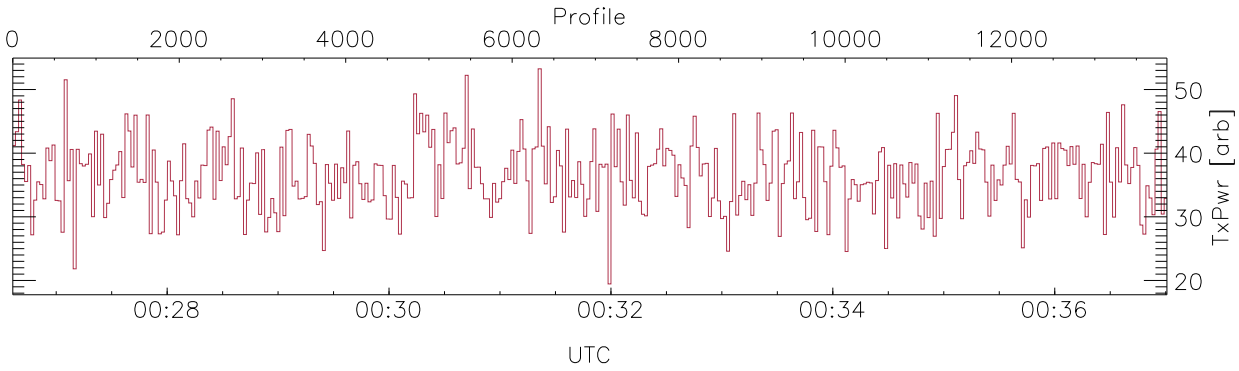
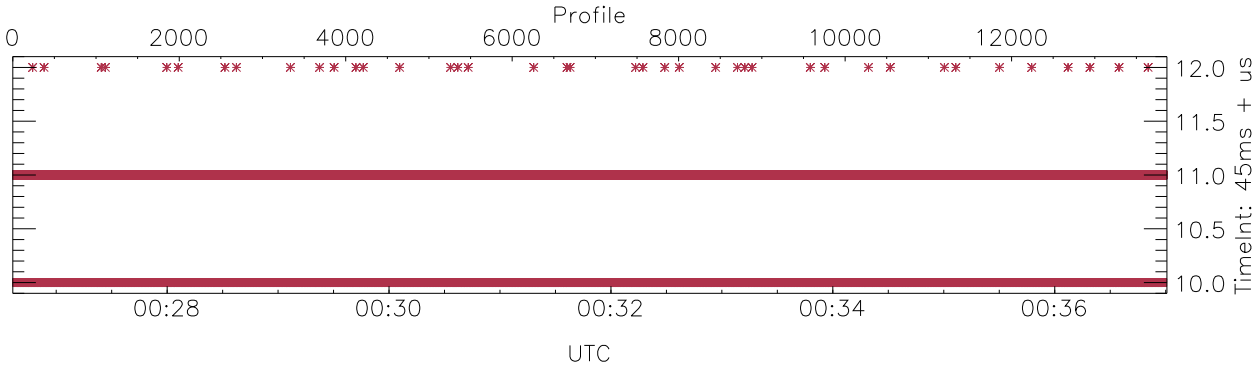
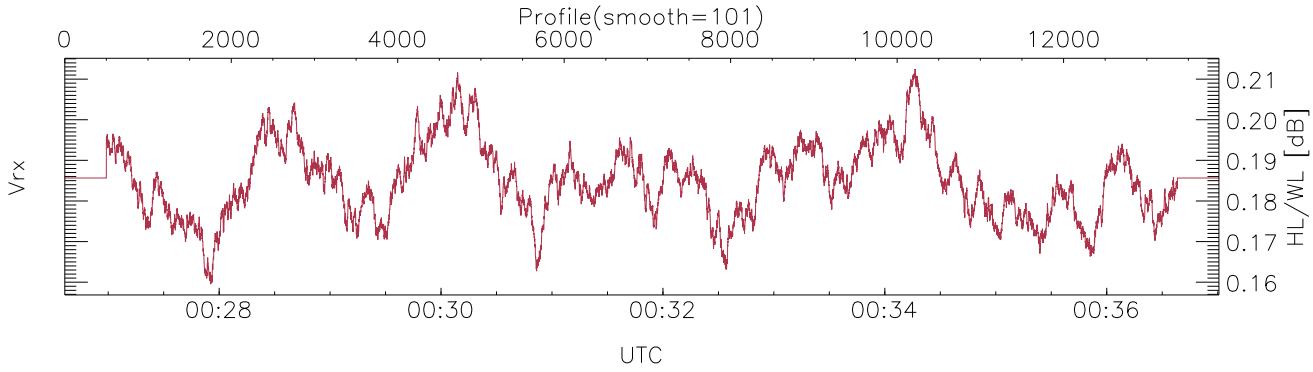
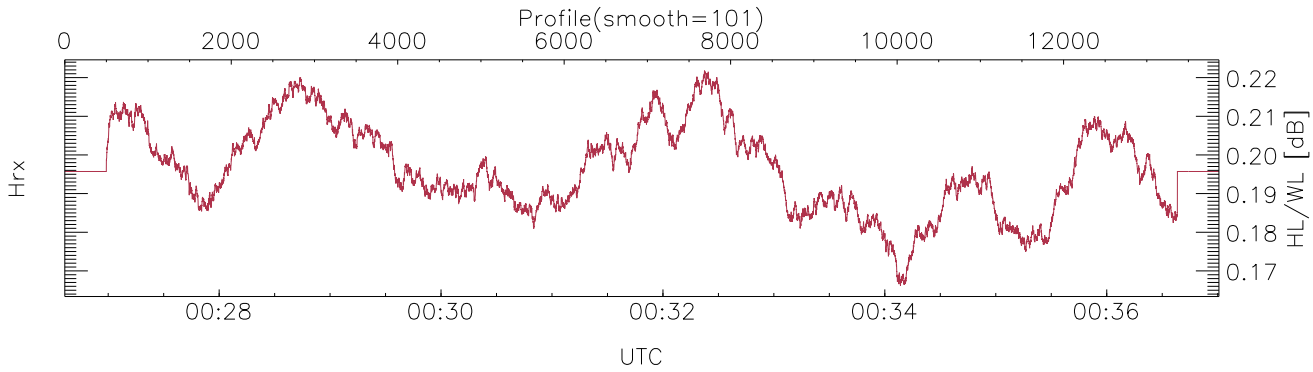


