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TECHNICAL CHARACTERISTICS OF RECEIVE ONLY EARTH STATION

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Company: WVEC TELEVISION LLC

Site Name, State: WVEC Transmitter, VA

Call Sign:

Latitude	(NAD83)	36 49	0.0 N
Longitude	(NAD83)	76 28	5.0 W
Elevation AMSL	(ft/m)	23.95	7.30
Receive Frequency Range	(MHz)	3700.00	4200.00
Transmit Frequency Range	(MHz)		
Range of Satellite Orbital Long.	(deg W)	11	143
Range of Azimuths from North	(deg)	105.30	255.42
Antenna Centerline	(ft/m)	13.12	4.00
Antenna Elevation Angles	(deg)	10.89	10.04

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Equipment Parameters 3.95 GHz

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Antenna Gain, Main Beam	(dbI)	44.20
15 DB Half Beamwidth	(deg)	2.40
Antennas	Receive: COMMSCOPE ESA45-4	(4.5 METER)
Max Transmitter Power	(dbW/4KHz)	
Max EIRP Main Beam	(dbW/4KHz)	
Modulation / Emission Designator	Analog	36M0G7W

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Coordination Parameters 3.95 GHz

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Max Greater Circle Distances	(km)	327.03
Max Rain Scatter Distances	(km)	251.96
Max Interference Power Long Term	(dbW)	-140.60
Max Interference Power Short Term	(dbW)	-118.40
Rain Zone / Radio Zone		2 A

