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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company: WFAA-TV INC.

Site Name, State: Cedar Hill, TX

Call Sign:

Latitude	(NAD83)	32 35	16.6 N
Longitude	(NAD83)	96 58	36.1 W
Elevation AMSL	(ft/m)	870.00	265.18
Receive Frequency Range	(MHz)	3700.00	4200.00
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	50	140
Range of Azimuths from North	(deg)	116.69	240.01
Antenna Centerline	(ft/m)	10.00	3.05
Antenna Elevation Angles	(deg)	27.39	30.55

Equipment Parameters 3.95 GHz

Antenna Gain, Main Beam	(dbI)	42.80
15 DB Half Beamwidth	(deg)	1.20
Antennas	Receive: COMMSCOPE ES45MPJ-1	
Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	Digital	36M0G7W

Coordination Parameters 3.95 GHz

Max Greater Circle Distances	(km)	282.12
Max Rain Scatter Distances	(km)	398.29
Max Interference Power Long Term	(dbW)	-140.60
Max Interference Power Short Term	(dbW)	-118.40
Rain Zone / Radio Zone		2 A