**S-PolKa Fixed Parameter List**

|  |  |  |  |
| --- | --- | --- | --- |
| Project: | **DYNAMO** | Begin/End Dates | **01-Oct-2011**  **To 15-Jan-2012** |
| Site Name: | **Gan, Maldives** | Time Zone for Data | **UTC** |
| Radar/Processor | **S-PolKa/Hawk** |  | |
| Processor Code Ver. |  | Site Latitude |  |
|  | | Site Longitude |  |
| Site Elevation |  |
|  | | | |
| **S-Band** | | **Ka-Band** | |
| Wavelength (cm) |  | Wavelength (cm) |  |
| Frequency (MHz) |  | Frequency (MHz) |  |
| PulseWidth (nanosec) |  | PulseWidth (nanosec) |  |
| H-V Tx Phase Offset |  |  | |
|  | |
| PRT1 (msec) |  | PRF1 (Hz) |  |
| PRT2 (msec) |  | PRF2 (Hz) |  |

**Nominal Operating Values**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **S-Horiz** | **S-Vert** | **Ka-Horiz** | **Ka-Vert** |
| Antenna Beamwidth (deg) |  |  |  |  |
| Transmit Power (dBm) |  |  |  |  |
| Receiver Gain (dB) |  |  |  |  |
| System Gain (dB) |  |  |  |  |
| Radar Constant (dBZ) |  |  |  |  |
| Test Pulse Power (dBm) |  |  |  |  |
| Test Pulse Freq (MHz) |  |  |  |  |
| Receiver Bandwidth (MHz) |  |  |  |  |
| Rec’r Noise Power (dBm) |  |  |  |  |