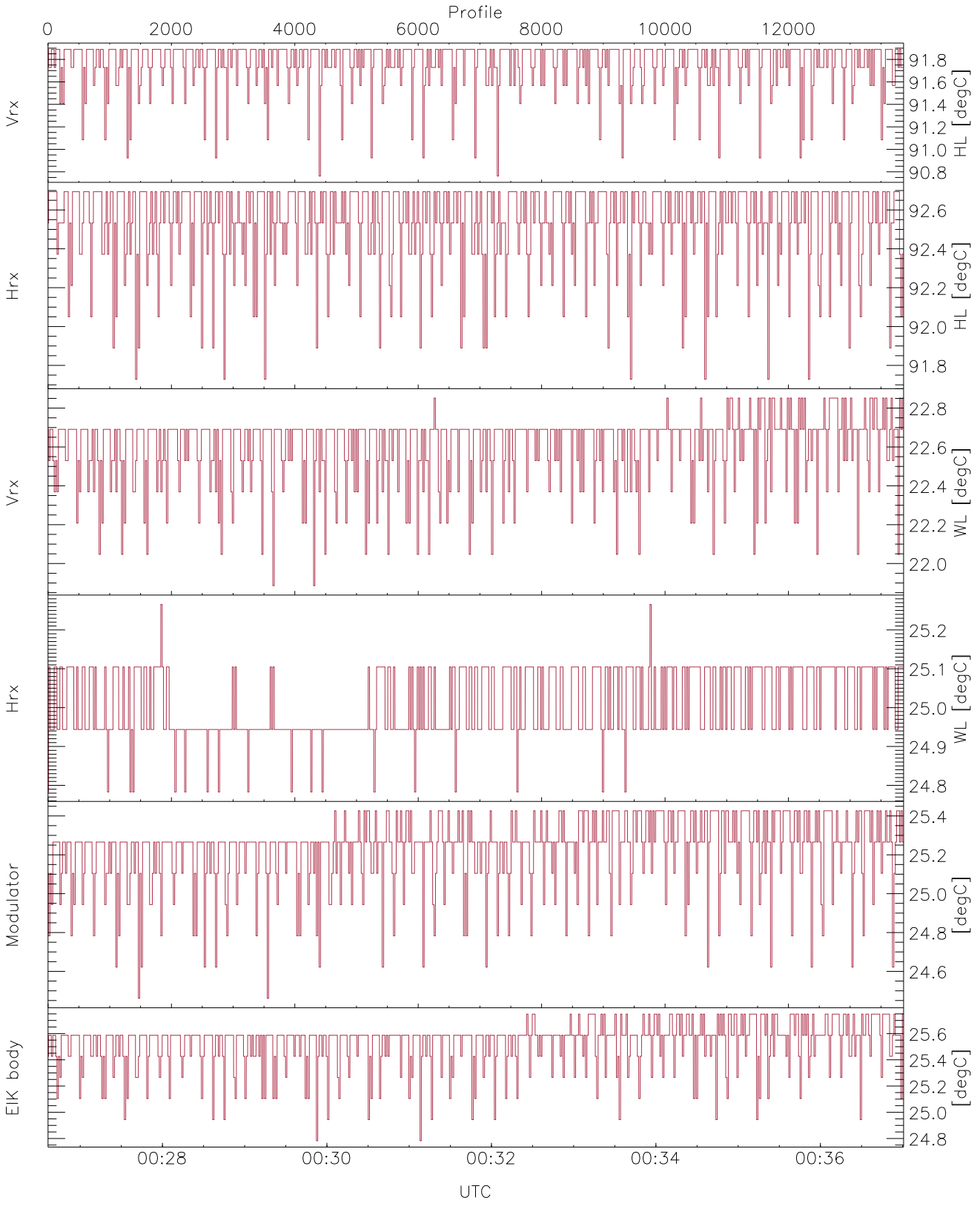






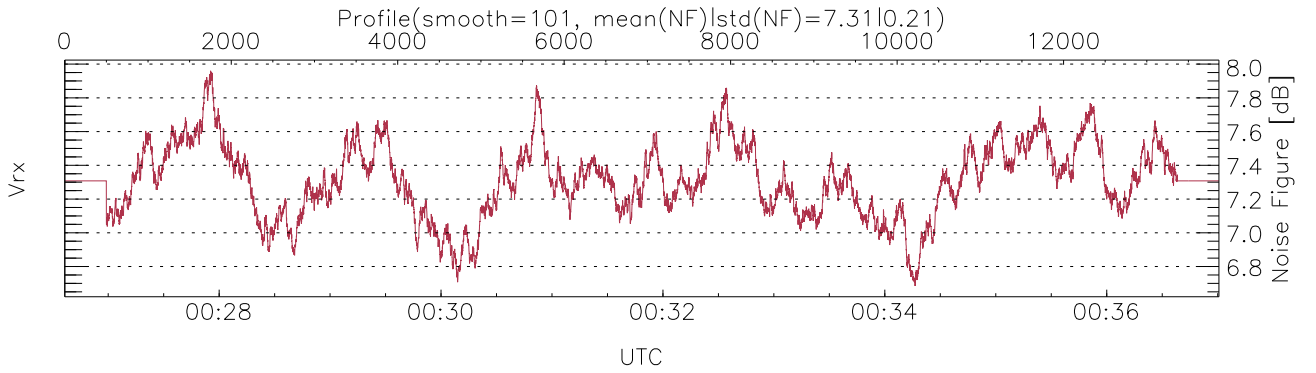
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

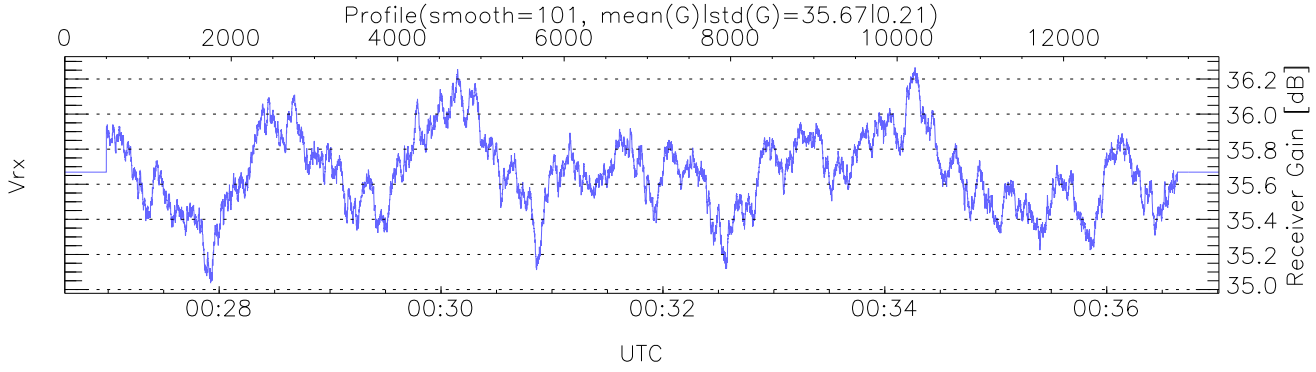
UTC: 00:26:37-00:37:01, TimeCor: 0.00s, Dur: 624.17s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 13868/13868, 0-13867/00:26:37-00:37:01
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

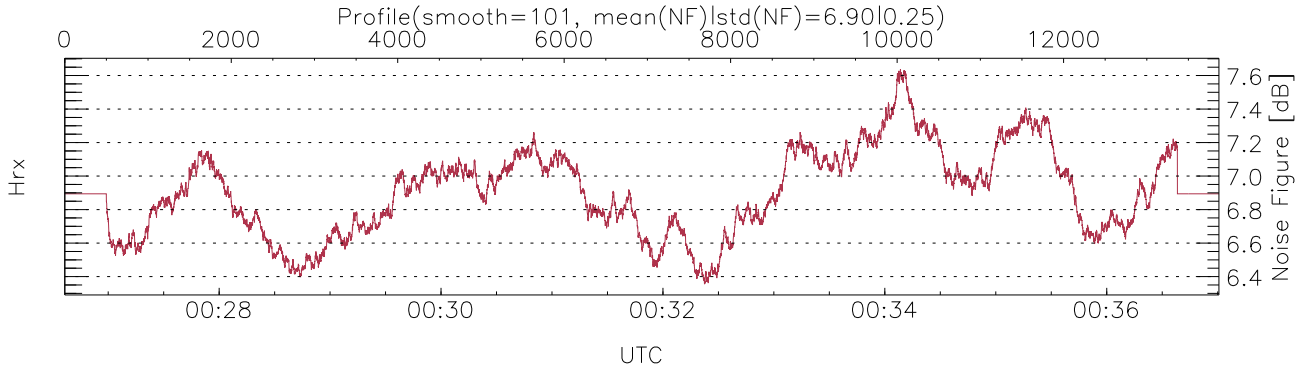


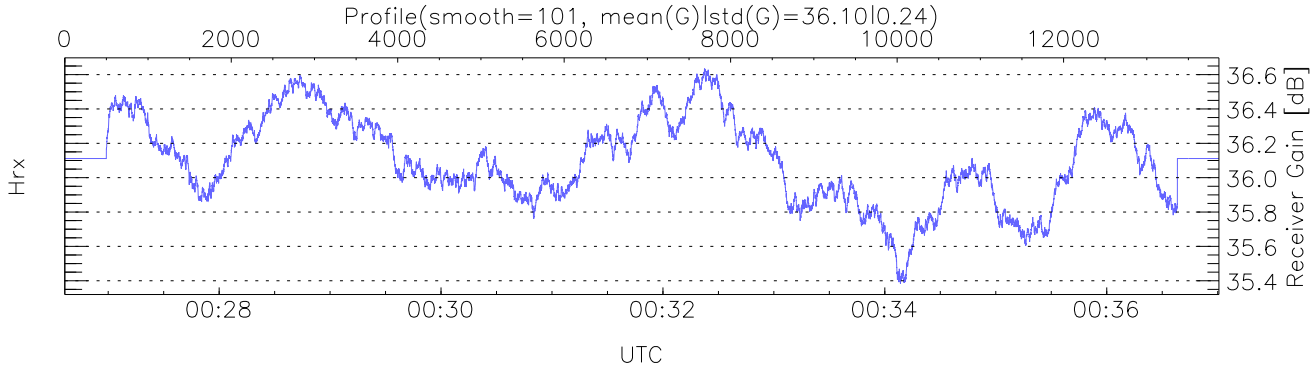
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,25,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



