

Overall: ANY COORDINATION CAN BE DONE WITH ANY FREQUENCY, POWER AND HEIGHT

FCC Classifies Modem that TX/RX as mobiles

Following frequencies are allocated by the FCC for DATA primary with VOICE secondary. around a set of coordinates (MODEM MUST always be used in the same City or County) These frequencies are specifically for LOW POWER units - so SATEL modems are perfect FCC allows 6 watts ERP with antenna no higher then 20 feet above ground

Anything outside of the above would dictate licensing to the General Business frequencies:

When considering these data channels end user may want to consider licensing 5 of the channels programmed into their modems. This would help if congestion is on a particular channel. Satel modems may require the FCS (Free Channel Scan) to be "ON" in specific situations.

Country&Author	Frequency1	Frequency2	Spacing	TX Power
United States	462,2125 MHz	467,2125 MHz	12,5kHz	6W ERP
www.fcc.gov	462,2375 MHz	467,2375 MHz	12,5kHz	6W ERP
	462,2625 MHz	467,2625 MHz	12,5kHz	6W ERP
	462,2865 MHz	467,2875 MHz	12,5kHz	6W ERP
	462,3125 MHz	467,3125 MHz	12,5kHz	6W ERP
	462,3375 MHz	467,3375 MHz	12,5kHz	6W ERP
	462,3625 MHz	467,3625 MHz	12,5kHz	6W ERP
	462,3875 MHz	467,3875 MHz	12,5kHz	6W ERP
	462,4125 MHz	467,4125 MHz	12,5kHz	6W ERP
	462,4375 MHz	467,4375 MHz	12,5kHz	6W ERP

Following frequencies are allocated by the FCC as "ITINERANT FREQUENCIES". End user require coordinates as they can be licensed for WIDE AREA USE, STATEWIDE OR NATIONAL Again , designed for low power , with a maximum ERP of 6 watts and antenna height no higher than 20 feet above ground

Anything outside of the above would dictate licensing to the General Business frequencies:

Country&Author	Frequency1	Frequency2	Spacing	TX Power
United States	461,0375 MHz	466,0375 MHz	12,5kHz	6W ERP
http://www.fcc.gov	461,0625 MHz	466,0625 MHz	12,5kHz	6W ERP
	461,0875 MHz	466,0875 MHz	12,5kHz	6W ERP
	461,1125 MHz	466,1125 MHz	12,5kHz	6W ERP
	461,1375 MHz	466,1375 MHz	12,5kHz	6W ERP
	461,1625 MHz	466,1625 MHz	12,5kHz	6W ERP
	461,1875 MHz	466,1875 MHz	12,5kHz	6W ERP
	461,2125 MHz	466,2125 MHz	12,5kHz	6W ERP
	461,2375 MHz	466,2375 MHz	12,5kHz	6W ERP
	461,2625 MHz	466,2625 MHz	12,5kHz	6W ERP
	461,2875 MHz	466,2875 MHz	12,5kHz	6W ERP
	461,3125 MHz	466,3125 MHz	12,5kHz	6W ERP
	461,3375 MHz	466,3375 MHz	12,5kHz	6W ERP
	462,8625 MHz	467,8625 MHz	12,5kHz	6W ERP

	462,8875 MHz	467,8875 MHz	12,5kHz	6W ERP
	462,9125 MHz	467,9125 MHz	12,5kHz	6W ERP
	464,4875 MHz	469,4875 MHz	12,5kHz	6W ERP
	464,5125 MHz	469,5125 MHz	12,5kHz	6W ERP
		469,5375 MHz	12,5kHz	6W ERP

GENERAL INFORMATION:

Approximately \$100-\$170
7-10 work days to process
Frequencies would be lice
FBT/Temporary fixed base
FB/Permanent fixed base
MO / Mobile, Modem (alw

Note: Every time you add
End user would want to pr

		D-GPS Machine	
		D-GPS Machine	
		D-GPS Machine	
		D-GPS Machine	
		D-GPS Machine	

per end user for license (Good for 10 years)
s - usually can use units 3 days upon license process completion
nsed as follows:
e (Usually Itinerant)

ays state more than you need)

l units to your license - you will need to modify your license.
roject their total units for 10 years.