


**Coverage Contour Comparison**  
**KTXH Licensed Ch 19 Houston, TX ERP 1,000 kW HAAT 595 m Directional Antenna**  
**ATSC 1.0 Host KRIV Licensed Ch 26 Houston, TX ERP 800 kW HAAT 598 m Directional Antenna**

 **Houston, TX DMA**



**Coverage Contour Comparison**  
**KTXH Licensed Ch 19 Houston, TX ERP 1,000 kW HAAT 595 m Directional Antenna**  
**ATSC 1.0 Host KXLN-DT Licensed Ch 30 Rosenberg, TX ERP 1,000 kW HAAT 592 m Directional Antenna**

 **Houston, TX DMA**

**Predicted Service Comparison**  
**KTXH Channel 19 Houston, TX**  
**Licensed Facility**  
**Versus**  
**Proposed ATSC 1.0 Diginet Hosts**  
**KRIV Channel 26 Houston, TX**  
**KXLN Channel 30 Rosenberg, TX**  
**KTRK Channel 13 Houston, TX**  
**KFTH Channel 36 Alvin, TX**

Based on the predicted service analysis results detailed in the tabulations shown below, there will be an insignificant loss in service between that now provided by KTXH and the proposed ATSC 1.0 diginet hosts.

**Predicted Service Loss Percentages**

<b>KTXH vs. KRIV</b>	<b>0.0038%</b>
<b>KTXH vs. KXLN</b>	<b>0.0001%</b>
<b>KTXH vs. KTRK</b>	<b>0.0134%</b>
<b>KTXH vs. KFTH</b>	<b>0.0056%</b>

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**Noise Limited Predicted Service Comparison**  
**KTXH CH 19 Houston, TX vs KRIV CH 26 Houston, TX Inside KTXH NLC**

State	County	KTXH Licensed ERP 1,000 kW DA HAAT 596 m		KRIV Licensed ERP 800 kW DA HAAT 598 m		Gain / Loss	
		Population	Households	Population	Households	Population	Households
TX	AUSTIN	28,393	10,827	28,393	10,827	0	0
TX	BRAZORIA	313,166	106,589	313,166	106,589	0	0
TX	BRAZOS	863	300	863	300	0	0
TX	CHAMBERS	35,096	11,952	35,096	11,952	0	0
TX	COLORADO	16,121	6,271	16,100	6,262	-21	-9
TX	FAYETTE	360	146	344	138	-16	-8
TX	FORT BEND	585,375	187,384	585,375	187,384	0	0
TX	GALVESTON	291,309	108,969	291,309	108,969	0	0
TX	GRIMES	20,244	6,548	20,258	6,551	14	3
TX	HARDIN	2,456	947	2,456	947	0	0
TX	HARRIS	4,092,459	1,435,155	4,092,459	1,435,155	0	0
TX	JACKSON	4	2	4	2	0	0
TX	JEFFERSON	3,492	1,275	3,492	1,275	0	0
TX	LIBERTY	74,923	24,782	74,923	24,782	0	0
TX	MATAGORDA	30,679	11,790	30,679	11,790	0	0
TX	MONTGOMERY	455,746	162,530	455,746	162,530	0	0
TX	POLK	381	169	381	169	0	0
TX	SAN JACINTO	19,533	6,985	19,472	6,957	-61	-28
TX	WALKER	9,069	3,647	9,069	3,647	0	0
TX	WALLER	43,205	14,040	43,205	14,040	0	0
TX	WASHINGTON	29,440	11,228	29,292	11,179	-148	-49
TX	WHARTON	40,211	14,763	40,211	14,763	0	0
<b>TOTALS</b>		<b>6,092,525</b>	<b>2,126,299</b>	<b>6,092,293</b>	<b>2,126,208</b>	<b>-232</b>	<b>-91</b>



**Noise Limited Predicted Service Comparison**  
**KTXH CH 19 Houston, TX vs KXLN CH 30 Rosenberg, TX Inside KTXH NLC**

State	County	KTXH Licensed ERP 1,000 kW DA HAAT 596 m		KXLN Licensed ERP 1,000 kW DA HAAT 905 m		Gain / Loss	
		Population	Households	Population	Households	Population	Households
TX	AUSTIN	28,393	10,827	28,393	10,827	0	0
TX	BRAZORIA	313,166	106,589	313,166	106,589	0	0
TX	BRAZOS	863	300	863	300	0	0
TX	CHAMBERS	35,096	11,952	35,096	11,952	0	0
TX	COLORADO	16,121	6,271	16,121	6,271	0	0
TX	FAYETTE	360	146	360	146	0	0
TX	FORT BEND	585,375	187,384	585,375	187,384	0	0
TX	GALVESTON	291,309	108,969	291,309	108,969	0	0
TX	GRIMES	20,244	6,548	20,236	6,545	-8	-3
TX	HARDIN	2,456	947	2,456	947	0	0
TX	HARRIS	4,092,459	1,435,155	4,092,459	1,435,155	0	0
TX	JACKSON	4	2	4	2	0	0
TX	JEFFERSON	3,492	1,275	3,492	1,275	0	0
TX	LIBERTY	74,923	24,782	74,923	24,782	0	0
TX	MATAGORDA	30,679	11,790	30,679	11,790	0	0
TX	MONTGOMERY	455,746	162,530	455,746	162,530	0	0
TX	POLK	381	169	381	169	0	0
TX	SAN JACINTO	19,533	6,985	19,533	6,985	0	0
TX	WALKER	9,069	3,647	9,069	3,647	0	0
TX	WALLER	43,205	14,040	43,205	14,040	0	0
TX	WASHINGTON	29,440	11,228	29,440	11,228	0	0
TX	WHARTON	40,211	14,763	40,211	14,763	0	0
<b>TOTALS</b>		<b>6,092,525</b>	<b>2,126,299</b>	<b>6,092,517</b>	<b>2,126,296</b>	<b>-8</b>	<b>-3</b>