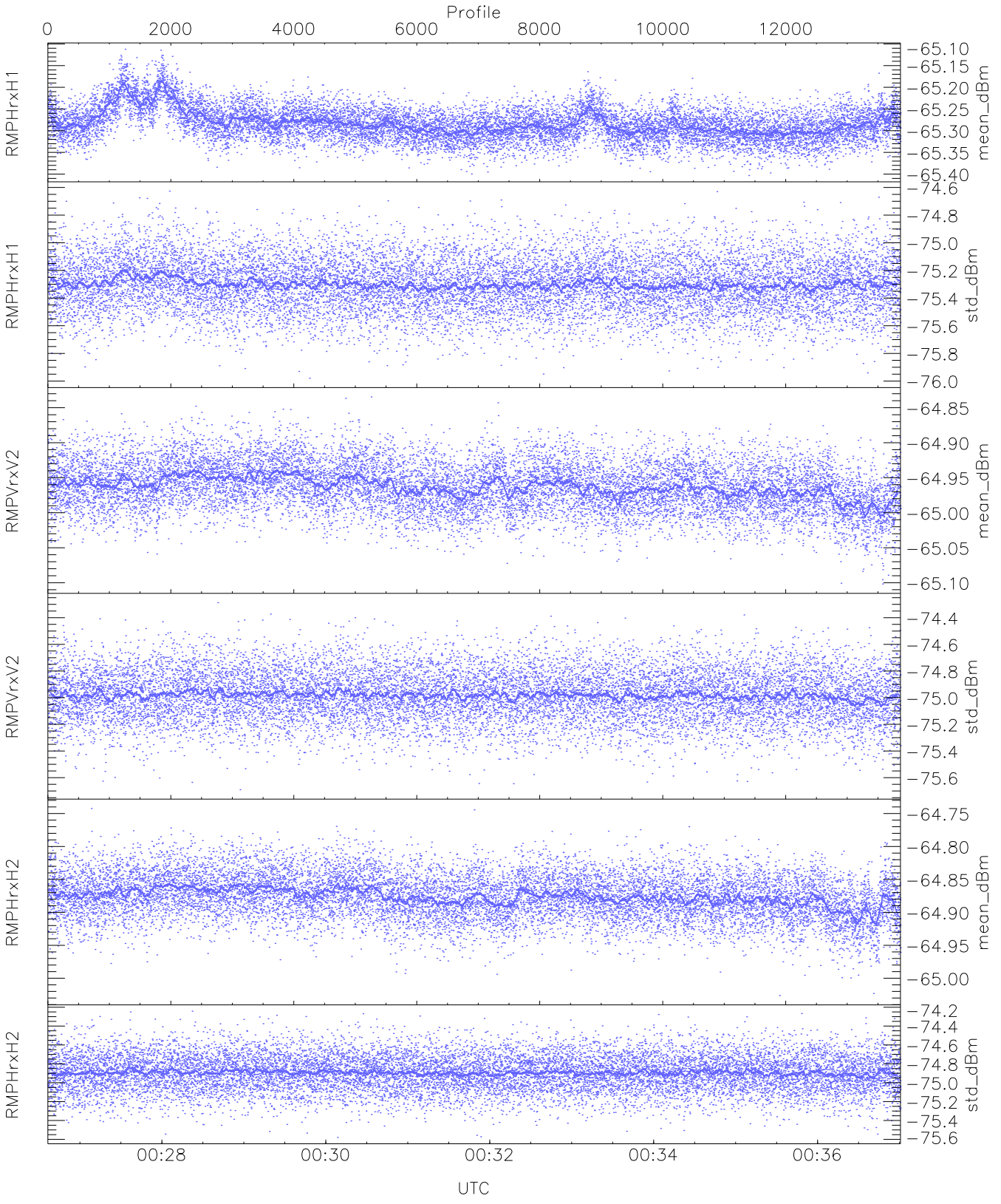






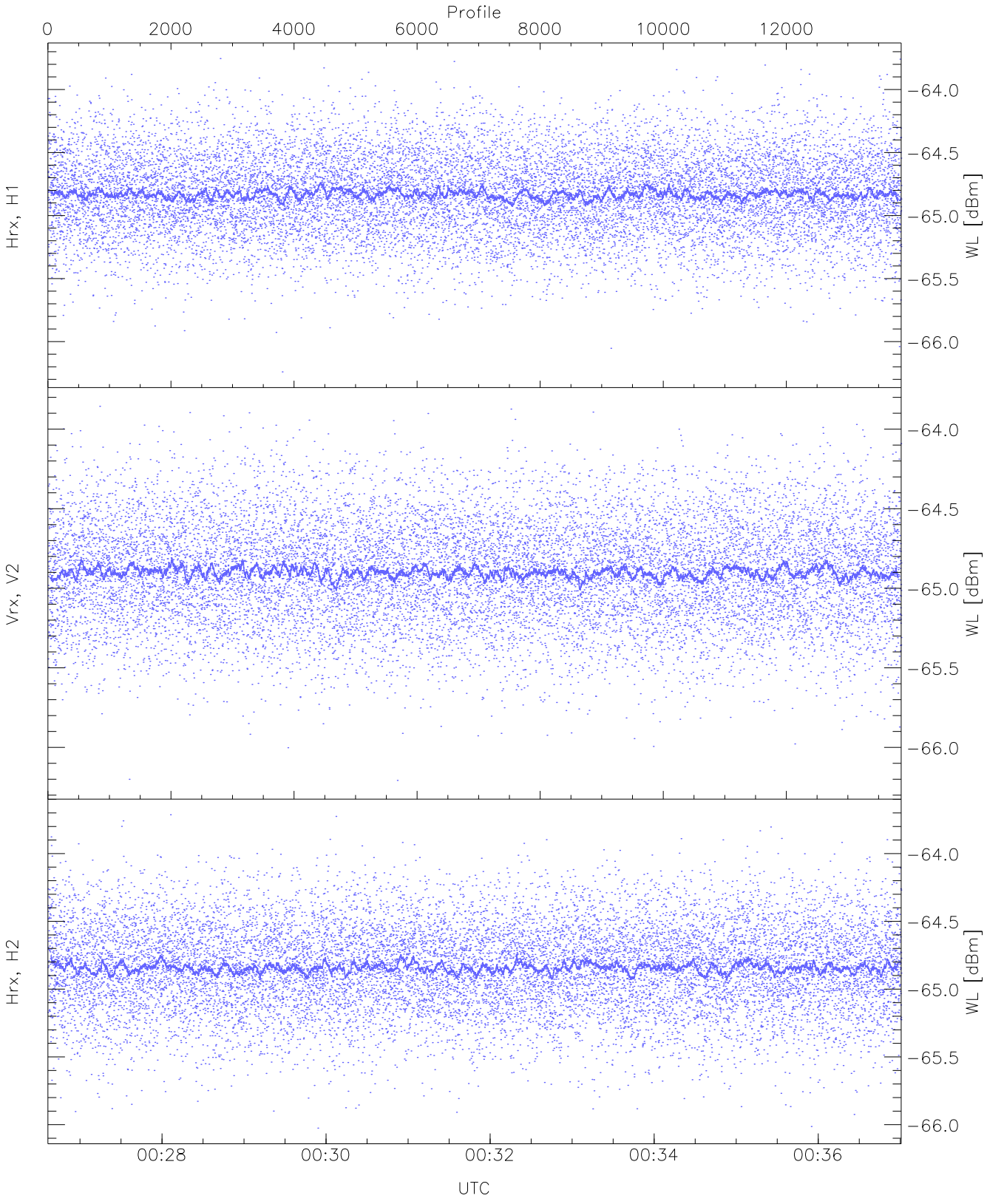
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 1 pixs, 1 gates, 1 profs, 1 prod(s)



