

Narrative Response: Reference Number 54044

Manassas (PRINCE WILLIAM), VA: 5 km radius centered on NL 38-43-30; WL 77-31-00, fixed ground station (equipment: TRG6036)

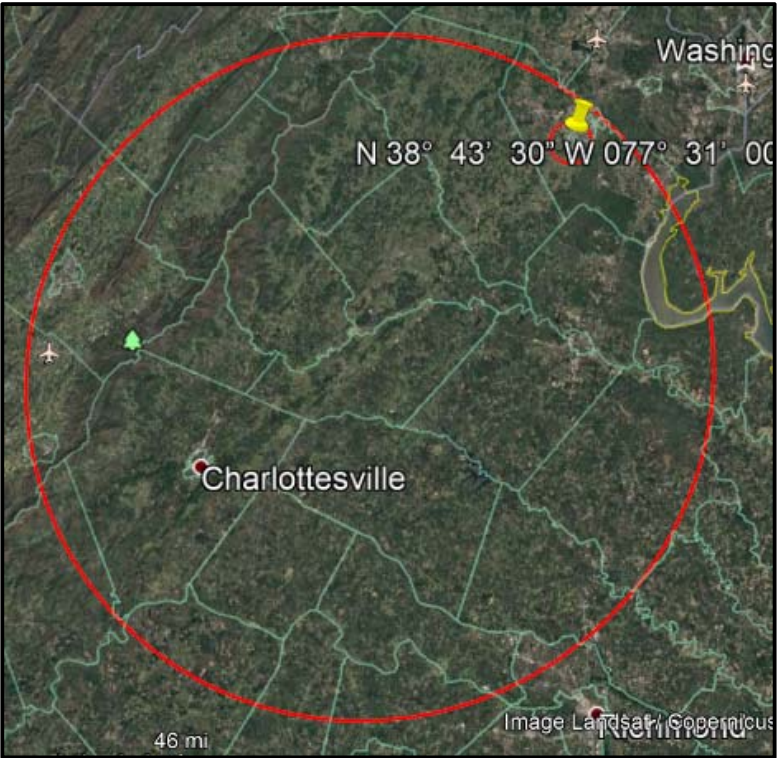
FREQUENCY	STATION CLASS	EMISSION DESIGNATOR	AUTHORIZED POWER
31.5 to 32.9 MHz	FX	16K0F3E	20 W (ERP)
49.6 to 49.99 MHz	FX	16K0F3E	20 W (ERP)
75.7 to 76.00 MHz	FX	16K0F3E	20 W (ERP)
147.75 to 147.95 MHz	FX	16K0F3E	20 W (ERP)
171.00 MHz	FX	16K0F3E	20 W (ERP)
226.25 MHz	FX	6K00A3E	20 W (ERP)
390.25 MHz	FX	6K00A3E	20 W (ERP)

AERO MOBILE: Orange, VA: Airborne max altitude 5,000 ft. MSL, within 80 km, centered around NL 38-14-50; WL 78-02-44; (equipment: TRA6036)

FREQUENCY	STATION CLASS	EMISSION DESIGNATOR	AUTHORIZED POWER
31.5 to 32.9 MHz	MO	16K0F3E	5 W (ERP)
49.6 to 49.99 MHz	MO	16K0F3E	5 W (ERP)
75.7 to 76.00 MHz	MO	16K0F3E	10 W (ERP)
147.75 to 147.95 MHz	MO	16K0F3E	10 W (ERP)
171.00 MHz	MO	16K0F3E	10 W (ERP)
226.25 MHz	MO	6K00A3E	10 W (ERP)
390.25 MHz	MO	6K00A3E	10 W (ERP)

Narrative: This experimental authorization will be used for ground and flight testing of the aircraft-mounted Thales TRA6036 VHF/UHF Transceiver. The ground station transceiver will be the Thales TRG6036. These tests will be infrequent and of short duration (under 5 minutes at a time) for the purpose of EMI/EMC testing, and for proof-of-operation for the airborne installation.

The program associated with this request is a direct commercial sale to a foreign customer. There is no USG sponsor for this program. AFS requires the use of military UHF aeronautical frequency allocations for brief testing of equipment operation since the aircraft will be delivered to the end user with operating capability in the 225 to 399 MHz frequency range.



EXPERIMENTAL LICENSE OPERATING RADIUS: 80 km
airborne; 5 km fixed

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