	71.76	71.8	71.82	71.82	71.84	71.86	71.87	71.88	71.88	71.88	71.88	71.89	71.89	71.89
21.4	71.54	71.56	71.59	71.65	71.68	71.72	71.73	71.74	71.76	71.78	71.78	71.79	71.79	71.8	71.8	71.81	71.81	71.8
21.5	71.46	71.48	71.51	71.56	71.59	71.63	71.65	71.65	71.67	71.69	71.7	71.71	71.71	71.71	71.71	71.72	71.72	71.72
21.6	71.37	71.39	71.42	71.48	71.51	71.55	71.56	71.57	71.59	71.61	71.61	71.62	71.62	71.63	71.63	71.64	71.64	71.63
21.7	71.29	71.31	71.34	71.39	71.42	71.46	71.48	71.48	71.5	71.52	71.53	71.54	71.54	71.54	71.54	71.55	71.55	71.55
21.8	71.21	71.22	71.25	71.31	71.34	71.38	71.39	71.4	71.42	71.44	71.44	71.45	71.45	71.46	71.46	71.47	71.47	71.46
21.9	71.12	71.14	71.17	71.22	71.25	71.29	71.31	71.31	71.33	71.35	71.36	71.37	71.37	71.37	71.37	71.38	71.38	71.38
22	71.04	71.06	71.08	71.14	71.17	71.21	71.22	71.23	71.25	71.27	71.28	71.28	71.28	71.29	71.29	71.3	71.3	71.29
22.1	70.95	70.97	71	71.05	71.08	71.12	71.14	71.14	71.16	71.19	71.19	71.2	71.2	71.2	71.21	71.21	71.21	71.21
22.2	70.87	70.89	70.91	70.97	71	71.04	71.05	71.06	71.08	71.1	71.11	71.12	71.12	71.12	71.12	71.13	71.13	71.13
22.3	70.78	70.8	70.83	70.89	70.92	70.96	70.97	70.98	71	71.02	71.02	71.03	71.03	71.03	71.04	71.05	71.04	71.04
22.4	70.7	70.72	70.75	70.8	70.83	70.87	70.89	70.89	70.91	70.93	70.94	70.95	70.95	70.95	70.95	70.96	70.96	70.96
22.5	70.62	70.64	70.66	70.72	70.75	70.79	70.8	70.81	70.83	70.85	70.86	70.87	70.86	70.87	70.87	70.88	70.88	70.87
22.6	70.53	70.55	70.58	70.64	70.67	70.71	70.72	70.72	70.75	70.77	70.77	70.78	70.78	70.78	70.79	70.8	70.79	70.79
22.7	70.45	70.47	70.5	70.55	70.58	70.62	70.64	70.64	70.66	70.68	70.69	70.7	70.7	70.7	70.7	70.71	70.71	70.71
22.8	70.37	70.39	70.41	70.47	70.5	70.54	70.55	70.56	70.58	70.6	70.61	70.62	70.62	70.62	70.62	70.63	70.63	70.63
22.9	70.29	70.31	70.33	70.39	70.42	70.46	70.47	70.48	70.5	70.52	70.52	70.53	70.53	70.53	70.54	70.55	70.55	70.54
23	70.2	70.22	70.25	70.3	70.34	70.37	70.39	70.39	70.41	70.44	70.44	70.45	70.45	70.45	70.46	70.46	70.46	70.46
23.1	70.12	70.14	70.17	70.22	70.25	70.29	70.31	70.31	70.33	70.35	70.36	70.37	70.37	70.37	70.37	70.38	70.38	70.38
23.2	70.04	70.06	70.09	70.14	70.17	70.21	70.22	70.23	70.25	70.27	70.28	70.29	70.29	70.29	70.29	70.3	70.3	70.3
23.3	69.96	69.98	70	70.06	70.09	70.13	70.14	70.15	70.17	70.19	70.2	70.2	70.2	70.21	70.21	70.22	70.22	70.21
23.4	69.88	69.9	69.92	69.98	70.01	70.05	70.06	70.07	70.09	70.11	70.11	70.12	70.12	70.12	70.13	70.14	70.13	70.13
23.5	69.8	69.81	69.84	69.9	69.93	69.96	69.98	69.98	70.01	70.03	70.03	70.04	70.04	70.04	70.05	70.06	70.05	70.05
23.6	69.71	69.73	69.76	69.82	69.85	69.88	69.9	69.9	69.92	69.95	69.95	69.96	69.96	69.96	69.97	69.97	69.97	69.97
23.7	69.63	69.65	69.68	69.73	69.76	69.8	69.82	69.82	69.84	69.86	69.87	69.88	69.88	69.88	69.88	69.89	69.89	69.89
23.8	69.55	69.57	69.6	69.65	69.68	69.72	69.74	69.74	69.76	69.78	69.79	69.8	69.8	69.8	69.8	69.81	69.81	69.81
23.9	69.47	69.49	69.52	69.57	69.6	69.64	69.66	69.66	69.68	69.7	69.71	69.72	69.72	69.72	69.72	69.73	69.73	69.73
24	69.39	69.41	69.44	69.49	69.52	69.56	69.58	69.58	69.6	69.62	69.63	69.64	69.64	69.64	69.64	69.65	69.65	69.65
24.1	69.31	69.33	69.36	69.41	69.44	69.48	69.5	69.5	69.52	69.54	69.55	69.56	69.56	69.56	69.56	69.57	69.57	69.57
24.2	69.23	69.25	69.28	69.33	69.36	69.4	69.42	69.42	69.44	69.46	69.47	69.48	69.48	69.48	69.48	69.49	69.49	69.49
24.3	69.15	69.17	69.2	69.25	69.28	69.32	69.34	69.34	69.36	69.38	69.39	69.4	69.4	69.4	69.4	69.41	69.41	69.41
24.4	69.07	69.09	69.12	69.17	69.2	69.24	69.26	69.26	69.28	69.3	69.31	69.32	69.32	69.32	69.32	69.33	69.33	69.33
24.5	68.99	69.01	69.04	69.09	69.13	69.16	69.18	69.18	69.2	69.23	69.23	69.24	69.24	69.24	69.24	69.25	69.25	69.25
24.6	68.92	68.93	68.96	69.02	69.05	69.08	69.1	69.1	69.12	69.15	69.15	69.16	69.16	69.16	69.17	69.17	69.17	69.17
24.7	68.84	68.86	68.88	68.94	68.97	69.01	69.02	69.03	69.05	69.07	69.07	69.08	69.08	69.08	69.09	69.1	69.09	69.09

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
 FCC f(50,50) signal strength table
 (18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
24.8	68.76	68.78	68.8	68.86	68.89	68.93	68.94	68.95	68.97	68.99	68.99	69	69	69.01	69.01	69.02	69.02	69.01
24.9	68.68	68.7	68.73	68.78	68.81	68.85	68.86	68.87	68.89	68.91	68.92	68.93	68.93	68.93	68.93	68.94	68.94	68.93