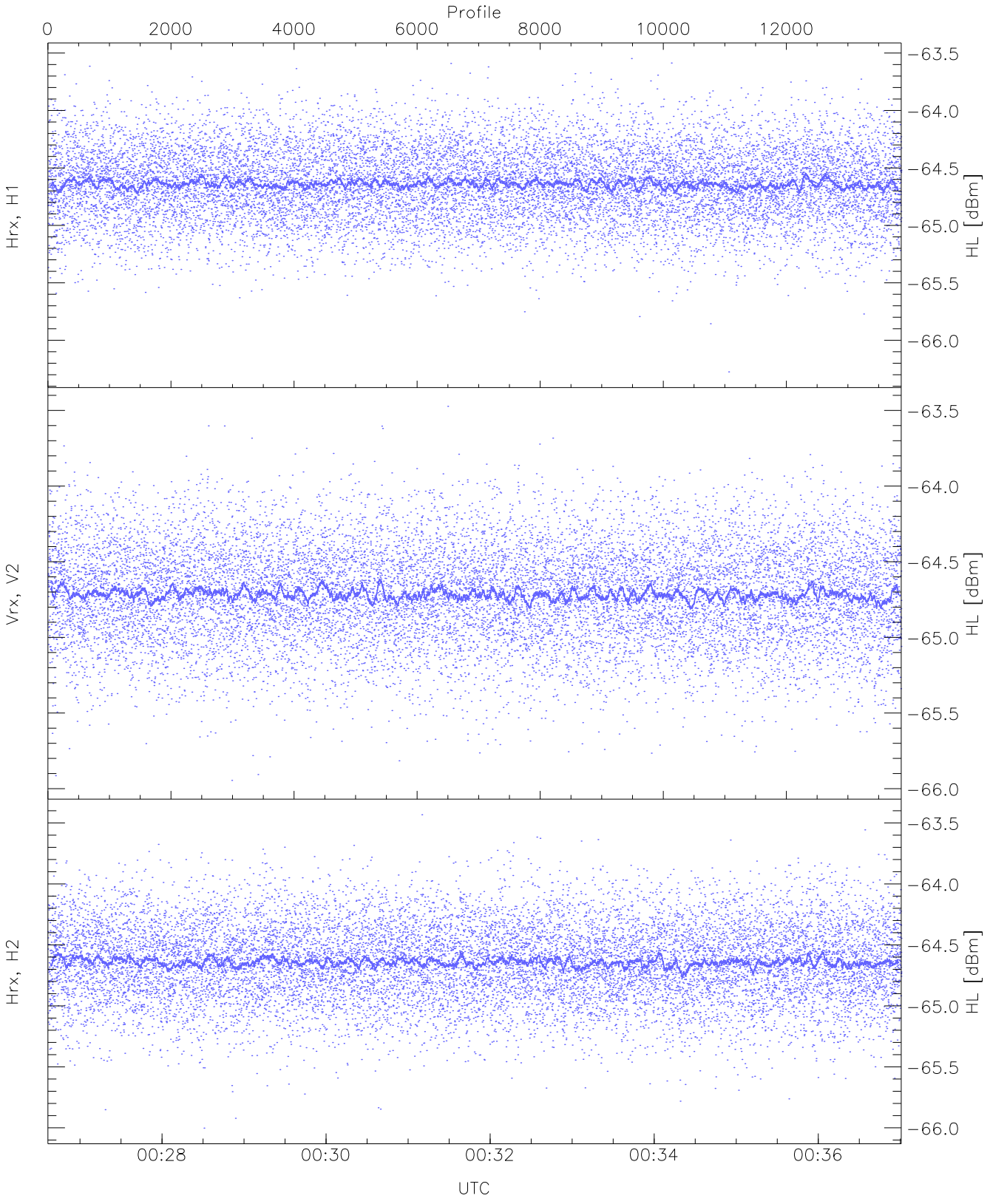
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.11	-65.28	-65.29	-85.82
RMPHrxH1(std_dBm)	-75.98	-74.63	-75.30	-75.30	-89.05
RMPVrxV2(mean_dBm)	-65.10	-64.83	-64.96	-64.96	-86.14
RMPVrxV2(std_dBm)	-75.69	-74.29	-74.98	-74.98	-88.80
RMPHrxH2(mean_dBm)	-65.03	-64.74	-64.88	-64.88	-86.13
RMPHrxH2(std_dBm)	-75.58	-74.24	-74.89	-74.89	-88.66



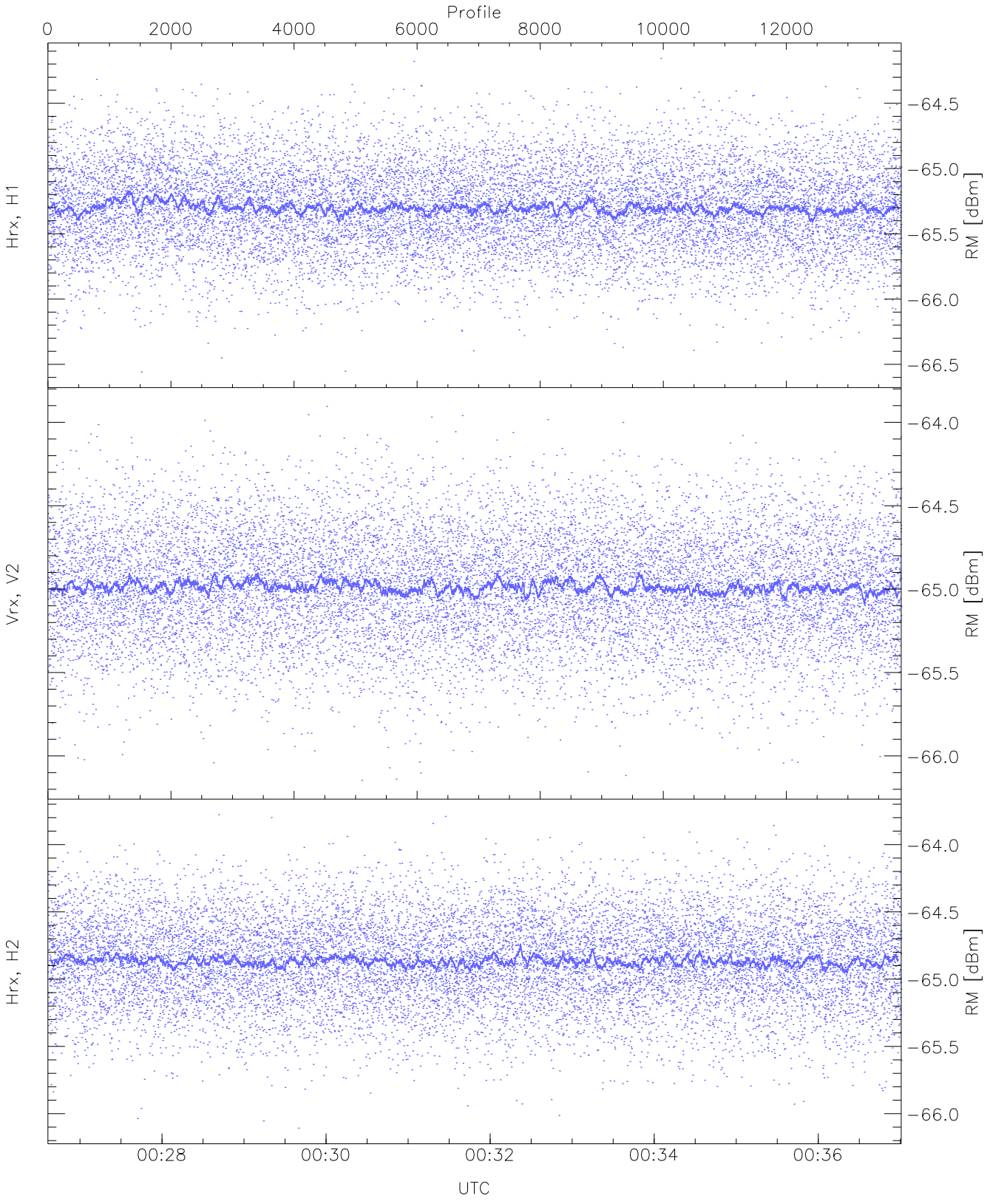
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.24	-63.75	-64.82	-64.83	-76.33
Vrx, V2(WL [dBm])	-66.21	-63.86	-64.89	-64.90	-76.39
Hrx, H2(WL [dBm])	-66.03	-63.71	-64.83	-64.84	-76.33