**Noise Limited Predicted Service Comparison**  
**KTXH CH 19 Houston, TX vs KTRK CH 13 Houston, TX Inside KTXH NLC**

State	County	KTXH Licensed ERP 1,000 kW DA HAAT 596 m		KTRK Licensed ERP 32.4 kW OMNI HAAT 588 m		Gain / Loss	
		Population	Households	Population	Households	Population	Households
TX	AUSTIN	28,393	10,827	28,393	10,827	0	0
TX	BRAZORIA	313,166	106,589	313,166	106,589	0	0
TX	BRAZOS	863	300	863	300	0	0
TX	CHAMBERS	35,096	11,952	35,096	11,952	0	0
TX	COLORADO	16,121	6,271	16,118	6,269	-3	-2
TX	FAYETTE	360	146	344	138	-16	-8
TX	FORT BEND	585,375	187,384	585,375	187,384	0	0
TX	GALVESTON	291,309	108,969	291,309	108,969	0	0
TX	GRIMES	20,244	6,548	20,148	6,506	-96	-42
TX	HARDIN	2,456	947	2,456	947	0	0
TX	HARRIS	4,092,459	1,435,155	4,092,459	1,435,155	0	0
TX	JACKSON	4	2	4	2	0	0
TX	JEFFERSON	3,492	1,275	3,492	1,275	0	0
TX	LIBERTY	74,923	24,782	74,923	24,782	0	0
TX	MATAGORDA	30,679	11,790	30,679	11,790	0	0
TX	MONTGOMERY	455,746	162,530	455,744	162,529	-2	-1
TX	POLK	381	169	312	139	-69	-30
TX	SAN JACINTO	19,533	6,985	19,052	6,792	-481	-193
TX	WALKER	9,069	3,647	9,069	3,647	0	0
TX	WALLER	43,205	14,040	43,205	14,040	0	0
TX	WASHINGTON	29,440	11,228	29,291	11,178	-149	-50
TX	WHARTON	40,211	14,763	40,211	14,763	0	0
<b>TOTALS</b>		<b>6,092,525</b>	<b>2,126,299</b>	<b>6,091,709</b>	<b>2,125,973</b>	<b>-816</b>	<b>-326</b>

**Noise Limited Predicted Service Comparison**  
**KTXH CH 19 Houston, TX vs KFTH CH 36 Alvin, TX Inside KTXH NLC**

State	County	KTXH Licensed ERP 1,000 kW DA HAAT 596 m		KFTH Licensed ERP 1,000 kW DA HAAT 579 m		Gain / Loss	
		Population	Households	Population	Households	Population	Households
TX	AUSTIN	28,393	10,827	28,393	10,827	0	0
TX	BRAZORIA	313,166	106,589	313,166	106,589	0	0
TX	BRAZOS	863	300	863	300	0	0
TX	CHAMBERS	35,096	11,952	35,096	11,952	0	0
TX	COLORADO	16,121	6,271	16,105	6,263	-16	-8
TX	FAYETTE	360	146	360	146	0	0
TX	FORT BEND	585,375	187,384	585,375	187,384	0	0
TX	GALVESTON	291,309	108,969	291,309	108,969	0	0
TX	GRIMES	20,244	6,548	20,263	6,547	19	-1
TX	HARDIN	2,456	947	2,456	947	0	0
TX	HARRIS	4,092,459	1,435,155	4,092,459	1,435,155	0	0
TX	JACKSON	4	2	4	2	0	0
TX	JEFFERSON	3,492	1,275	3,492	1,275	0	0
TX	LIBERTY	74,923	24,782	74,923	24,782	0	0
TX	MATAGORDA	30,679	11,790	30,679	11,790	0	0
TX	MONTGOMERY	455,746	162,530	455,744	162,529	-2	-1
TX	POLK	381	169	312	139	-69	-30
TX	SAN JACINTO	19,533	6,985	19,264	6,872	-269	-113
TX	WALKER	9,069	3,647	9,069	3,647	0	0
TX	WALLER	43,205	14,040	43,205	14,040	0	0
TX	WASHINGTON	29,440	11,228	29,439	11,227	-1	-1
TX	WHARTON	40,211	14,763	40,211	14,763	0	0
<b>TOTALS</b>		<b>6,092,525</b>	<b>2,126,299</b>	<b>6,092,187</b>	<b>2,126,145</b>	<b>-338</b>	<b>-154</b>