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
15	87.13	88	88.16	88.76	87.84	88.47	89.05	89.29	89.53	89.87	90.42	90.41	90.38	90.31	89.92	88.91	89.09	89.1
15.1	87.01	87.88	88.02	88.56	87.27	88.32	89.05	89.08	89.34	89.65	90.23	90.22	90.19	90.12	89.41	88.95	89.15	89.39
15.2	86.88	87.74	87.87	87.99	86.87	88.37	89.34	89.16	89.17	89.9	90.05	89.68	89.98	89.66	89.2	88.52	88.75	89.24
15.3	86.76	87.6	87.75	88.03	86.15	88.18	89.15	89.33	89.38	89.85	89.87	89.48	89.83	89.16	89.04	88.66	88.79	89.08
15.4	86.65	87.48	87.6	87.73	86.38	87.88	88.71	89.21	89.45	89.68	89.69	89.31	89.65	88.98	88.84	87.92	88.52	88.91
15.5	86.51	87.34	87.45	87.26	86.02	87.67	88.26	88.89	89.29	89.51	89.51	89.34	89.47	88.8	88.13	87.43	88.24	88.73
15.6	86.41	87.21	87.34	86.95	85.51	87.46	88.08	88.3	89.14	89.35	89.34	89.35	89.29	88.21	87.74	87.33	87.76	88.09
15.7	86.29	87.08	87.2	86.73	85.62	87.38	87.94	88.41	88.97	89.18	89.16	88.74	88.66	87.56	88.05	87.31	87.21	87.57
15.8	86.17	86.94	87.06	86.73	86.04	87.22	87.83	88.59	88.8	89.01	88.99	88.39	88.32	87.54	88.26	87.89	86.6	87.74
15.9	86.06	86.81	86.94	86.75	86.59	86.82	88.15	88.44	88.65	88.84	88.82	88.23	88.02	88.2	88.1	88.01	86.92	87.55
16	85.93	86.64	86.73	86.76	87.34	86.55	88.15	88.27	88.46	88.66	88.65	88.06	87.99	88.04	87.95	87.81	86.74	86.7
16.1	85.81	85.97	86.33	86.56	86.62	85.94	87.98	88.09	88.29	88.47	88.46	87.88	87.81	87.86	87.76	87.64	86.75	86.72
16.2	85.71	85.71	85.79	86.44	86.42	85.39	87.82	87.94	88.13	88.31	87.98	87.73	87.65	87.71	87.6	87.49	86.58	87.69
16.3	85.57	85.61	85.65	86.31	86.29	85.36	87.66	87.78	87.96	88.14	87.8	87.58	87.5	87.56	87.45	87.32	86.2	87.48
16.4	85.46	85.88	85.52	86.18	86.15	85.79	87.11	87.56	87.8	87.97	87.36	87.42	87.35	87.41	87.29	87.13	85.86	86.68
16.5	85.35	85.99	85.41	86.06	86.03	85.79	86.65	87.25	87.65	87.82	87.5	87.27	87.19	87.25	87.14	86.88	86.61	86.81
16.6	85.23	85.99	85.65	85.94	85.9	86	85.7	86.79	87.48	87.66	87.67	87.12	87.04	87.09	86.98	86.14	86.94	87.06
16.7	85.12	85.85	85.85	85.96	85.77	86.15	84.43	86.47	87.13	87.5	87.1	86.97	86.9	86.94	86.83	86.38	86.84	86.95
16.8	85.01	85.33	85.85	86.21	85.64	86.02	85.12	86.33	87.18	87.34	86.74	86.82	86.75	86.79	86.12	86.17	86.67	86.8
16.9	84.89	84.95	85.73	86.28	85.52	85.88	86.04	84.83	87.03	87.19	86.55	86.66	86.6	86.65	86.01	86.01	86.52	86.65
17	84.78	84.78	85.33	85.61	85.39	85.75	86.05	84.43	86.88	86.76	86.4	86.52	86.45	86.47	85.96	85.67	86.37	86.41
17.1	84.66	84.77	84.88	85.27	85.26	85.61	85.92	84.07	86.48	86.19	86.25	86.37	86.27	86.07	85.82	85.27	86.07	86.28
17.2	84.55	84.86	84.57	85.16	85.14	85.48	86.08	85.09	85.8	86.04	86.11	86.21	85.92	85.93	85.39	85.05	85.51	86.07
17.3	84.44	84.82	84.46	85.04	85.02	85.35	86.31	85.05	84.99	85.89	85.96	86.07	85.38	85.32	85.25	84.85	85.68	85.36
17.4	84.34	85.04	84.34	84.91	84.89	85.21	85.58	85.7	84.43	85.76	85.82	85.92	85.12	85.17	84.96	84.94	85.04	85.16
17.5	84.21	84.96	84.25	84.79	84.77	85.09	85.34	85.34	83.93	85.61	85.68	85.78	84.99	84.95	84.27	84.9	84.89	85.02
17.6	84.07	84.74	84.14	84.68	84.65	84.96	85.2	85.28	84.37	85.47	85.06	85.6	84.85	84.35	84.03	84.53	84.77	85.12
17.7	83.3	84.38	84.19	84.55	84.53	84.83	85.07	84.86	85.1	85.12	84.64	84.83	84.7	83.96	83.92	84.11	84.63	84.67
17.8	83.02	83.86	84.05	84.43	84.4	84.7	84.47	84.34	85.02	84.41	84.45	84.6	83.87	83.84	83.81	84.15	84.51	84.18
17.9	82.93	83.75	83.81	84.32	84.29	84.57	84.2	83.48	84.75	84.29	83.95	84.46	83.65	83.73	83.69	84.4	84.28	84.22
18	82.84	83.83	83.7	83.8	84.16	84.44	84.02	82.98	84.25	84.16	83.41	83.76	83.54	83.61	83.59	83.81	83.39	83.69
18.1	82.76	84.01	83.6	83.51	84.04	84.31	84.29	82.54	84.22	83.71	83.29	83.37	83.43	83.51	83.48	83.3	83.48	84.46
18.2	82.67	83.92	83.49	82.91	83.93	84.19	84.04	82.35	83.66	83.2	83.19	83.26	83.32	83.4	83.37	83.2	84.19	84.2
18.3	82.57	83.58	83.38	82.34	83.77	84.07	83.06	82.07	83.44	83.01	83.09	83.15	83.21	83.29	83.47	83.18	84.2	84.55
18.4	82.49	83.4	83.39	82.05	83.69	83.94	82.76	81.94	83.6	82.89	82.98	83.05	83.11	83.65	84	83.63	84.04	84.66
18.5	82.4	83.17	83.35	82.08	83.57	83.82	83	82.02	83.55	82.52	82.88	82.95	83	83.91	83.89	83.74	83.96	84.53
18.6	82.31	82.92	83.13	82.15	83.46	83.55	83.02	81.84	83.41	82.43	82.78	82.84	82.9	83.52	83.76	83.59	84.12	84.28

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
18.7	82.22	82.84	83.04	82.35	83.34	82.82	82.63	81.82	83.26	82.73	82.61	82.74	82.79	83.02	83	82.98	83.37	83.59
18.8	82.13	82.72	82.89	82.57	83.22	82.59	82.11	82.06	82.99	82.6	82.39	82.63	82.68	82.98	83.19	82.5	82.38	83.34
18.9	82.05	82.62	82.33	82.32	83.11	82.78	82.01	81.45	82.91	81.93	82.5	82.53	82.58	83.45	83.48	82.88	82.51	83.26
19	81.95	82.54	81.77	82.2	82.99	83.2	81.88	82.18	81.89	81.55	82.9	82.42	82.94	83.33	84.63	83.17	83	83.32
19.1	81.87	82.42	81.41	81.63	82.88	83.01	82.02	82.75	81.42	81.76	83.1	82.45	83.04	83.21	84.28	83.32	82.98	82.63
19.2	81.57	82.32	81.34	81.44	82.77	83.03	82.63	83.17	81.5	81.19	83.01	82.21	83.1	83.16	86.71	83.27	82.85	82.49
19.3	80.94	82.06	81.52	82.3	82.66	82.9	82.53	83.11	81.64	81.53	82.68	81.87	82.98	82.55	84.76	82.8	82.4	83.05
19.4	81.04	81.31	81.98	82.49	82.54	82.79	83.09	83.13	81.68	81.32	81.88	82.12	82.87	82.75	84.28	82.69	82.78	82.93
19.5	80.63	81.15	82.18	82.36	82.43	82.67	83.12	82.86	81.59	81.08	81.03	82.2	82.51	82.97	83.39	82.56	83.29	82.56
19.6	80.41	81.07	82.14	82.19	82.32	82.55	82.99	82.75	81.66	80.69	80.81	82.23	82.44	81.92	82.83	82.45	83.08	82.56
19.7	80.31	81	82.04	81.41	82.21	82.43	82.88	82.54	81.75	80.59	81.16	82.39	82.19	82.18	81.49	82.02	82.82	82.65
19.8	80.39	80.95	81.72	80.58	82.1	82.32	82.75	82.49	81.29	80.62	82.14	82.33	81.54	82.34	81.5	81.39	82.43	82.25
19.9	80.94	81.1	81.57	80.39	81.99	82.21	82.63	82.3	81.21	80.62	82.31	81.7	81.43	82.36	81.46	81.63	81.96	82.01
20	81.21	81.55	81.32	80.16	82.02	82.08	82.51	82.58	81.17	80.63	81.86	81.37	81.34	82.18	81.63	82	81.83	81.89
20.1	81.09	81.55	81.11	80.37	81.87	81.97	82.38	82.57	81.02	81.08	81.22	81.27	81.44	82.05	81.04	81.91	81.72	81.77
20.2	81.03	81.45	80.91	80.34	80.98	81.86	82.07	82.69	81.02	81.2	81.19	81.36	80.97	82.22	80.62	81.81	81.6	81.67
20.3	80.39	81.35	80.83	80.39	81.07	81.74	81.39	82.63	82.3	80.99	81.07	81.21	80.72	80.64	81.18	81.68	81.49	81.55
20.4	80.29	81.25	80.52	79.96	80.74	81.22	81.26	82.45	82.27	81.12	80.92	81.47	80.22	81.3	81.53	81.56	81.03	81.42
20.5	80.78	81.07	80.43	79.77	81.35	80.84	81.62	82.3	81.37	81.04	81.47	81.37	80.66	81.6	81.41	81.45	80.57	81.22
20.6	80.7	80.37	79.75	79.83	81.26	80.55	80.48	81.79	80.03	80.94	80.62	80.25	80.35	80.82	80.81	80.79	80.29	80.43
20.7	80.26	80.09	79.35	80.05	80.69	80.34	79.98	81.26	79.6	80.83	80.3	80.6	81.33	80.04	80.36	80.34	80.46	80.2
20.8	80.44	80.01	79.26	80.29	80.01	79.73	79.88	80.49	79.79	80.75	80.69	81.13	82.25	81.2	80.12	80.25	80.7	80.11
20.9	80.31	79.94	79.18	80.03	79.35	79.36	79.8	80.26	79.46	80.82	80.89	80.58	81.02	80.44	79.62	80.16	80.21	80.01
21	80.35	79.85	79.12	79.33	79.21	79.28	79.72	80.16	79.48	81.39	81.01	80.7	79.65	80.3	79.47	79.8	79.86	79.92
21.1	80.26	79.77	79.06	79.11	79.11	79.19	79.64	80.07	79.62	81.29	81.01	80.86	80.09	80.15	79.38	79.44	79.76	79.83
21.2	79.49	79.69	78.98	79.68	79.02	79.1	79.56	79.99	79.96	79.79	80.84	79.49	80.36	80.07	79.58	79.35	79.67	79.6
21.3	79.17	79.62	78.93	79.24	78.92	79.02	79.47	79.33	79.22	79.69	80.36	79.12	80.12	79.96	79.8	79.25	79.44	79.33
21.4	79.09	78.91	78.87	79.04	78.83	78.94	79.32	79	79.18	79.86	79.85	80.13	79.95	79.87	79.7	79.23	79.17	79.32
21.5	78.65	78.54	78.79	78.75	78.74	78.86	78.82	78.89	79.78	80.05	79.81	79.81	79.87	79.79	79.61	79.29	79.2	79.98
21.6	78.47	78.45	78.73	79.3	78.68	78.78	78.86	79.62	79.68	79.97	79.7	79.28	79.77	79.69	79.54	79.55	79.5	80.06
21.7	78.37	78.39	78.67	79.29	78.61	78.62	79.41	79.59	79.59	79.88	79.62	79.08	79.65	79.6	79.42	79.48	80.17	80.36
21.8	78.28	78.33	78.49	79.37	78.53	78.53	79.64	79.5	79.51	79.85	79.5	80.2	78.86	79.49	79.36	79.58	80.06	80.71
21.9	78.53	78.43	78.2	79.28	78.47	78.46	79.19	79.42	79.42	80.61	79.44	79.23	79.14	79.4	79.24	79.78	79.98	80.83
22	78.58	78.2	78.47	79.18	78.39	78.37	78.94	79.32	79.33	81.73	79.26	79.23	79.42	79.33	79.52	80.39	79.87	80.71
22.1	78	78.14	78.68	79.16	78.32	78.23	78.83	79.23	79.79	80.9	78.52	79.37	79.33	79.22	79.61	80.15	79.89	80.27
22.2	77.91	78.07	78.35	79.61	78.25	78.14	78.74	79.14	79.81	79.52	78.47	79.28	79.25	79.14	79.86	80	80.45	80.33
22.3	77.82	78.02	78.08	78.18	78.18	78.04	78.66	79.06	79.46	79.23	78.17	79.19	79.55	79.03	79.74	80.4	80.42	80.37

