

TAAC Conference Frequency STA Request Info

UAS Manufacturer & Name	Frequencies	Emission	Pwr Out	Make/Model Transceiver	Tranmitter Type - Purpose	Antenna Type/Gain UA/GCS
AeroVironment Raven UAS	1755-1850 MHz	14M8F9W	1.5 W	VNTXL-2A/SC232 Video/Telemetry, Tx	FM Video and Telemetry DownLink	Dipole/Vertical/ 2.2 dBi
	350-399.9 MHz	15K6F1D	2 W	AeroVironment modified Par No 55017 & 55008 Uplink Transmitter	Digital FM Communication Uplink	Dipole/Vertical/ 2.2 dBi
AeroVironment Wasp III UAS	1755-1850 MHz	14M8F9W	1.5 W	VNTXL-2A/SC232 Video/Telemetry, Tx	FM Video and Telemetry Downlink	Dipole/Vertical/ 2.2 dBi
	350-399.9 MHz	15K6F1D	2 W	AeroVironment modified Par No 55017 & 55008 Uplink Transmitter	Digital FM Communication Uplink	Dipole/Vertical/ 2.2 dBi
AirRobot US, Inc.	225-228.1875 MHz	28K00F1N	2 W	BMS Inc. CT4520	Digital Uplink	Dipole (Omni)/ Vertical/Linear/ 3 dB Omni
	4500.0-4900.0 MHz	8M00X7D	100 mW	BMS Inc. CT4520	Digital Downlink	Dipole (Omni)/ Vertical/Linear/ 3 dB Omni
Micro Air Vehicle (MAV)/T-Hawk	1350-1390 MHz (Approved 1370 - 1390 MHz)	300KF1D (fast) and 41KF1D (slow)	1 W	Microhard Systems MHX1320	FM	Dipole, 1/2 wave/ Vertical/ 2 dBi
	4400-5000 MHz	2M44W7D	100 mW	DTC Communications PD2-TX-100-C	PSK Comm. Microwave transmitter	Dipole, 1/2 wave/ Vertical/ 2 dBi

	1700-1880 MHz	18M0F9W	0.003 W, 2.0 W	L3 Comm VNTXL- 2A/SCDC/R/DP/GPS	FM	Dipole/ Vertical/ 4.6 dBi
	1370 -1390 MHz	300KF1D 25K0F1D	0.97	Microhard Systems MHX1320	FM	Dipole, 1/2 wave/ Vertical/ 2 dBi
	1736-1848 MHz	18M0F9W	3.52	L3 Comm VNTXL- 2A/SCDC/R/DP/GPS	FM	Dipole/ Vertical/ 4.6 dBi
	4400 -4700 MHz			DTC Communications PD2-TX-100-C	PSK Comm. Microwave transmitter	Dipole, 1/2 wave/ Vertical/ 2 dBi

Band Width	JF 12 #	FCC Experimental Permit #
1710 MHZ, 57 channels in 2.5 MHz steps	8252	
4 preset channels within a 10 MHz band.	8057	
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34 Khz		
25 MHzFirst channel 4500 MHz in 1 MHz increments		
1350-1390 MHz w/ <50 Hertz increments	09389	
4400 MHz, 100 KHz increments	08337	

2.5 MHz BW 1700-1880 MHz, 100 KHz increments	08337	
1350-1390 MHz w/ <50 Hertz increments		009-EX-ML-2009
1700-1880 MHz, 100 KHz increments		009-EX-ML-2009
4400 MHz, 100 KHz increments		009-EX-ML-2009