

KHOU Studio Location

Hurricane Harvey rendered KHOU's studio, located at 1945 Allen Parkway in Houston, and the receive-only c-band dishes located there, unusable. Since that time KHOU has been operating from a temporary location. However, KHOU is in the process of relocating the studio to a new permanent location, at 5718 Westheimer Road in Houston, and will reconstruct its receive-only c-band dishes at this new studio location.

Micronet Communications, Inc.
 720 F Avenue, Suite 100
 Plano, Texas 75074
 972-422-7200

File: M1822514

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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company:	KHOU-TV, INC.		
Site Name, State:	Westheimer Garage, TX		
Call Sign:			
Latitude	(NAD83)	29 44	21.9 N
Longitude	(NAD83)	95 28	43.5 W
Elevation AMSL	(ft/m)	61.00	18.59
Receive Frequency Range	(MHz)	3700-4200	
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	70.00	139.00
Range of Azimuths from North	(deg)	136.15	242.42
Antenna Centerline	(ft/m)	150.92	46.00
Antenna Elevation Angles	(deg)	45.55	31.64

Equipment Parameters		Receive
Antenna Gain, Main Beam	(dbI)	43.50
15 DB Half Beamwidth	(deg)	2.20

Antennas Receive: SCIENTIFIC ATLANTA 8345

Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	DIGITAL	36M0G7W

Coordination Parameters		Receive
Max Greater Circle Distances	(km)	369.62
Max Rain Scatter Distances	(km)	472.08
Max Interference Power Long Term	(dbW)	-158.60
Max Interference Power Short Term	(dbW)	-149.90
Rain Zone / Radio Zone		2 A