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
22.4	77.72	77.96	77.74	77.8	78.11	77.95	78.58	78.97	79.22	79.13	78.85	79.1	79.92	78.95	79.44	80.51	80.31	79.72
22.5	77.63	77.89	77.69	77.74	77.98	77.86	78.49	78.82	78.87	78.45	78.95	79.13	79.82	78.87	78.76	80.38	80.18	79.28
22.6	77.54	77.67	77.55	77.68	77.71	77.77	78.41	78.79	78.76	78.31	78.85	79.1	79.72	78.76	78.54	80.17	80.09	79.17
22.7	77.45	77.49	77.47	77.63	77.63	77.97	78.29	78.71	78.67	77.81	78.76	79.14	79.61	78.68	78.66	81.14	79.34	79.07
22.8	77.36	77.7	77.56	77.43	77.99	78.05	77.71	78.63	78.58	77.89	78.67	78.84	79.51	78.58	78.38	81.13	79	78.96
22.9	77.27	77.65	77.88	77.34	78.1	77.99	77.76	78.54	78.49	78.54	78.57	78.62	79.41	78.98	78.3	80.89	78.87	78.86
23	77.2	77.59	77.92	77.25	77.41	77.9	78.13	78.45	77.9	78.56	78.49	78.53	79.3	79.3	78.65	81.17	78.82	78.76
23.1	77.12	77.53	77.85	77.35	77.27	77.82	78.06	78.36	77.82	78.56	78.4	78.44	79.19	79.18	78.98	82.16	79.12	78.66
23.2	77.07	77.47	77.78	77.17	77.27	77.75	77.6	78.28	77.36	78.47	78.29	78.44	79.09	79.09	78.92	81.98	78.56	78.32
23.3	77.02	77.4	77.71	78.4	77.52	77.5	77.2	78.04	78.02	78.38	78.22	78.51	79	78.98	78.81	81.2	78.47	77.55
23.4	76.95	77.34	77.63	78.61	77.13	77.05	77.07	77.71	78.09	78.29	78.18	78.16	78.76	78.88	78.65	79.34	78.35	77.43
23.5	76.96	77.28	77.56	78.32	76.98	76.96	76.98	77.24	78.02	78.19	78.14	78.07	78.46	78.78	78.11	77.95	78.26	77.33
23.6	76.64	77.21	77.39	77.04	76.87	76.87	77.24	78.29	77.93	78.11	78.2	78	77.99	78.66	77.58	77.64	77.78	77.25
23.7	76.54	76.95	77.42	77.35	77.19	76.83	78.24	77.94	77.84	78.02	78.38	77.9	77.7	78.57	77.5	77.34	77.09	77.16
23.8	76.46	76.87	76.76	77.18	77.21	76.72	78.45	77.25	77.76	77.92	77.83	77.81	77.63	78.46	77.4	77.32	77.01	77.09
23.9	76.37	76.35	76.58	77.96	77.14	76.6	78.36	77.7	77.67	77.83	77.68	77.71	77.53	77.59	77.33	76.91	76.92	77
24	76.28	76.33	76.84	77.87	77.07	76.51	78.22	77.73	77.58	77.75	77.58	77.62	77.43	77.36	77.25	76.81	76.86	76.92
24.1	76.19	76.18	77.19	77.72	77	76.42	77.51	78.25	77.5	77.66	77.49	77.54	77.15	77.27	77.15	76.73	76.76	76.74
24.2	76.1	76.09	77.13	77.78	76.91	76.34	77.18	78.1	77.41	77.57	77.4	77.45	76.58	77.01	77.07	76.65	76.66	76.57
24.3	76.02	76	76.55	77.74	76.84	76.7	77.1	77.64	77.32	77.48	77.31	77.35	76.46	77.09	76.97	76.56	76.56	76.49
24.4	75.93	76.04	76.96	77.54	76.77	76.98	77.01	77.25	77.24	77.39	77.24	76.56	76.38	77.02	76.9	76.47	76.47	76.4
24.5	75.83	76.31	76.59	77.46	76.69	76.92	76.93	77.17	77.16	77.31	77.16	76.26	76.3	76.94	76.82	76.37	76.39	76.32
24.6	75.76	76.3	76.19	77.38	76.33	76.84	76.87	77.09	77.07	77.22	76.81	76.18	76.21	76.85	76.74	76.29	76.31	76.24
24.7	75.67	76.59	75.85	77.3	75.86	76.75	76.78	77	76.98	77.13	76.4	76.11	76.13	76.54	76.65	76.2	76.22	76.15
24.8	75.58	76.53	75.77	77.17	75.76	76.67	76.69	76.93	76.9	77.04	76.1	76.02	76.04	76.06	76.56	76.12	76.13	76.07
24.9	75.5	76.06	75.72	76.78	75.67	76.61	76.61	77.25	76.82	76.95	75.95	75.97	75.95	75.94	76.47	76.03	76.04	76
25	75.41	75.92	75.65	76.61	75.59	76.51	76.45	76.54	76.74	76.87	75.81	76.49	75.86	75.85	76.39	75.95	75.95	76.03
25.1	75.32	75.62	75.65	75.98	75.5	76.43	75.74	75.84	76.64	76.79	75.69	76.78	75.78	75.77	75.94	75.86	75.87	76
25.2	75.23	75.57	75.71	75.4	75.85	76.38	75.52	75.63	76.56	76.69	75.6	76.7	75.69	75.69	75.99	75.78	75.78	76.13
25.3	75.15	75.83	76.11	75.39	76.2	76.28	75.43	75.56	76.49	76.6	75.59	76.4	75.61	75.61	76.16	75.69	75.7	76.06
25.4	75.07	75.92	75.84	75.79	76.09	75.78	75.35	75.5	76.4	76.24	75.51	75.59	75.52	75.53	76.08	75.6	75.61	75.96
25.5	75.08	75.58	75.36	75.81	75.96	75.47	75.26	75.63	76.31	75.8	75.45	75.47	75.44	75.45	75.99	75.52	75.53	75.89
25.6	75.03	75.39	75.3	75.24	75.74	75.16	75.18	75.68	76.23	75.52	75.37	75.38	75.37	75.36	75.92	75.43	75.44	75.75
25.7	74.85	75.87	75.23	74.91	75.67	75.06	75.1	76.06	76.14	75.34	75.31	75.34	75.28	75.26	75.85	75.35	75.36	75.72
25.8	74.76	75.87	75.11	74.83	75.65	74.98	75.04	76.04	76.07	75.26	75.25	75.22	75.2	75.54	75.67	75.26	75.27	75.65
25.9	74.7	75.03	75.12	74.74	74.98	74.9	74.97	75.8	75.98	75.2	75.06	75.18	75.16	75.91	75.47	75.18	75.19	75.42
26	74.57	75.15	75.06	74.66	74.94	74.89	74.9	75.52	75.37	75.13	74.99	75.14	75.1	76.07	75.05	75.1	75.1	75.4