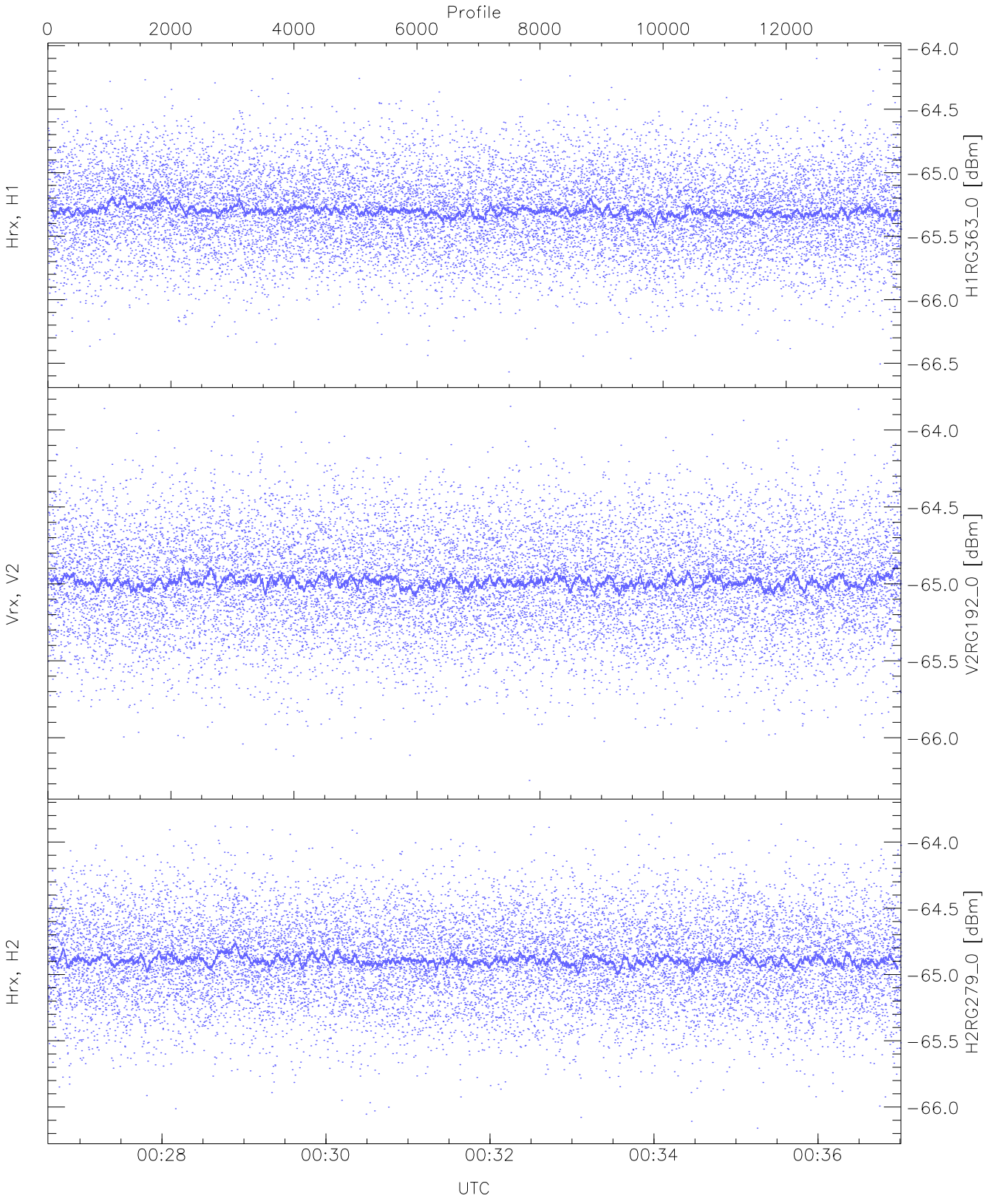
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.28	-63.55	-64.63	-64.64	-76.18
Vrx, V2(HL [dBm])	-65.95	-63.47	-64.71	-64.72	-76.21
Hrx, H2(HL [dBm])	-66.00	-63.43	-64.63	-64.64	-76.14



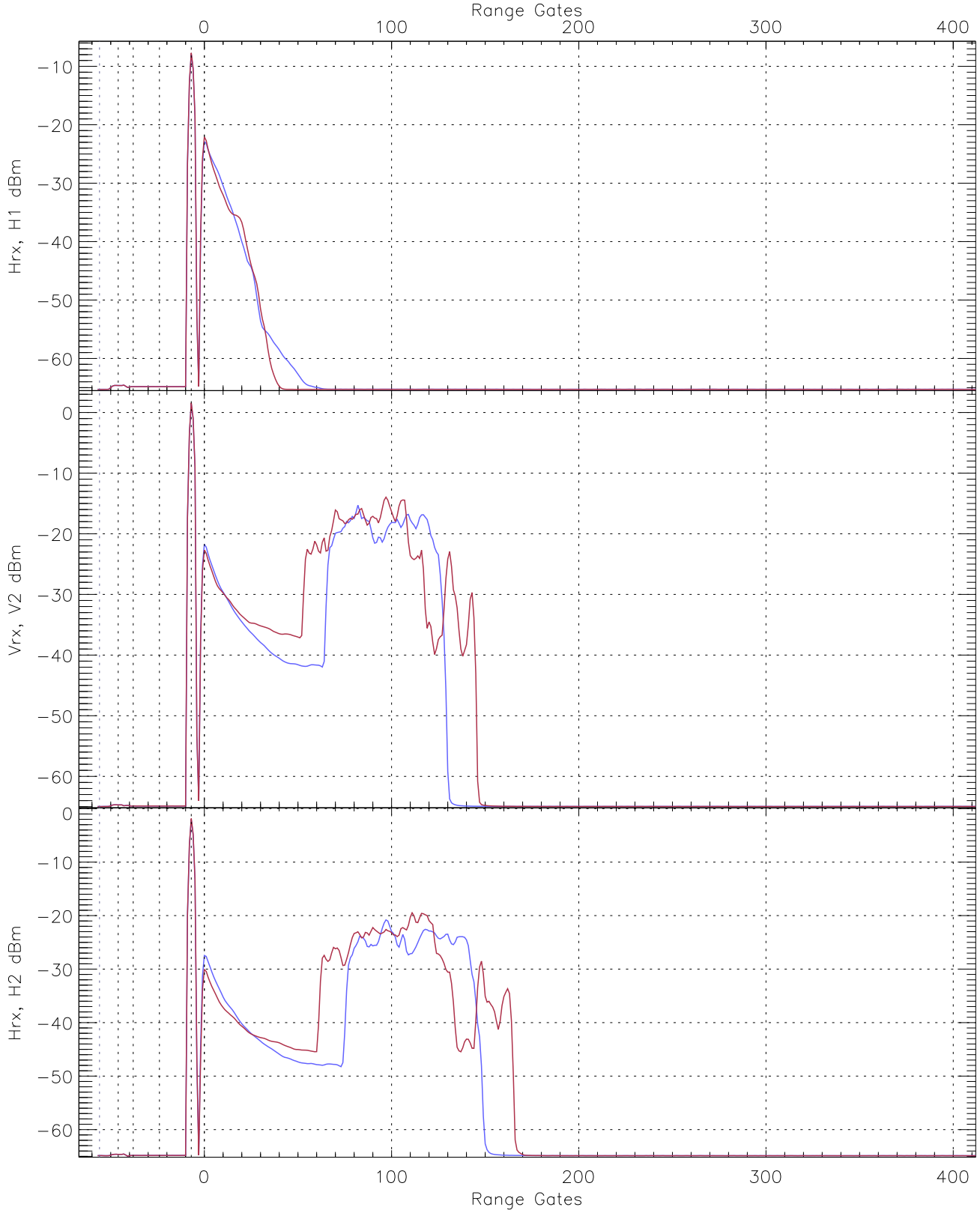
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.16	-65.29	-65.30	-76.79
Vrx, V2(RM [dBm])	-66.15	-63.90	-64.98	-64.99	-76.47
Hrx, H2(RM [dBm])	-66.11	-63.78	-64.86	-64.87	-76.36

