

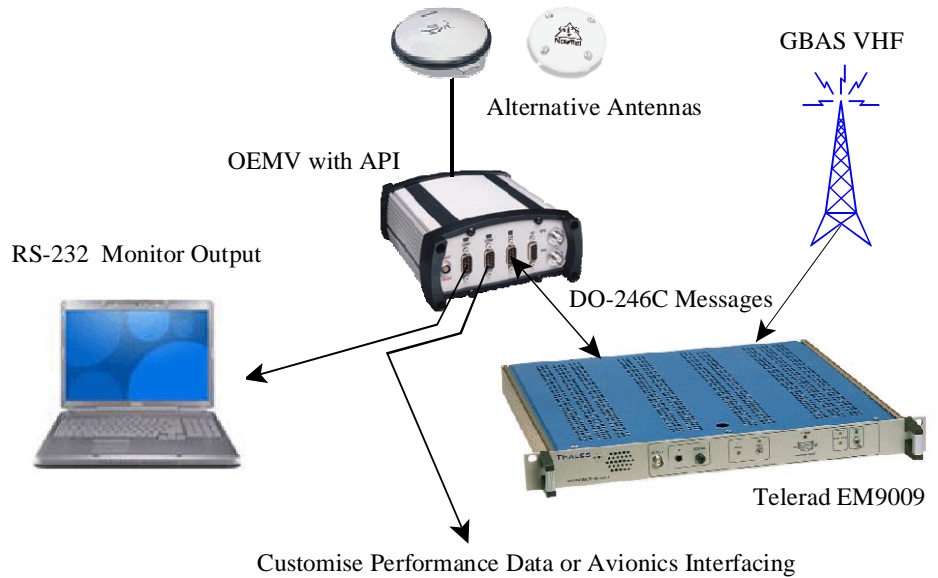
GNSS Multi Modal Receiver



Airborne Or Static Aviation GNSS VHF Monitoring..!!

Operational Features:

- Fully RTCA DO-246 (1,2 &4) compliant , 8 slots selectable.
- Deployable as a Static Monitor for continuous ground analysis.
- Deployable as Dynamic Monitor for flight survey Post Process.
- Cost effective high quality commercial components..
- Incorporates NovAtel OEMV3 precision GNSS technology.
- Direct interface to Telerad EM9009 D8PSK Receiver.
- Win XP Real Time out put performance/ parameter displays.
- WinXP Secure application for operator pre-mission configure.
- Flexible architecture supporting specific customizations as required.



Overview:

For both advance and post certified GBAS ground system installation, ongoing GNSS signal propagation and performance monitoring is essential for reduced flight certification operations. The GNSS Multi Modal Receiver (GMMR) is designed as a highly reliable, adaptable low cost Airborne or Ground monitoring solution for continuous reception of VHF GBAS signal transmissions. The GMMR delivers an extensive variety of processed D-GPS navigation and statistical outputs while being highly adaptable for interfacing to bulk data storage, UDP internet transfers, etc.

Using industry leading NovAtel OEMV Receivers loaded with specialized internal firmware, GMMR directly controls Telerad RE-9009A D8PSK VHF Receiver, while also differentially processing in real time incoming RTCA DO-246C messages, (GBAS Type 1,2,4 and GRAS Type 101).

Given its simplicity, (uncertified, no integrity, no redundancy), the GMMR delivers efficient GBAS signal monitoring. It can function as either reception solutions for either aircraft flight surveys (Post Processed GPS 2cm), or, servicing static ground monitoring roles by delivering continuous GBAS performance analysis 24 hours a day.

For further details on the GMMR customization options, please contact GPSat Systems engineering team.

Chan	RingSID	IOD	PRC	RRC	SignalPLI	B1	B2	B3	B4
1	13	0	-5.48	.001	.000	0	0	0	0
2	14	0	-4.20	.000	.000	0	0	0	0
3	17	0	-14.23	-.005	.000	0	0	0	0
4	20	0	-14.99	.006	.000	0	0	0	0
5	23	0	-6.56	.001	.000	0	0	0	0
6	24	0	-6.61	.000	.000	0	0	0	0
7	6	0	-12.12	.001	.000	0	0	0	0
8	7	0	-6.64	-.001	.000	0	0	0	0
9	10	0	-5.88	-.001	.000	0	0	0	0
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-

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