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
26.1	74.47	74.51	75.01	74.57	75.49	74.89	74.83	75.16	74.86	75.05	75.01	75.07	75.04	76.57	74.97	75.01	75.02	75.42
26.2	74.51	74.4	74.94	74.49	74.82	74.73	74.8	74.9	74.8	74.98	74.8	75	75.03	77.05	74.88	74.93	74.93	75.34
26.3	74.72	74.58	74.88	74.42	74.56	74.88	75.29	74.84	74.66	74.89	74.7	74.93	74.88	77.74	74.8	74.85	74.85	75.26
26.4	74.69	74.51	74.82	74.37	74.5	75.13	74.99	74.77	74.55	74.82	74.61	74.84	74.79	77.41	74.71	74.76	74.76	75.17
26.5	74.62	74.58	74.76	74.3	74.44	75.48	74.57	74.7	74.46	74.53	74.52	74.61	74.6	76.26	74.63	74.68	74.68	74.76
26.6	74.58	74.52	74.57	74.25	74.37	75.39	74.5	74.64	74.38	74.47	74.49	74.65	74.67	75.01	74.71	74.59	74.6	74.78
26.7	74.41	74.46	74.05	74.2	74.25	75.32	74.37	74.57	74.3	74.33	74.63	74.66	74.6	74.5	75.11	74.51	74.51	74.7
26.8	74.49	74.38	73.93	74.14	74.08	75.25	74.26	74.5	74.22	74.25	74.58	74.6	74.98	74.37	75.05	74.54	74.43	74.42
26.9	74.46	74.06	73.84	74.09	74	74.99	74.31	74.22	74.14	74.17	74.59	74.51	75.42	74.33	74.98	74.72	74.48	74.35
27	74.71	73.96	73.76	74.04	73.92	74.94	74.24	74.03	74.05	74.09	74.51	74.45	75.34	74.3	74.88	74.61	74.31	74.26
27.1	74.82	73.73	73.68	74	73.84	74.96	74.17	73.95	73.97	74.01	74.43	74.38	75.26	74.12	74.81	74.26	74.19	74.18
27.2	73.89	73.86	74.06	73.93	73.75	74.82	74.11	73.87	73.89	73.93	74.25	74.3	75.17	74.05	74.51	74.4	74.1	74.1
27.3	74.2	74.31	74.34	73.87	73.67	74.85	74.01	73.79	73.8	73.85	73.89	74.24	74.89	73.96	74.37	74.42	74.02	74.02
27.4	74.22	74.09	74.21	73.82	73.59	74.75	73.74	73.71	73.72	73.78	73.9	74.16	74.82	73.89	74.52	74.35	73.94	73.94
27.5	74.76	73.69	74.15	73.76	73.51	73.99	73.78	73.63	73.65	73.7	73.73	74.09	74.92	73.81	74.24	74.27	73.86	73.85
27.6	74.56	73.24	73.62	73.83	73.43	73.6	73.75	73.55	73.57	73.62	73.65	74.02	74.83	73.73	74.01	74.18	73.78	73.77
27.7	74.13	73.16	73.2	73.87	73.35	73.48	73.45	73.46	73.49	73.55	73.58	73.89	74.56	73.65	73.72	74.12	73.7	73.69
27.8	73.83	73.08	73.11	73.61	73.26	73.56	73.38	73.38	73.4	73.47	73.5	73.61	73.95	73.56	73.58	74.03	73.72	73.61
27.9	73.82	73	73.05	73.54	73.18	73.49	73.29	73.31	73.32	73.38	73.65	73.62	73.99	73.48	73.5	73.96	73.63	73.53
28	73.77	72.91	72.99	73.47	73.1	73.31	73.21	73.22	73.24	73.3	73.89	73.75	74.06	73.4	73.42	73.86	73.75	73.95
28.1	73.55	72.84	72.94	73.43	73.03	73.1	73.13	73.15	73.17	73.22	73.81	74.04	73.36	73.32	73.35	73.65	73.78	74.08
28.2	72.97	72.76	72.89	73.37	73.17	73.02	73.05	73.07	73.17	73.28	73.75	74.38	73.4	73.24	73.27	73.67	73.41	73.73
28.3	72.7	72.68	72.85	73.3	73.44	72.99	72.97	72.99	73.62	73.75	73.68	74.46	73.48	73.16	73.19	73.37	73.22	73.21
28.4	72.63	72.62	72.8	73.25	73.44	72.93	72.89	72.91	73.56	73.7	73.61	74.39	73.49	73.09	73.11	73.16	73.14	73.15
28.5	72.57	72.57	72.75	73.2	73.38	73.13	72.81	72.83	73.49	73.63	73.54	74.3	73.5	73.01	73.03	73.08	73.06	73.48
28.6	72.5	72.53	72.7	73.14	72.85	72.82	72.73	72.75	73.43	73.55	73.46	74.22	73.43	72.94	72.95	73	72.98	73.72
28.7	72.45	72.48	72.65	73.08	72.56	72.91	72.66	72.67	73.36	73.49	73.39	74.14	73.95	72.87	72.87	72.92	72.9	73.64
28.8	72.4	72.44	72.59	73.03	72.47	72.89	72.58	72.59	73.1	73.42	73.32	74.05	73.96	72.79	72.8	72.84	72.83	73.56
28.9	72.35	72.39	72.54	72.96	72.39	72.49	72.5	72.51	72.57	73.33	73.34	73.98	73.28	72.72	72.72	72.76	72.75	73.48
29	72.31	72.34	72.5	72.9	72.31	72.4	72.42	72.43	72.48	73.2	73.26	73.88	72.85	72.65	72.64	72.68	72.67	73.41
29.1	72.27	72.29	72.44	72.85	72.24	72.32	72.34	72.48	72.4	72.92	73.1	73.8	72.78	72.57	72.56	72.61	72.61	73.33
29.2	72.22	72.25	72.39	72.79	72.16	72.25	72.26	72.68	72.32	72.6	73.46	73.73	72.71	72.52	72.48	72.53	72.62	73.25
29.3	72.16	72.2	72.35	72.72	72.08	72.16	72.19	72.24	72.24	72.29	73.32	74.11	72.64	72.44	72.41	72.5	73.47	73.17
29.4	72.13	72.15	72.29	72.67	72	72.09	72.11	72.12	72.29	72.22	73.23	73.97	72.54	72.38	72.33	72.63	73.92	73.1
29.5	72.09	72.1	72.24	72.61	71.93	72.01	72.03	72.05	72.79	72.14	72.84	72.64	72.42	72.32	72.25	72.44	74.06	73.02
29.6	72.03	72.05	72.19	72.55	71.85	71.93	71.95	71.97	72.77	72.06	72.35	72.45	72.3	72.24	72.17	72.24	74.73	72.94
29.7	71.99	72	72.14	72.49	71.78	71.85	71.88	71.9	72.75	71.98	72.01	72.37	72.3	72.12	72.09	72.28	75.41	72.86

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
29.8	71.94	71.95	72.08	72.43	71.7	71.78	71.8	71.82	72.65	71.91	71.94	72.15	71.99	72.03	72.02	72.3	75.27	72.78
29.9	71.89	71.9	72.03	72.37	71.64	71.7	71.72	71.76	72.17	71.84	71.86	71.91	72.14	71.99	71.95	73.26	75.02	72.84
30	71.84	71.85	71.98	72.31	71.59	71.62	71.65	71.71	71.82	72.01	71.78	71.83	72.09	71.94	71.88	73.47	74.84	73.35
30.1	71.8	71.81	71.92	72.25	71.53	71.55	71.57	71.65	72.09	72.57	71.76	71.8	72.04	71.78	72.29	73.67	74.84	74.38
30.2	71.75	71.75	71.87	72.19	71.48	71.47	71.49	71.59	72.27	72.53	72.14	71.99	72.02	71.7	72.28	74.13	74.76	75
30.3	71.7	71.7	71.82	72.13	71.42	71.4	71.42	71.63	72.3	72.62	72.93	71.89	71.74	71.64	71.99	74.04	74.64	74.9
30.4	71.65	71.65	71.76	72.07	71.37	71.32	71.34	71.74	72.03	72.37	73.34	71.53	71.58	71.55	71.72	73.94	74.25	74.79
30.5	71.6	71.59	71.71	72.01	71.31	71.25	71.29	71.43	71.91	72.31	74.77	71.45	71.49	71.48	71.54	73.85	74.24	74.61
30.6	71.55	71.54	71.65	71.95	71.26	71.17	71.23	71.36	71.52	71.91	74.79	71.5	71.62	71.49	71.48	73.75	74.08	73.64
30.7	71.5	71.49	71.59	71.89	71.2	71.1	71.17	71.3	71.21	72.05	72.31	71.5	71.67	71.39	71.42	72.5	74.01	72.92
30.8	71.44	71.44	71.54	71.83	71.15	71.02	71.11	71.24	71.11	72.09	71.87	71.22	71.35	71.49	71.36	71.32	74.08	72.73
30.9	71.4	71.39	71.49	71.77	71.09	70.95	71.06	71.19	71.04	72.01	71.17	71.15	71.16	71.59	71.29	71.28	72.84	72.63
31	71.35	71.34	71.43	71.71	71.04	70.87	71.01	71.12	70.96	71.95	71.04	71.07	71.08	71.79	71.69	71.62	71.93	72.39
31.1	71.29	71.28	71.38	71.64	70.99	70.79	70.94	71.06	70.9	71.87	70.96	71	71.43	71.96	72.09	71.56	71.48	71.57
31.2	71.24	71.23	71.33	71.58	70.93	70.73	70.89	71.01	70.83	71.37	70.88	70.92	71.43	71.46	72.04	71.49	71.41	71.45
31.3	71.19	71.17	71.26	71.52	70.87	70.67	70.83	70.95	70.78	71.06	70.81	70.85	71.36	71.18	71.95	71.41	71.33	71.37
31.4	71.14	71.12	71.21	71.46	70.82	70.6	70.77	70.89	70.72	70.92	70.74	70.78	71.08	71.1	71.51	71.34	71.26	71.31
31.5	71.1	71.06	71.16	71.4	70.77	70.55	70.72	70.84	70.66	70.64	70.66	70.7	70.71	71.03	70.86	71.25	71.18	71.24
31.6	71.04	71.02	71.09	71.34	70.71	70.49	70.66	70.78	70.6	70.58	70.59	70.62	70.64	70.96	70.78	70.87	71.11	71.17
31.7	70.98	70.97	71.04	71.28	70.66	70.44	70.6	70.72	70.55	70.52	70.51	70.55	70.56	70.9	70.72	70.65	71.04	71.11
31.8	70.94	70.91	70.99	71.21	70.6	70.39	70.54	70.66	70.49	70.55	70.44	70.48	70.49	70.81	70.64	70.58	70.84	71.03
31.9	70.89	70.85	70.93	71.15	70.54	70.32	70.49	70.6	70.43	70.42	70.36	70.41	70.42	70.75	70.59	70.51	70.5	70.96
32	70.82	70.8	70.87	71.09	70.49	70.27	70.43	70.54	70.37	70.34	70.29	70.33	70.34	70.37	70.51	70.43	70.42	70.88
32.1	70.77	70.74	70.81	71.03	70.44	70.22	70.38	70.48	70.31	70.28	70.22	70.26	70.27	70.28	70.33	70.36	70.35	70.75
32.2	70.72	70.68	70.76	70.97	70.38	70.16	70.33	70.43	70.26	70.23	70.14	70.19	70.2	70.21	70.24	70.28	70.27	70.41
32.3	70.67	70.64	70.7	70.91	70.31	70.1	70.27	70.36	70.2	70.17	70.07	70.11	70.12	70.13	70.16	70.21	70.2	70.22
32.4	70.61	70.58	70.65	70.85	70.26	70.05	70.21	70.31	70.14	70.11	70	70.04	70.05	70.06	70.09	70.13	70.13	70.14
32.5	70.56	70.52	70.6	70.79	70.2	70	70.14	70.24	70.08	70.05	69.92	69.96	69.97	69.99	70.02	70.06	70.06	70.07
32.6	70.51	70.48	70.53	70.73	70.15	69.94	70.08	70.18	70.03	69.98	69.85	69.89	69.9	69.91	69.94	69.98	69.98	70
32.7	70.46	70.41	70.47	70.67	70.09	69.88	70.02	70.13	69.97	69.93	69.78	69.82	69.83	69.85	69.87	69.91	69.91	69.92
32.8	70.4	70.35	70.41	70.6	70.04	69.83	69.97	70.07	69.91	69.88	69.71	69.75	69.76	69.78	69.8	69.84	69.83	69.85
32.9	70.35	70.3	70.36	70.54	69.98	69.77	69.91	70	69.85	69.81	69.64	69.67	69.69	69.7	69.73	69.76	69.76	69.78
33	70.29	70.26	70.3	70.48	69.92	69.71	69.84	69.95	69.79	69.75	69.57	69.6	69.62	69.63	69.65	69.69	69.69	69.71
33.1	70.24	70.2	70.24	70.41	69.87	69.65	69.79	69.89	69.73	69.7	69.52	69.53	69.54	69.56	69.59	69.62	69.62	69.63
33.2	70.18	70.13	70.19	70.35	69.81	69.6	69.73	69.83	69.67	69.64	69.46	69.46	69.48	69.49	69.51	69.55	69.54	69.56
33.3	70.13	70.07	70.13	70.29	69.74	69.54	69.67	69.77	69.61	69.59	69.4	69.39	69.41	69.41	69.43	69.48	69.47	69.49
33.4	70.07	70.03	70.08	70.23	69.69	69.48	69.62	69.71	69.56	69.52	69.34	69.32	69.33	69.34	69.36	69.41	69.4	69.42