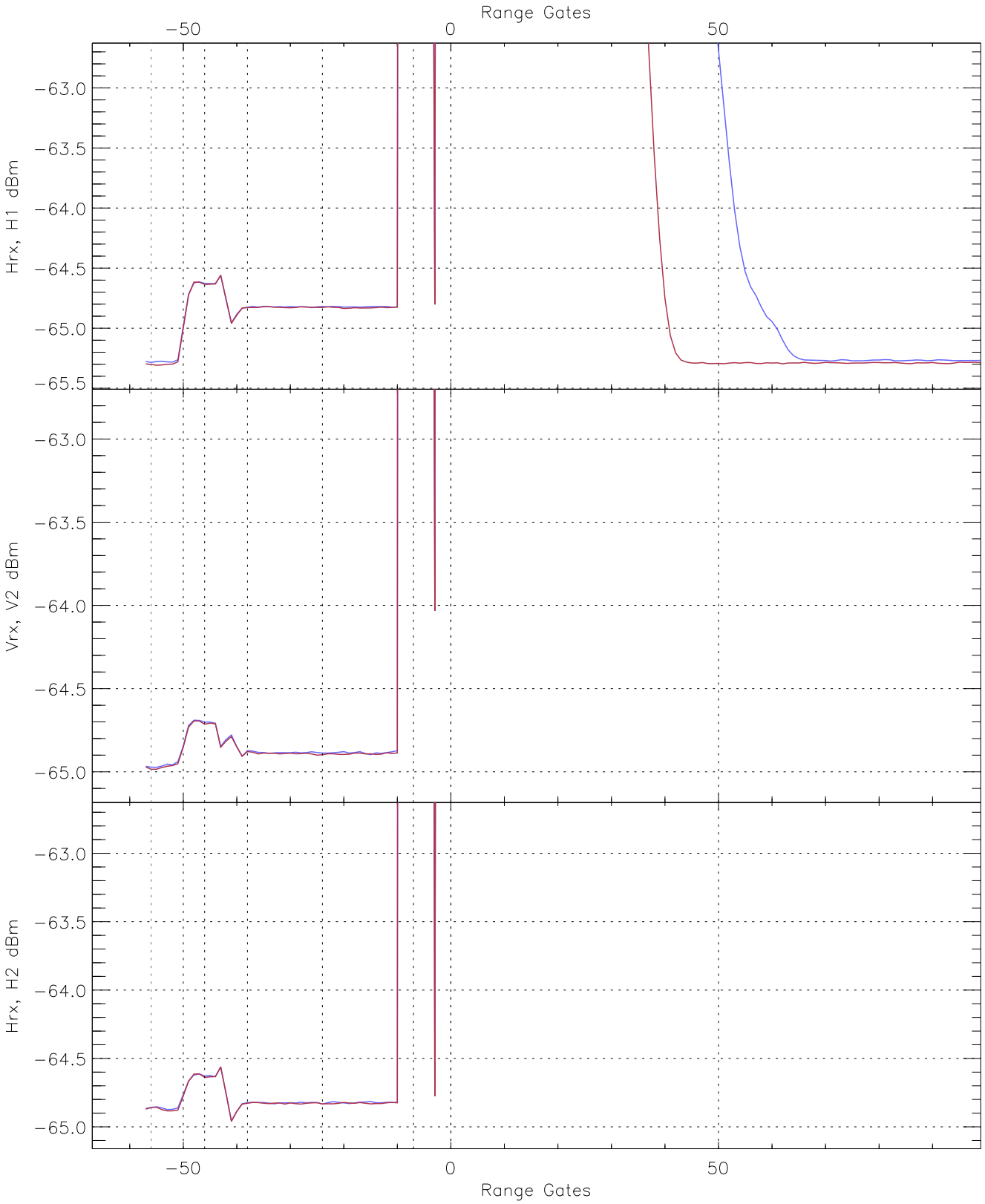


WCR3 CPP "Best" estimate Receivers Noise Power

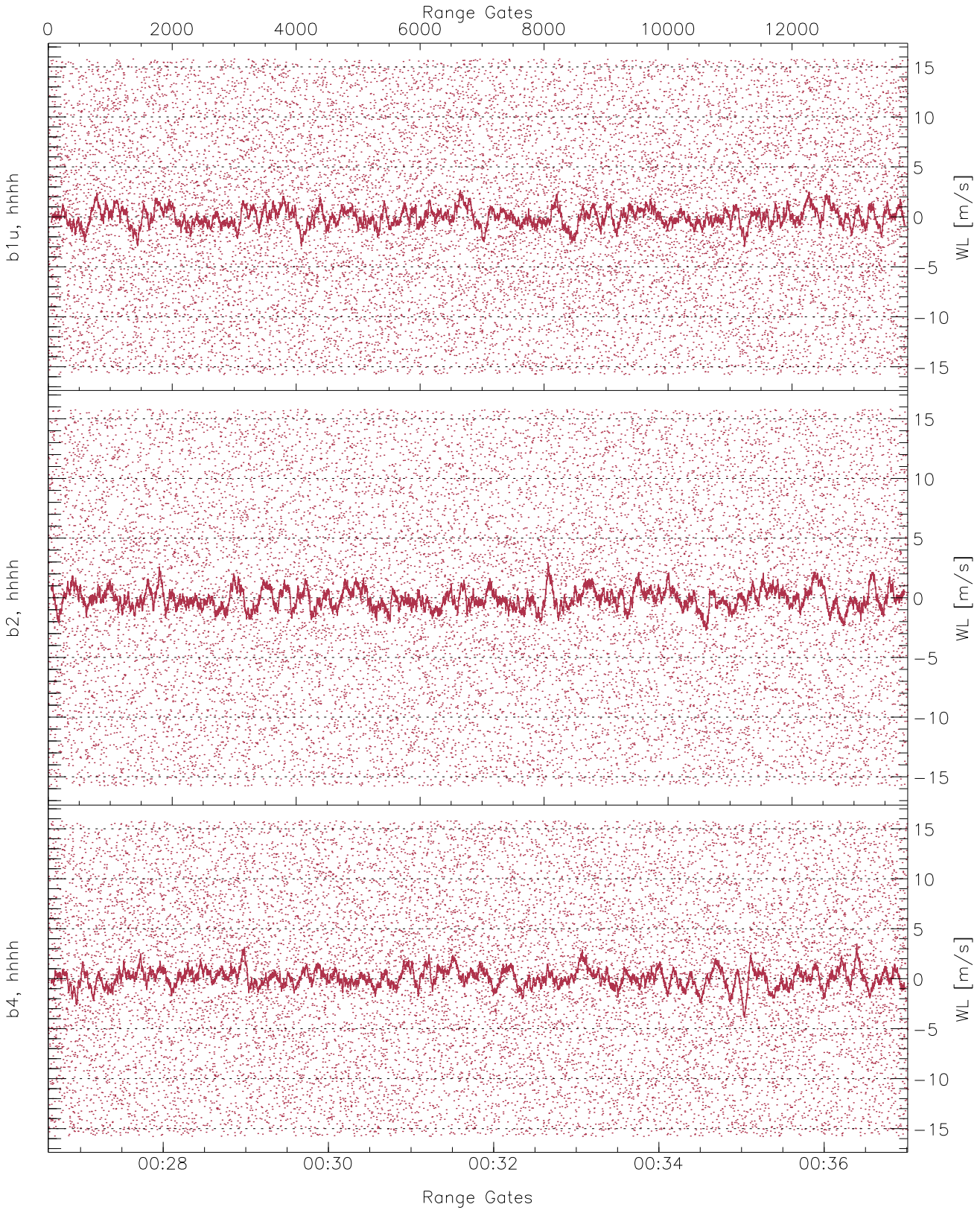
	Min	Max	Mean	Median	StDev
H1RG363_0 [dBm]	-66.57	-64.10	-65.29	-65.30	-76.81
V2RG192_0 [dBm]	-66.28	-63.85	-64.98	-64.99	-76.46
H2RG279_0 [dBm]	-66.16	-63.79	-64.88	-64.89	-76.38



