

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	Winston Salem UHF	E5: Call Sign:	
E2: Contact Name:	Zach Reich	E6: Phone Number:	3363278699
E3: Street:	500 Wachovia	E7: City:	Winston Salem
E4: State:	5d4eac5fdbbd22008e0b75131f961915	E8: County:	Forsyth
		E9: Zip Code:	27101
E10: Area of Operation:	NC and nearby		
E11: Latitude:	36° 5' 22.9"		
E12: Longitude:	80° 14' 55.21"		
E13: Lat/Lon Coordinates are:	nad-27		
E14: Site Elevation (AMSL):	266		

If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement? If NO, provide a technical analysis showing compliance with two-degree spacing policy.	N/A
If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS) or if they operate in the Fixed Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	No

POINTS OF COMMUNICATION

Satellite Name:	
E21. Common Name: Babybird	E22. ITU Name:
E23. Orbit Location: SSO/NGSO	E24. Country: USA

Satellite Name: GHOS t 01-06 (S3139)	
E21. Common Name: Ghost Constellation	E22. ITU Name: GHOS t (S3139)
E23. Orbit Location: SSO/NGSO	E24. Country: USA

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
Winston Salem UHF	UHF System	2	M2 Antenna Systems	400CP30A	3.14	undefined at 0

E28. Antenna Id	E33/34. Diameter Minor/Major (meters)	E35. Above Ground Level (meters)	E36. Above Sea Level (meters)	E37. Building Height Above Ground Level (meters)	E38. Total Input Power at Antenna Flange (Watts)	E39. Maximum Antenna Height Above Rooftop (meters)	E40. Total EIRP for all carriers (dBW)
UHF System	0/0	8	274	6	0.07	2	5.25

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
UHF System	400.48 400.52	R	null	40K0G1D	0	0

E50. Modulation and Services

Digital

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
UHF System	401.49 401.51	R	null	20K0G1D	25.7	15.7

E50. Modulation and Services

Digital

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
UHF System	399.95 399.97	T	null	20k0g1d	5.25	-1.7397

E50. Modulation and Services

TTC

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R Mode	E46. Antenna Polarization (H,V,L,R)	E47. Emission Designator	E48. Maximum EIRP per Carrier (dBW)	E49. Maximum ERIP Density per Carrier (dBW/4kHz)
UHF System	400.025 400.045	T	null	20k0g1d	5.25	-1.7397

E50. Modulation and Services

TTC

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
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UHF System	Non-Geostationary	400.48 400.52	0 / 0	0 / 360	0 / 90	0
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UHF SystemNon-Geostationary399.95

399.970 / 00 / 3600 / 90-999UHF SystemNon-Geostationary400.025

400.0450 / 00 / 3600 / 90-999UHF SystemNon-Geostationary401.49

401.510 / 00 / 3600 / 900

REMOTE CONTROL POINT LOCATION

E61. Call Sign: undefined		E65. Phone Number: undefined	
E62. Street Address: undefined			
E63. City: undefined	E67. County: undefined	E64/68. State/Country: undefined / undefined	E66. Zip Code: undefined

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