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
33.5	70.02	69.97	70.01	70.17	69.63	69.43	69.56	69.65	69.5	69.46	69.28	69.25	69.26	69.27	69.29	69.33	69.33	69.35
33.6	69.96	69.91	69.95	70.1	69.57	69.37	69.5	69.59	69.44	69.41	69.22	69.18	69.19	69.2	69.22	69.26	69.26	69.27
33.7	69.9	69.85	69.9	70.04	69.52	69.32	69.45	69.53	69.38	69.34	69.17	69.1	69.12	69.12	69.16	69.19	69.18	69.2
33.8	69.85	69.8	69.84	69.98	69.47	69.25	69.4	69.47	69.32	69.28	69.11	69.04	69.05	69.05	69.07	69.11	69.11	69.13
33.9	69.78	69.74	69.77	69.92	69.41	69.2	69.33	69.41	69.26	69.23	69.05	68.96	68.98	68.98	69	69.04	69.04	69.06
34	69.73	69.68	69.72	69.86	69.34	69.15	69.28	69.35	69.2	69.16	68.99	68.9	68.9	68.91	68.94	68.97	68.97	68.98
34.1	69.68	69.64	69.67	69.79	69.29	69.09	69.22	69.29	69.14	69.1	68.94	68.83	68.83	68.84	68.87	68.9	68.9	68.91
34.2	69.62	69.57	69.62	69.73	69.23	69.03	69.16	69.23	69.08	69.05	68.88	68.77	68.76	68.77	68.8	68.82	68.82	68.84
34.3	69.57	69.51	69.57	69.67	69.17	68.98	69.1	69.17	69.02	68.98	68.82	68.72	68.69	68.71	68.73	68.75	68.75	68.77
34.4	69.51	69.45	69.51	69.61	69.11	68.92	69.04	69.11	68.97	68.92	68.75	68.66	68.62	68.63	68.67	68.68	68.68	68.7
34.5	69.46	69.4	69.43	69.54	69.06	68.86	68.98	69.05	68.91	68.87	68.7	68.61	68.55	68.56	68.59	68.61	68.62	68.63
34.6	69.4	69.34	69.37	69.48	68.99	68.8	68.92	68.99	68.85	68.8	68.65	68.55	68.48	68.5	68.52	68.54	68.55	68.56
34.7	69.33	69.29	69.3	69.42	68.94	68.74	68.87	68.93	68.79	68.75	68.58	68.49	68.42	68.42	68.46	68.47	68.48	68.48
34.8	69.28	69.22	69.25	69.36	68.88	68.68	68.81	68.87	68.73	68.69	68.53	68.43	68.35	68.35	68.38	68.4	68.4	68.41
34.9	69.22	69.18	69.19	69.3	68.82	68.63	68.74	68.81	68.67	68.62	68.46	68.37	68.3	68.29	68.31	68.33	68.33	68.34
35	69.17	69.11	69.14	69.24	68.76	68.57	68.69	68.75	68.61	68.57	68.41	68.32	68.25	68.22	68.24	68.27	68.27	68.27
35.1	69.1	69.06	69.09	69.18	68.7	68.51	68.63	68.69	68.55	68.51	68.35	68.26	68.19	68.15	68.17	68.19	68.2	68.2
35.2	69.05	69.01	69.03	69.11	68.64	68.45	68.57	68.63	68.49	68.44	68.29	68.2	68.14	68.08	68.1	68.12	68.12	68.14
35.3	69	68.96	68.97	69.05	68.59	68.39	68.51	68.57	68.43	68.39	68.23	68.14	68.08	68.01	68.03	68.05	68.05	68.06
35.4	68.94	68.89	68.9	68.99	68.53	68.34	68.45	68.51	68.37	68.33	68.17	68.09	68.03	67.94	67.96	67.98	67.98	67.99
35.5	68.88	68.83	68.85	68.93	68.47	68.28	68.39	68.45	68.31	68.27	68.12	68.03	67.97	67.87	67.88	67.92	67.91	67.93
35.6	68.83	68.77	68.79	68.86	68.41	68.22	68.33	68.39	68.25	68.22	68.06	67.97	67.91	67.79	67.81	67.85	67.84	67.86
35.7	68.77	68.72	68.73	68.8	68.35	68.16	68.27	68.33	68.19	68.15	68	67.92	67.86	67.73	67.75	67.78	67.77	67.79
35.8	68.71	68.66	68.67	68.74	68.3	68.11	68.21	68.27	68.13	68.09	67.93	67.85	67.8	67.67	67.72	67.71	67.7	67.72
35.9	68.64	68.6	68.61	68.67	68.24	68.05	68.15	68.21	68.07	68.03	67.88	67.8	67.74	67.6	67.61	67.64	67.64	67.64
36	68.59	68.54	68.55	68.61	68.18	67.99	68.36	68.14	68.01	67.97	67.82	67.74	67.68	67.53	67.54	67.57	67.56	67.57
36.1	68.53	68.48	68.49	68.56	68.12	67.94	68.22	68.09	67.95	67.91	67.76	67.69	67.62	67.47	67.48	67.5	67.5	67.51
36.2	68.48	68.42	68.43	68.49	68.07	67.88	67.97	68.03	67.89	67.85	67.71	67.62	67.56	67.4	67.42	67.43	67.43	67.44
36.3	68.41	68.38	68.37	68.43	68	67.82	67.91	67.96	67.83	67.79	67.64	67.57	67.5	67.34	67.34	67.36	67.36	67.37
36.4	68.36	68.32	68.32	68.36	67.94	67.76	67.85	67.91	67.78	67.73	67.59	67.51	67.45	67.28	67.27	67.3	67.29	67.3
36.5	68.31	68.26	68.27	68.3	67.88	67.7	67.79	67.84	67.72	67.67	67.53	67.45	67.4	67.21	67.21	67.23	67.22	67.23
36.6	68.25	68.19	68.21	68.24	67.82	67.64	67.73	67.78	67.66	67.61	67.47	67.39	67.34	67.15	67.14	67.16	67.16	67.16
36.7	68.18	68.14	68.13	68.18	67.76	67.58	67.67	67.73	67.6	67.55	67.41	67.33	67.28	67.11	67.08	67.1	67.09	67.09
36.8	68.12	68.07	68.07	68.12	67.7	67.52	67.61	67.66	67.54	67.49	67.35	67.28	67.22	67.05	67.01	67.03	67.03	67.02
36.9	68.06	68.01	68.02	68.06	67.65	67.47	67.55	67.6	67.48	67.43	67.29	67.22	67.16	66.99	66.94	66.96	66.96	66.96
37	68.01	67.95	67.96	68	67.59	67.41	67.49	67.54	67.42	67.38	67.23	67.16	67.11	66.94	66.87	66.89	66.89	66.89
37.1	67.95	67.92	67.9	67.94	67.53	67.35	67.43	67.48	67.36	67.31	67.18	67.1	67.05	66.87	66.8	66.82	66.82	66.82

