

MLV3213

CSA952

210 52

RF 13 Radio Station:

- Coverage for
 - voice mode up to 8 km
 - data mode up to 5 km
- Frequency band 30,000 to 87,975 MHz
- Operation time period
 - using vehicle power supply unlimited
 - using NiCd battery pack at least 14 hrs (Tx:Rx:standby ratio = 1:1:10)
- Operation temperatures -30°C to + 60°C
- Signalling rate >2400 bit/s

GP 300 Hand-Held Radiostation:

- Range 500 m to 3000 m
- Band VHF/UHF

GPS:

- Position accuracy <10 m (WGS 84)

System parameters:

- System starting
 - 1st initialization up to 5 min
 - re-initialization up to 2 min
- Targer capacity up to 10
- Radar data update rate <15s

Employment:

The MANPADS battery commander (of SA 16 GIMLET, SA 18 GROUSE missiles) is equipped with TDS for cooperation with ASTRA AD mobile command post (MCP). MANPADS battery represents a component of GBAD system consisting of a commander and 2 (3) gunners. ASTRA AD MCP is capable of controlling up to 9 fire units. TDS equipment (portable version) can optionally be mounted on an armoured vehicle. The TDS, incl. external battery pack has been installed in the OT-90 armoured vehicle for increasing the commander operational capabilities within the ASTRA AD system. The OT-90 missile pod can hold up to 10 SAMs.

References

Development of Tactical Data Set of the MANPADS battery commander for the Slovak Armed Forces was completed in 2001.

