|  |
| --- |
| Touch Points and Tension Points - Your Personal Pension Plan - now to 2030 |
| UHF Sub 1 GHz | L Band | S band | C Band | X Band | Ku- | K | Ka | V Band | E Band |
| 450 MHz | 600700800 | 900 | 1.6 GHz | 2 GHz | 2.3 GHz | 2.7 GHz | 3.4-3.8 | 5.6 GHz |  | 12 GHz | 18 GHz | 28 GHz | 50 GHz | 60 GHz | 71-76 | 77-81 | 82-87GHz | 92-95GHz |
| Band 31452-457LTE | Band 71600 MHz |  | Band 211447146214951510 | Band 1LTEFDD | Band 30LTE FDD2305231523502360 | Band 7LTE FDDLTE TDD | Band 22LTE FDDBands 42,43,48LTE TDD | ? |  | GSOMEOLEO | Feeder Links | GSOMEOLEO | GSOMEOLEO |  |  |  |  |  |
|  |  |  | IridiumGlobalstarLigadoSAS | InmarsatEAN | Globalstar |  | Satellite TV3.7-4.2 GHz |  | Military radar and radio | Military radar and radioSAT TV | Military radar and radioSAT TV18.1318.819.720.2 | P to PB/haul |  |  |  | ShortMediumLongRangeAutoRadar76-77 |  |  |
| 5G Refarm | 5GRefarm | 5GRefarm | 5GRefarmAWS1.8 GHz1.9 GHz | 5GRefarm | 5G Refarm | 5GRefarm | 5GRefarm | 5GNew |  | 5G New | 5G New | 5G New | 5G New | 5G New | 5G NewFDD |  | 5G NewFDD | 5G NewTDD |
| PMSE |  | ISM902-928  | GPS |  | 2.4 GHzWi-Fi |  |  | 5 GHz Wi-Fi+802.11p |  |  |  |  |  | 60 GHzWi-Fi |  |  |  |  |
|  |  |  |  |  |  | Long RangeWeatherRadar300 kmHeavyRain27002900  |  | MediumRange WeatherRadarLightRain52505725 | ShortRange WeatherRadarLightRain93009500  |  |  |  |  |  |  |  |  |  |
| Channel Raster and pass band |
| 25 KHzPMSE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 MHzLTE | 10 MHzLTE | 10 MHzLTE | 10 MHzLTE | 20 MHzLTE | 10 MHzLTE | 20 MHz | 20 MHz | 100 MHz |  | 250MHz |  | 250MHz | 500MHz | 1 GHz | 1 GHz | 1 GHz | 1 GHz | 1+2 GHz |
| 5 | 10-45 |  | 75 | 75 | ? | 75 | 400 | ? |  | 2 GHz | 2 GHz | 3.5 | 3.5 | 3.5 | 5 |  | 5 | 3 |