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
37.2	67.9	67.87	67.85	67.87	67.47	67.29	67.37	67.42	67.3	67.25	67.11	67.04	66.99	66.82	66.74	66.76	66.75	66.76
37.3	67.84	67.8	67.78	67.81	67.41	67.23	67.32	67.36	67.24	67.2	67.05	66.98	66.93	66.77	66.67	66.69	66.68	66.69
37.4	67.78	67.73	67.73	67.74	67.35	67.17	67.25	67.3	67.18	67.13	67	66.92	66.87	66.71	66.6	66.62	66.62	66.62
37.5	67.72	67.67	67.67	67.68	67.3	67.11	67.19	67.24	67.12	67.07	66.94	66.87	66.82	66.66	66.53	66.55	66.55	66.55
37.6	67.66	67.79	67.62	67.62	67.24	67.06	67.14	67.18	67.06	67.01	66.88	66.81	66.76	66.59	66.47	66.48	66.48	66.49
37.7	67.6	67.87	67.55	67.56	67.18	66.99	67.07	67.12	67	66.95	66.82	66.76	66.7	66.54	66.41	66.42	66.42	66.42
37.8	67.54	67.95	67.48	67.49	67.12	66.93	67.01	67.06	66.94	66.89	66.76	66.7	66.64	66.48	66.35	66.35	66.35	66.35
37.9	67.48	67.44	67.43	67.43	67.06	66.87	66.96	67	66.88	66.84	66.7	66.64	66.59	66.43	66.3	66.28	66.29	66.29
38	67.43	67.4	67.36	67.37	67.01	66.83	66.89	66.94	66.82	66.77	66.64	66.58	66.53	66.38	66.24	66.22	66.22	66.22
38.1	67.58	67.32	67.31	67.31	66.95	66.76	66.84	66.88	66.76	66.71	66.59	66.52	66.47	66.31	66.19	66.15	66.15	66.15
38.2	68.13	67.26	67.26	67.25	66.89	66.71	66.78	66.82	66.7	66.66	66.53	66.46	66.42	66.26	66.13	66.09	66.09	66.08
38.3	68.06	67.2	67.2	67.19	66.82	66.65	66.72	66.76	66.64	66.59	66.47	66.41	66.36	66.2	66.07	66.02	66.02	66.02
38.4	67.6	67.14	67.13	67.13	66.77	66.59	66.66	66.7	66.58	66.54	66.41	66.35	66.3	66.15	66.02	65.95	65.95	65.95
38.5	67.11	67.09	67.08	67.06	66.71	66.53	66.6	66.64	66.52	66.47	66.35	66.29	66.24	66.09	65.97	65.88	65.89	65.88
38.6	67.04	67.14	67.03	67.01	66.65	66.48	66.54	66.58	66.46	66.41	66.29	66.23	66.18	66.03	65.91	65.82	65.82	66.17
38.7	66.98	67.69	66.97	66.95	66.59	66.42	66.48	66.52	66.4	66.36	66.23	66.17	66.13	65.98	65.85	65.75	65.75	66.21
38.8	66.92	67.74	66.9	66.89	66.52	66.36	66.42	66.46	66.34	66.3	66.17	66.11	66.07	65.92	65.8	65.69	65.69	66.29
38.9	66.86	67.4	66.84	66.82	66.47	66.3	66.36	66.4	66.28	66.23	66.11	66.06	66.01	65.86	65.74	65.62	65.62	66.37
39	66.8	66.78	66.78	66.76	66.41	66.24	66.3	66.34	66.23	66.18	66.06	66	65.95	65.8	65.69	65.55	65.56	66.45
39.1	66.75	66.71	66.72	66.69	66.35	66.19	66.24	66.28	66.17	66.12	65.99	65.94	65.89	65.75	65.63	65.49	65.49	66.21
39.2	66.69	66.65	67.1	66.64	66.29	66.13	66.18	66.22	66.11	66.06	65.94	65.88	65.83	65.7	65.57	65.43	65.42	65.95
39.3	66.63	66.58	67.41	66.59	66.23	66.07	66.12	66.16	66.05	66	65.88	65.82	65.78	65.63	65.52	65.36	65.36	65.85
39.4	66.57	66.54	67.34	66.53	66.17	66.01	66.06	66.1	65.99	65.94	65.82	65.77	65.72	65.58	65.46	65.3	65.29	65.83
39.5	66.51	66.49	66.69	66.46	66.12	65.96	66	66.04	65.93	65.88	65.76	65.71	65.66	65.52	65.41	65.23	65.23	65.81
39.6	66.46	66.43	66.39	66.66	66.06	65.9	65.94	65.98	65.87	65.82	65.7	65.65	65.6	65.46	65.35	65.17	65.16	65.75
39.7	66.4	66.37	66.33	67.1	65.99	65.84	65.88	65.92	65.81	65.76	65.64	65.59	65.54	65.41	65.3	65.1	65.1	65.68
39.8	66.34	66.31	66.28	66.93	65.94	65.78	65.82	65.86	65.75	65.7	65.58	65.54	65.49	65.35	65.24	65.04	65.03	65.62
39.9	66.28	66.25	66.21	66.9	65.88	65.73	65.76	65.8	65.69	65.64	65.53	65.48	65.43	65.3	65.18	64.98	64.97	65.62
40	66.23	66.19	66.16	66.36	65.82	65.66	65.7	65.74	65.63	65.58	65.47	65.42	65.37	65.24	65.13	64.91	64.9	66.35
40.1	66.17	66.13	66.1	66.09	65.77	65.6	65.65	65.68	65.57	65.53	65.41	65.36	65.31	65.18	65.07	64.84	64.84	66.34
40.2	66.11	66.07	66.04	66.01	65.99	65.54	65.59	65.62	65.51	65.46	65.35	65.3	65.26	65.13	65.02	64.78	64.77	66.27
40.3	66.05	66.02	65.98	65.95	66.47	65.48	65.53	65.56	65.45	65.4	65.29	65.24	65.2	65.07	64.96	64.72	64.71	66.2
40.4	65.98	65.97	65.92	65.89	66.26	65.42	65.47	65.5	65.4	65.35	65.24	65.18	65.14	65.01	64.9	64.66	64.65	66.13
40.5	65.93	65.89	65.86	65.83	65.98	65.36	65.41	65.44	65.34	65.28	65.17	65.13	65.09	64.96	64.85	64.59	64.58	66.06
40.6	65.87	65.84	65.8	65.76	65.66	65.31	65.35	65.38	65.28	65.22	65.12	65.07	65.03	64.9	64.79	64.53	64.52	65.99
40.7	65.81	65.79	65.74	65.7	65.39	65.25	65.29	65.32	65.22	65.17	65.05	65.01	64.97	64.84	64.74	64.47	64.45	65.93
40.8	65.75	65.72	65.68	65.63	65.33	65.2	65.23	65.26	65.16	65.1	65	64.95	64.92	64.79	64.68	64.4	64.39	65.85