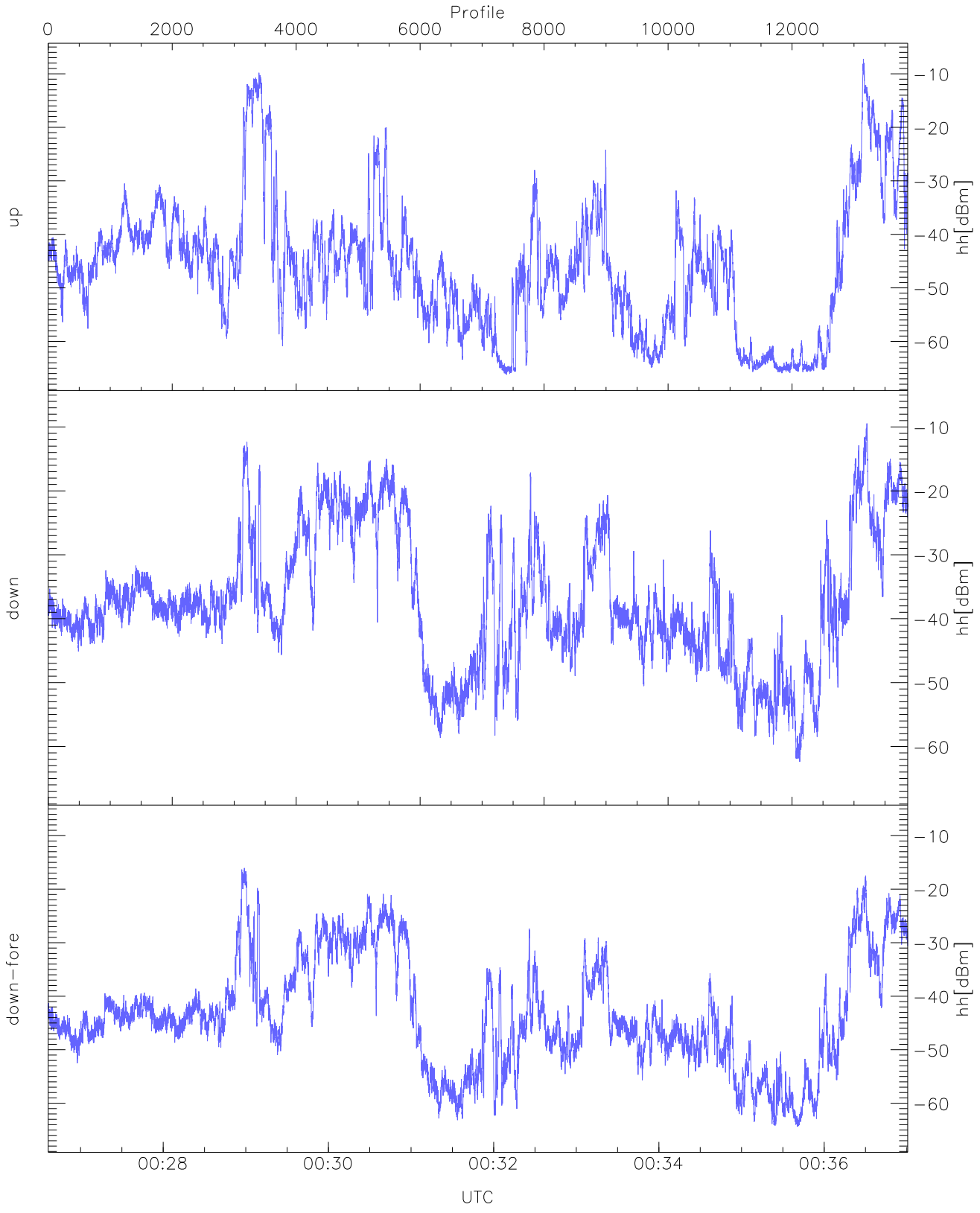
WCR3 CPP Averaged Received power for all recorded gates
blue: 002637-003149, 6935 profiles averaged
red: 003149-003701, 6934 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 002637-003149, 6935 profiles averaged
red: 003149-003701, 6934 profiles averaged

