

PUMA-AE COMMUNICATION

1. Operating Frequencies

The Puma-AE Air Vehicle is equipped with eight channels to allow multiple systems to operate in proximity (though it is recommended that systems operate no closer than 400 m to one another; see for more information on operating multiple systems in close proximity). Local spectrum allocation should always be coordinated prior to using any of the operational frequencies. Generally, channels 1-4 are for use in CONUS locations, while channels 5-8 are intended for use OCONUS.

Channel	Uplink Frequency MHz	Downlink Frequency MHz	Filter Configuration
1	395.000	1787.5	By-pass
2	395.050	1810.0	By-pass
3	395.100	1840.0	By-pass
4	394.950	1760.0	By-pass
5	371.750	1717.5	In-line
6	372.950	1737.5	In-line
7	378.150	1752.5	In-line
8	384.750	1777.5	In-line