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
40.9	65.69	65.66	65.64	65.57	65.27	65.14	65.17	65.2	65.1	65.05	64.94	64.89	64.85	64.73	64.62	64.34	64.32	65.78
41	65.63	65.61	65.58	65.51	65.21	65.08	65.12	65.14	65.04	64.99	64.88	64.84	64.8	64.67	64.57	64.28	64.26	65.71
41.1	65.58	65.54	65.51	65.45	65.16	65.03	65.06	65.08	64.98	64.93	64.82	64.78	64.74	64.61	64.51	64.21	64.2	65.64
41.2	65.53	65.49	65.45	65.39	65.1	64.96	65	65.02	64.92	64.87	64.76	64.72	64.68	64.56	64.46	64.14	64.14	65.57
41.3	65.46	65.43	65.38	65.33	65.03	64.91	64.94	64.97	64.86	64.81	64.71	64.66	64.62	64.5	64.4	64.08	64.07	65.5
41.4	65.4	65.37	65.32	65.28	64.98	64.84	64.88	64.91	64.81	64.75	64.65	64.61	64.57	64.45	64.34	64.03	64.01	65.37
41.5	65.34	65.31	65.27	65.21	64.92	64.78	64.82	64.85	64.74	64.69	64.59	64.55	64.51	64.39	64.29	63.98	63.95	65.37
41.6	65.28	65.25	65.21	65.15	64.86	64.73	64.77	64.79	64.69	64.63	64.53	64.49	64.45	64.33	64.23	63.93	63.89	65.3
41.7	65.22	65.2	65.14	65.1	64.8	64.67	64.71	64.73	64.63	64.57	64.47	64.43	64.39	64.28	64.18	63.87	63.82	65.24
41.8	65.17	65.15	65.08	65.04	64.75	64.62	64.64	64.67	64.57	64.52	64.41	64.38	64.33	64.21	64.12	63.82	63.77	65.17
41.9	65.11	65.09	65.02	64.98	64.7	64.56	64.58	64.61	64.51	64.46	64.36	64.32	64.28	64.16	64.06	63.77	63.7	65.1
42	65.05	65.03	64.96	64.92	64.63	64.51	64.53	64.55	64.45	64.4	64.3	64.26	64.22	64.11	64.01	63.7	63.63	64.69
42.1	65	64.96	64.91	64.86	64.58	64.45	64.47	64.49	64.39	64.34	64.24	64.2	64.16	64.05	63.95	63.66	63.57	64.12
42.2	64.93	64.9	64.86	64.8	64.52	64.39	64.41	64.43	64.33	64.28	64.18	64.14	64.11	63.99	63.9	63.6	63.51	63.99
42.3	64.88	64.84	64.8	64.74	64.46	64.33	64.35	64.37	64.27	64.22	64.12	64.09	64.05	63.93	63.84	63.55	63.44	63.89
42.4	64.82	64.79	64.73	64.69	64.4	64.27	64.29	64.31	64.22	64.17	64.06	64.03	63.99	63.88	63.79	63.49	63.39	63.43
42.5	64.76	64.73	64.68	64.63	64.38	64.21	64.24	64.25	64.16	64.1	64.01	63.97	63.93	63.82	63.73	63.44	63.32	63.36
42.6	64.7	64.66	64.63	64.57	64.35	64.16	64.18	64.19	64.1	64.05	63.95	63.91	63.88	63.77	63.67	63.39	63.27	63.3
42.7	64.65	64.61	64.57	64.5	64.21	64.1	64.11	64.13	64.04	63.99	63.89	63.86	63.82	63.71	63.62	63.33	63.21	63.35
42.8	64.59	64.56	64.51	64.44	64.15	64.05	64.05	64.08	63.98	63.93	63.83	63.8	63.76	63.65	63.56	63.28	63.15	63.61
42.9	64.53	64.49	64.46	64.38	64.1	63.98	64	64.02	63.92	63.87	63.77	63.74	63.7	63.6	63.5	63.23	63.09	63.61
43	64.47	64.43	64.4	64.32	64.04	63.92	63.94	63.96	63.87	63.81	63.72	63.68	63.65	63.54	63.45	63.18	63.04	63.74
43.1	64.41	64.38	64.33	64.26	63.99	63.86	63.88	63.9	63.81	63.75	63.66	63.63	63.59	63.48	63.4	63.12	62.99	64.29
43.2	64.35	64.32	64.27	64.21	63.94	63.8	63.82	63.84	63.75	63.7	63.6	63.57	63.54	63.43	63.34	63.07	62.94	64.33
43.3	64.29	64.26	64.22	64.15	63.88	63.75	63.76	63.78	63.69	63.64	63.55	63.51	63.48	63.37	63.29	63.26	62.88	64.23
43.4	64.23	64.2	64.14	64.09	63.82	63.69	63.71	63.72	63.63	63.58	63.49	63.45	63.42	63.32	63.23	63.5	62.84	64.19
43.5	64.17	64.14	64.09	64.03	63.76	63.64	63.65	63.66	63.57	63.52	63.43	63.4	63.36	63.26	63.17	63.1	63.05	64.13
43.6	63.94	64.08	64.03	63.97	63.7	63.58	63.59	63.6	63.51	63.46	63.37	63.34	63.31	63.2	63.12	62.84	63.51	64.06
43.7	63.26	64.02	63.97	63.91	63.64	63.53	63.53	63.55	63.46	63.4	63.31	63.28	63.25	63.14	63.06	63.21	63.6	63.99
43.8	63.74	63.96	63.91	63.85	63.59	63.47	63.47	63.49	63.4	63.35	63.26	63.23	63.19	63.09	63.01	63.17	63.34	63.93
43.9	63.94	63.9	63.86	63.78	63.54	63.4	63.42	63.43	63.34	63.29	63.2	63.17	63.14	63.04	62.95	62.84	63.72	63.86
44	63.89	63.84	63.81	63.72	63.47	63.35	63.36	63.37	63.28	63.23	63.14	63.11	63.08	62.98	62.9	63.1	63.42	63.8
44.1	63.84	63.79	63.75	63.66	63.42	63.29	63.3	63.31	63.22	63.17	63.08	63.05	63.02	62.92	62.84	63.12	63.36	63.73
44.2	63.77	63.73	63.7	63.61	63.36	63.24	63.24	63.25	63.17	63.11	63.02	63	62.96	62.86	63.07	62.57	63.25	63.66
44.3	63.71	63.67	63.64	63.55	63.28	63.18	63.18	63.2	63.11	63.05	62.97	62.94	62.91	62.81	62.73	62.73	62.52	63.6
44.4	63.66	63.61	63.57	63.49	63.23	63.12	63.13	63.14	63.05	63	62.91	62.88	62.85	62.75	62.73	62.39	62.25	63.37
44.5	63.6	63.55	63.5	63.43	63.19	63.06	63.07	63.08	62.99	62.94	62.85	62.82	62.79	62.7	62.61	62.33	62.2	62.73

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
44.6	63.54	63.49	63.45	63.38	63.13	63	63.01	63.02	62.94	62.88	62.8	62.77	62.73	62.64	62.55	62.28	62.15	62.5
44.7	63.48	63.44	63.39	63.32	63.07	62.52	62.95	62.97	62.88	62.82	62.74	62.71	62.68	62.59	62.5	62.23	62.09	62.44
44.8	63.42	63.38	63.34	63.27	63.02	62.04	62.9	62.91	62.82	62.76	62.68	62.65	62.62	62.53	62.44	62.17	62.04	62.38
44.9	63.37	63.32	63.27	63.21	62.96	62.35	62.84	62.85	62.76	62.71	62.62	62.6	62.57	62.47	62.39	62.12	61.99	62.33
45	63.31	63.26	63.21	63.15	62.91	62.38	62.78	62.79	62.7	62.65	62.57	62.54	62.51	62.42	62.33	62.07	61.93	63.91
45.1	63.24	63.21	63.16	63.08	62.86	62.5	62.73	62.74	62.64	62.59	62.51	62.49	62.45	62.36	62.28	62.02	61.88	68.93
45.2	63.18	63.15	63.09	63.02	62.81	62.48	62.67	62.67	62.59	62.54	62.45	62.43	62.4	62.31	62.22	61.96	61.83	71.83
45.3	63.04	63.09	63.04	62.96	62.75	62.59	62.44	62.61	62.53	62.47	62.4	62.37	62.34	62.25	62.17	61.91	63.89	72.73
45.4	62.73	63.02	62.99	62.91	62.69	62.11	61.98	62.56	62.47	62.42	62.34	62.31	62.28	62.19	62.11	61.86	69.32	72.79
45.5	63.03	62.97	62.94	62.85	62.64	62.17	61.7	62.5	62.42	62.36	62.28	62.26	62.23	62.14	62.06	61.8	72.06	72.62
45.6	62.97	62.91	62.87	62.79	62.58	62.11	61.54	62.44	62.36	62.3	62.22	62.2	62.17	62.08	62	63.15	74.17	72.47
45.7	62.9	62.85	62.81	62.74	62.49	61.59	61.49	62.38	62.3	62.24	62.17	62.14	62.11	62.03	61.95	68.35	74.17	72.57
45.8	62.84	62.79	62.76	62.69	62.44	61.82	61.44	62.33	62.24	62.19	62.11	62.09	62.06	61.97	61.89	71.18	74.03	72.99
45.9	62.78	62.73	62.69	62.64	62.38	61.85	61.39	62.27	62.18	62.14	62.06	62.03	62.01	61.91	61.83	71.51	73.92	72.87
46	62.73	62.67	62.62	62.6	62.32	61.92	61.34	62.21	61.78	62.07	62	61.97	61.95	61.86	61.78	70.59	73.54	72.74
46.1	62.68	62.61	62.58	62.53	62.26	61.43	61.29	61.83	61.9	62.02	61.94	61.92	61.89	61.8	61.73	68.85	72.93	72.61
46.2	62.63	62.56	62.52	62.47	62.22	61.54	61.24	61.43	62.01	61.96	61.88	61.86	61.83	61.75	61.67	52.17	72.62	72.17
46.3	62.57	62.5	62.46	62.41	62.18	61.53	61.19	61.18	61.96	61.91	61.82	61.8	61.78	61.69	61.61	43.7	71.77	65.39
46.4	62.51	62.44	62.4	62.35	62.12	61.66	61.14	61.09	61.9	61.85	61.77	61.75	61.72	61.64	61.56	48.06	67.11	37.36
46.5	62.45	62.38	62.34	62.28	62.08	61.67	61.09	61.04	61.84	61.79	61.72	61.69	61.66	61.58	61.51	51.21	55.98	29.98
46.6	62.39	62.32	62.29	62.22	62.02	61.54	61.05	60.99	61.25	61.73	61.66	61.64	61.61	61.52	61.45	52.87	42.65	38.08
46.7	62.33	62.27	62.23	62.14	61.97	61.21	61	60.94	60.83	61.68	61.6	61.58	61.55	61.46	61.4	54.31	37.61	43.1
46.8	62.27	62.21	62.17	62.08	61.9	61.34	60.95	60.89	60.86	61.62	61.54	61.52	61.5	61.41	61.34	54.84	41.91	45.63
46.9	62.2	62.15	62.12	62.02	61.84	61.11	60.9	60.84	60.99	61.56	61.49	61.46	61.44	61.36	61.28	55.93	45.91	47.85
47	62.15	62.09	62.06	61.97	61.78	60.86	60.85	60.79	60.67	61.51	61.43	61.41	61.38	61.3	61.23	56.38	48	48.96
47.1	62.1	62.03	62	61.91	61.74	60.97	60.8	60.74	60.62	61.45	61.38	61.35	61.33	61.25	61.18	56.78	50.11	50.52
47.2	62.04	61.98	61.94	61.86	61.7	61.03	60.75	60.7	60.58	61.39	61.33	61.3	61.27	61.19	61.12	57.26	52.36	50.7
47.3	61.99	61.92	61.89	61.8	61.65	61.01	60.7	60.64	60.52	61.33	61.27	61.24	61.22	61.13	61.07	57.08	53.03	52.04
47.4	61.93	61.86	61.84	61.74	61.57	61.13	60.65	60.59	60.47	61.28	61.21	61.19	61.16	61.08	61.01	57.71	53.39	53.09
47.5	61.88	61.8	61.78	61.68	61.51	60.73	60.6	60.54	60.43	61.24	61.16	61.13	61.1	61.03	60.96	57.07	53.67	53.72
47.6	61.82	61.74	61.72	61.63	61.45	60.72	60.55	60.5	60.38	61.16	61.1	61.08	61.05	60.97	60.9	57.2	54.35	54.56
47.7	61.76	61.69	61.67	61.56	61.4	60.74	60.5	60.44	60.34	61.1	61.04	61.02	61	60.92	60.85	57.24	54.43	54.73
47.8	61.7	61.63	61.6	61.52	61.34	60.85	60.45	60.39	60.28	61.05	60.99	60.96	60.94	60.86	60.79	57.35	55.16	55.35
47.9	61.65	61.58	61.54	61.47	61.28	60.66	60.41	60.35	60.73	61	60.94	60.9	60.88	60.8	60.74	57.47	55.38	55.4
48	61.59	61.52	61.47	61.43	61.22	60.81	60.35	60.3	60.63	60.95	60.87	60.85	60.83	60.75	60.69	56.67	55.55	55.64
48.1	61.53	61.46	61.42	61.38	61.16	60.68	60.3	60.25	61.02	60.89	60.82	60.79	60.77	60.7	60.63	56.79	56.48	56.04
48.2	61.46	61.4	61.37	61.31	61.09	60.51	60.26	60.2	60.97	60.83	60.77	60.74	60.71	60.64	60.57	56.3	56.99	54.89