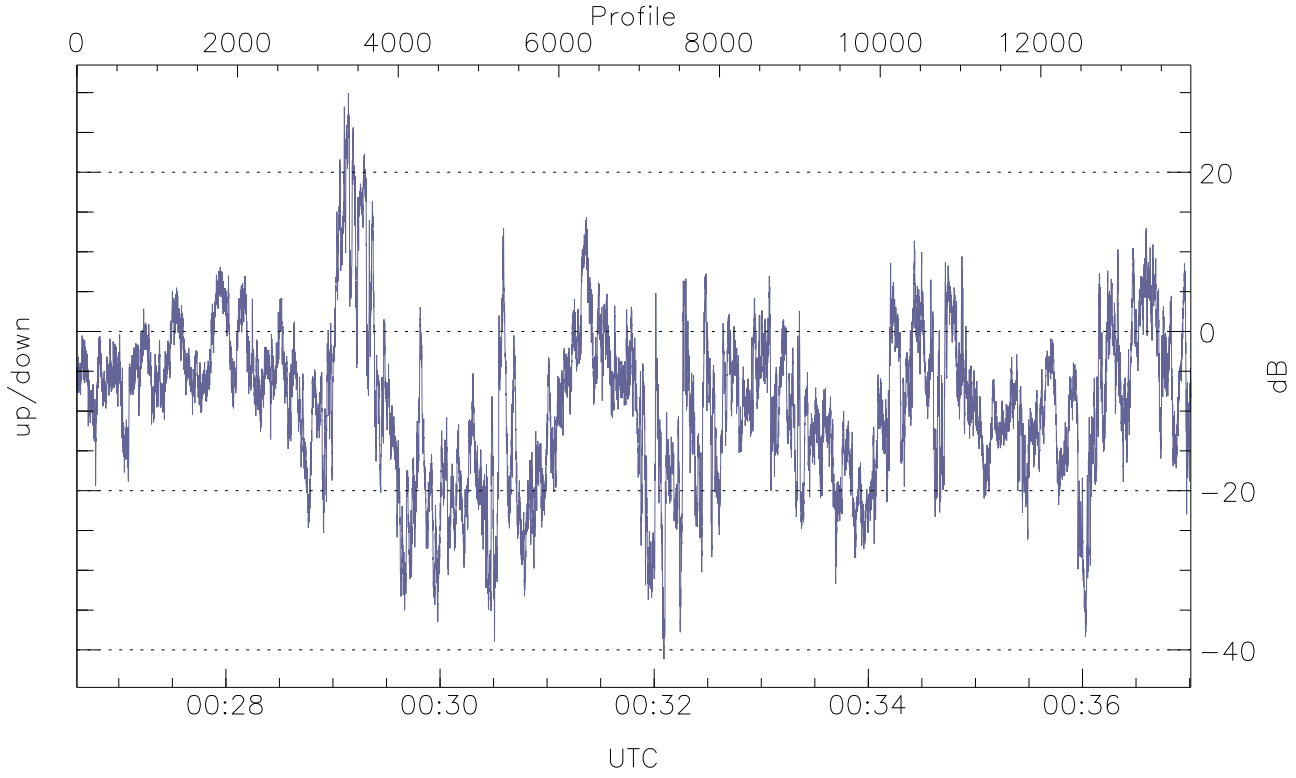


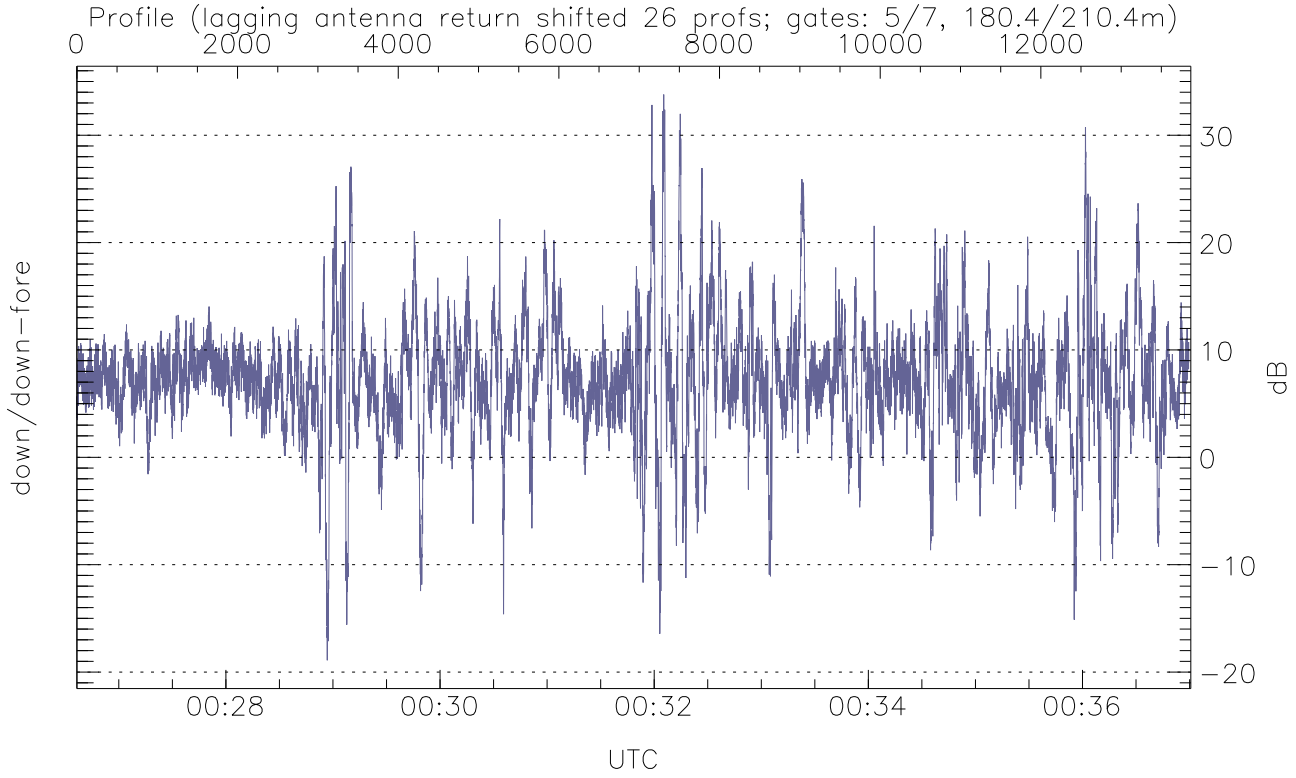
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

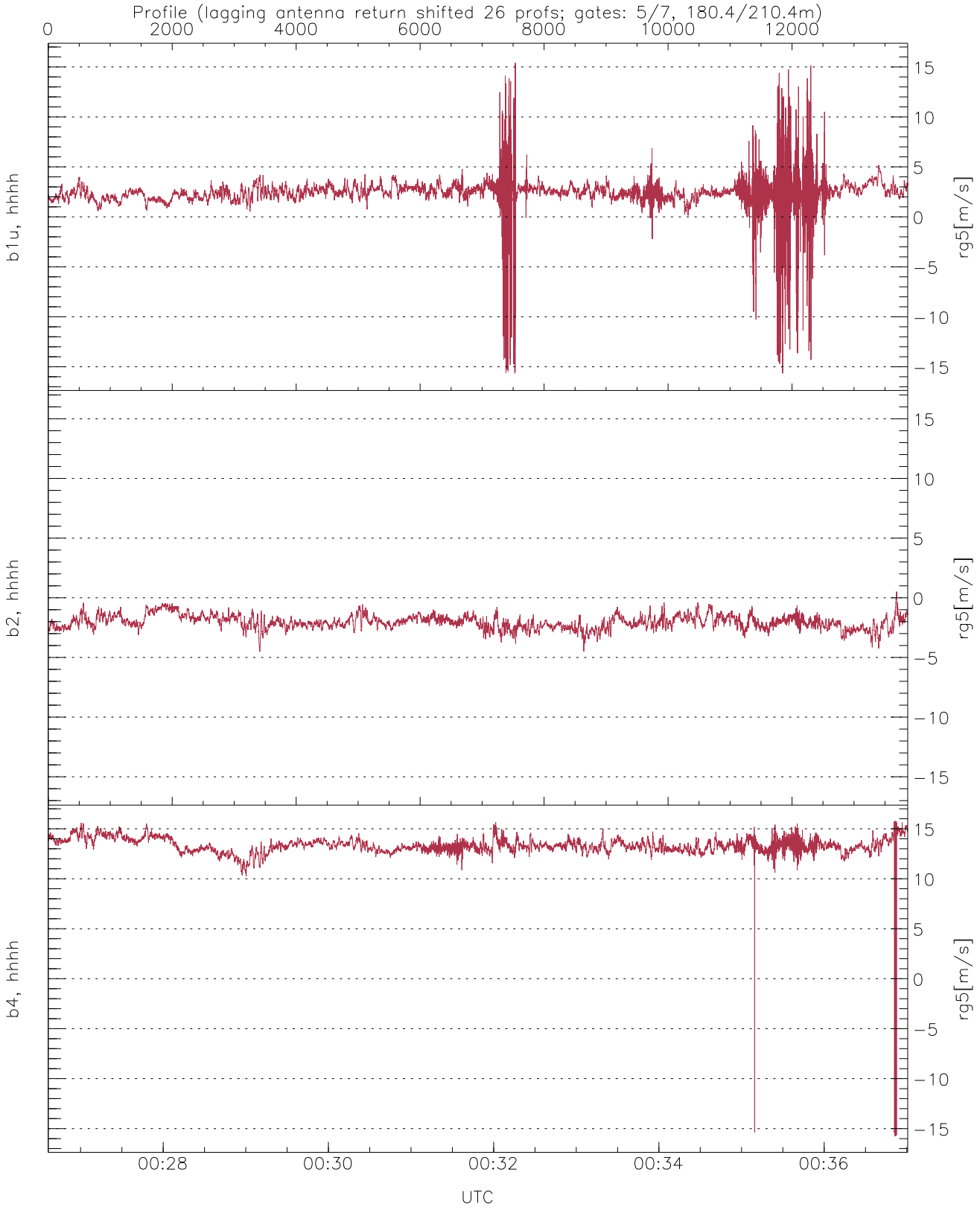
	Min	Max	Mean
up(hh[dBm])	-66.22	-7.24	-27.09
down(hh[dBm])	-62.37	-9.45	-26.50
down-fore(hh[dBm])	-64.38	-16.05	-32.51





WCR3 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-41.15	29.91	-9.01
down/down-fore(dB)	-18.90	33.79	7.22



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.66	15.40	2.38	1.58
b2, hhhh(rg5[m/s])	-4.51	0.52	-2.04	0.57
b4, hhhh(rg5[m/s])	-15.76	15.77	13.29	1.32