

# ALT-9000 AN/APN-209 Compatibility Errata

The AN/APN-209 is a widely used pulse-type radio altimeter (RADALT) providing precise above-ground-level (AGL) altitude data primarily fitted on military rotary aircraft. The APN-209 is currently being updated to a "Next Gen" version for better reliability and lower maintenance. VIAVI has done significant compatibility testing on various versions of the Honeywell AN/APN-209 and has identified test issues with a few of the fielded models as shown here:

RX/TX MODULE	P/N	Issue
RT-1115K/APN-209(V) NSN 5841-01-582-2320	HG7209CA04	May have difficulty locking at certain Low Range Altitudes
RT-1411C/APN-209 NSN 5841-01-547-5286	HG7210CA01	
	HG7209AD04	
	HG7210AC04	
NextGen APN-209 (RACC-209) Panel Mount	HG68907209-AA01	May lose lock during a simulated ramp; may lose lock at ~65'
NextGen APN-209 (RACC-209) Remote Mount	HG68907210-AA01	

VIAVI is working to address the above test issues but makes no commitment to full compatibility. Please check back with us as we are constantly updating and improving our product capabilities.

The following AN/APN-209 RADALT have been successfully tested with the ALT-9000 with no known test issues.

Altimeter Set	RX/TX MODULE	Honeywell P/N
AN/APN-209A(V) NSN 5841-01-099-1562	RT-1115A/APN-209(V) NSN 5841-01-096-8673	
AN/APN-209A(V)1 NSN 5841-01-098-4339		
AN/APN-209A(V)2 NSN 5841-01-099-1796		
AN/APN-209A(V)3 NSN 5841-01-114-6007		
AN/APN-209B(V)	RT-1115B/APN-209(V) NSN 5841-01-140-0941 or RT-1411/APN-209A(V) NSN 5841-01-140-1700	
AN/APN-209B(V)1 NSN 5841-01-141-8656		
AN/APN-209B(V)2 NSN 5841-01-147-1064		
AN/APN-209B(V)3 NSN 5841-01-145-9991		
AN/APN-209B(V)4 NSN 5841-01-156-0457		
AN/APN-209B(V)5 NSN 5841-01-216-9468		
AN/APN-209B(V)6 NSN 5841-01-245-9097		
AN/APN-209B(V)7 NSN 5841-01-245-9098		
AN/APN-209C(V)	RT-1115C/APN-209(V) NSN 5841-01-245-9090 or RT-1411/APN-209A(V) NSN 5841-01-140-1700	RT-1115C: HG7209AB04
AN/APN-209C(V)1 NSN 5841-01-248-7482		
AN/APN-209C(V)2 NSN 5841-01-245-9099		
AN/APN-209C(V)3 NSN 5841-01-245-9100		
AN/APN-209C(V)4 NSN 5841-01-245-9101		
AN/APN-209C(V)5 NSN 5841-01-245-9102		
AN/APN-209C(V)6 NSN 5841-01-245-9103		
AN/APN-209D(V)	RT-1115D/APN-209(V) NSN 5841-01-245-9091 or RT-1411A/APN-209(V) NSN 5841-01-245-9094	RT-1115D: HG7209AC01
AN/APN-209D(V)1 NSN 5841-01-245-9104		
AN/APN-209D(V)2 NSN 5841-01-245-9105		
AN/APN-209D(V)3 NSN 5841-01-245-9106		
AN/APN-209D(V)4 NSN 5841-01-245-9107		
AN/APN-209D(V)5 NSN 5841-01-245-9108		
AN/APN-209D(V)6 NSN 5841-01-245-9109		
AN/APN-209(V)7 NSN 5841-01-247-1145		
	RT-1115E/APN-209(V) NSN 5841-01-358-4138	
	RT-1115F/APN-209(V) NSN 5841-01-358-4139	
	RT-1115G/APN-209(V) NSN 5841-01-373-1414	
	RT-1115H/APN-209(V) NSN 5841-01-373-0253	HG7209AC02
	RT-1115J/APN-209(V) NSN 5841-01-421-4162	HG7209AD01
	RT-1411B/APN-209 NSN 5841-01-421-4161	HG7210AC01

Please contact Techsupport Avcomm if there are any questions at [Techsupport.avcomm@viavisolutions.us](mailto:Techsupport.avcomm@viavisolutions.us), or call 1-844-468-4284, Option 1 then option 5.