KVDU Channel 281C3 Gonzales, LA
FCC Section 73.315 Supplemental Showing
Longley-Rice signal strength table
(18 radials that cross over Gonazales)

Radial	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144
48.3	61.41	61.34	61.32	61.24	61.03	60.34	60.2	60.15	60.91	60.77	60.71	60.69	60.66	60.58	60.52	56.46	56.67	55.1
48.4	61.34	61.29	61.25	61.18	60.99	60.51	60.15	60.1	60.85	60.71	60.65	60.64	60.61	60.53	60.46	56.41	55.55	55.23
48.5	61.28	61.23	61.2	61.13	60.94	60.52	60.1	60.13	60.79	60.66	60.6	60.81	60.56	60.48	60.41	56.55	56.77	55.13
48.6	61.22	61.17	61.14	61.07	60.89	60.62	60.05	60.41	60.74	60.59	60.54	61.05	60.51	60.42	60.36	57.1	56.54	54.91
48.7	61.18	61.11	61.08	61.02	60.84	60.68	60	60.82	60.68	60.55	60.48	61.35	60.45	60.37	60.3	57.6	56.81	54.7
48.8	61.12	61.06	61.01	60.98	60.78	60.41	59.95	60.77	60.63	60.51	60.43	61.53	60.39	60.31	60.25	57.74	56.82	55.02
48.9	61.07	61	60.96	60.9	60.74	60.18	59.9	60.71	60.57	60.44	60.37	61.16	60.33	60.26	60.2	58.23	56.74	55.26
49	61.01	60.94	60.9	60.86	60.68	60.32	59.85	60.65	60.51	60.37	60.32	60.82	60.27	60.2	60.19	58.01	56.8	55.01
49.1	60.96	60.88	60.85	60.81	60.62	60.32	59.8	60.59	60.46	60.32	60.26	60.24	60.22	60.14	60.86	57.61	56.6	54.56
49.2	60.9	60.83	60.79	60.44	60.58	60.56	59.91	60.54	60.4	60.28	60.21	60.62	60.17	60.09	60.89	57.62	56.87	55.08
49.3	60.85	60.77	60.73	60.32	60.52	60.51	60.54	60.48	60.34	60.23	60.15	60.91	60.11	60.04	60.91	57.39	56.22	54.99
49.4	60.8	60.71	60.68	60.62	60.46	60.46	60.51	60.42	60.29	60.15	60.09	60.88	60.36	59.98	61.1	57.22	56.23	55.05
49.5	60.74	60.65	60.63	60.58	60.4	60.4	60.45	60.36	60.23	60.08	60.04	60.87	60.83	59.92	61.49	57.15	56.18	55.43
49.6	60.67	60.59	60.57	60.53	60.34	60.33	60.39	60.3	60.17	60.04	59.99	61.24	60.78	59.87	61.43	57.64	56.86	56.07
49.7	60.61	60.54	60.51	60.5	60.28	60.28	60.34	60.25	60.12	59.99	60.06	61.42	60.72	59.82	61.36	57.89	57.94	57.24
49.8	60.55	60.48	60.46	60.44	60.22	60.23	60.28	60.19	60.06	59.94	59.89	61.4	60.66	59.76	61.29	58.19	57.47	56.74
49.9	60.49	60.43	60.41	60.35	60.17	60.18	60.23	60.13	60	59.88	60.11	61.33	60.6	59.78	61.22	59.13	55.06	53.62
50	60.44	60.37	60.35	60.29	60.12	60.11	60.17	60.08	59.95	59.97	60.51	61.27	60.53	59.97	61.15	60.2	52.54	53.24

**Human Exposure to Radiofrequency Electromagnetic Field
&
Section 106 Compliance
(Environmental)**

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. 1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997, regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. IHM Licenses, LLC, ("IHM"), is the licensee of station KVDU, Channel 281C, Facility ID No. 34528, Houma, Louisiana with construction permit 0000187347 for Channel 281C3, licensed to Gonzales, Louisiana. IHM is proposing to modify the KVDU construction permit to specify operation on Channel 281C3 licensed to Gonzales, LA. The transmitting site is an existing tower 152.1 meters in overall height. The tower is registered with FCC Antenna Structure Registration (ASR) No. 1001108. The tower is located at 30° 22' 25.9" N ~ 91° 05' 44.2" W (NAD 83). The proposed antenna is a side mounted ERI MP-4E four bay full wavelength circularly polarized antenna. KVDU will operate with 17.5 kilowatts ERP at 112.8 meters above ground level and 118.74 meters HAAT. The use of existing transmitting locations has been characterized as being environmentally preferable by the Commission, according to Note 1 of § 1.1306 of the FCC Rules. No modifications to the tower are being made. Therefore, it is believed that this application is exempt from a Section 106 review by the SHPO/THPO.

The proposed operation was evaluated for human exposure to RF energy using the procedures outlined in the Commission's OET Bulletin Number 65. The ERI MP antenna is included in the OET's updated FM Model Program under EPA Type 3: Opposed "U" dipole. Using the EPA Type 3 selection, the maximum calculated signal density near the tower at two meters above ground level attributable to the proposed KVDU facility is $8.264 \mu\text{W}/\text{cm}^2$ at 45.4 meters, which is 4.132 percent of the general population/uncontrolled maximum permitted exposure limit. This level is below the five percent threshold limit described in 1.1307(b) regarding sites with multiple emitters, which excludes applicant from responsibility for taking any corrective action in areas where the proposal's contribution is less than five percent.

The applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

FM Model

Radio Frequency Safety

FCC Policy on Human Exposure

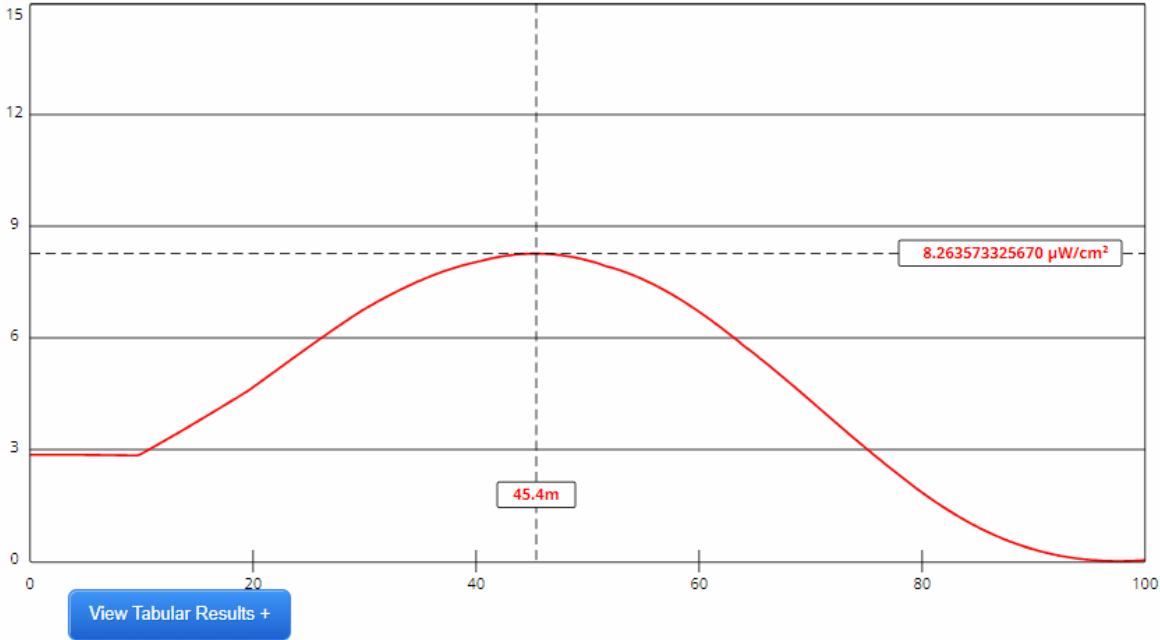
RF Safety Highlighted Releases

RF Safety FAQ

FM Model

Body Tissue Dielectric Parameters

The FM Model calculator determines the potential exposure from radiofrequency (RF) electromagnetic fields produced by FM broadcast station antennas at ground level. The FM Model software was originally developed by the FCC in 1997 as a standalone executable program and this improved version provides more precise predictions and runs via a JavaScript enabled web browser. The FM Model is originally based on measured data published in 1985 by the EPA. [Show More....](#)



Channel Selection	Channel 281 (104.1 MHz) ▼		
Antenna Type +	EPA Type 3: Opposed U Dipole ▼		
Height (m)	112.8	Distance (m)	100
ERP-H (W)	17500	ERP-V (W)	17500
Num of Elements	4	λ	1
Num of Points	500	Apply	