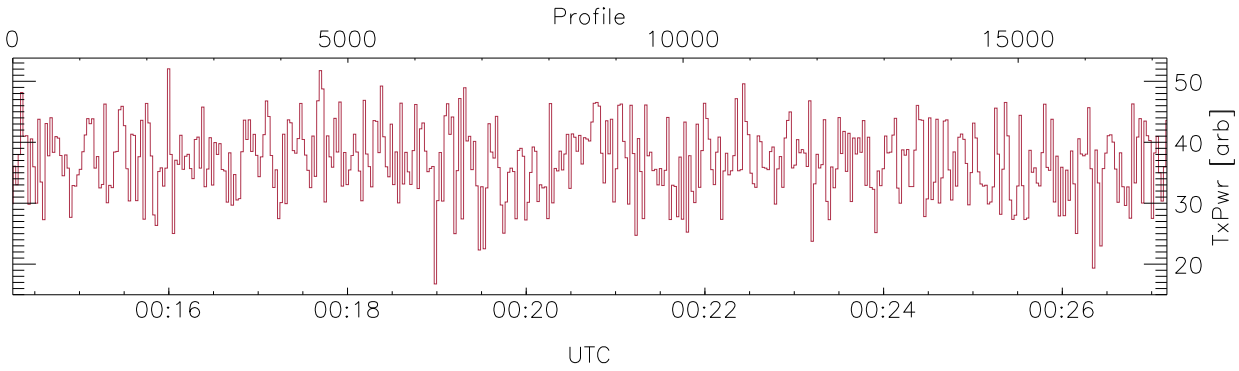
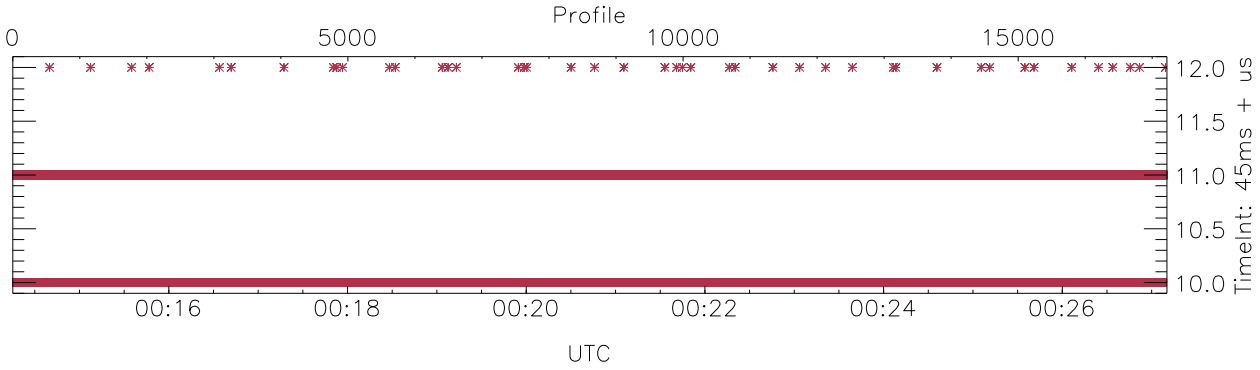
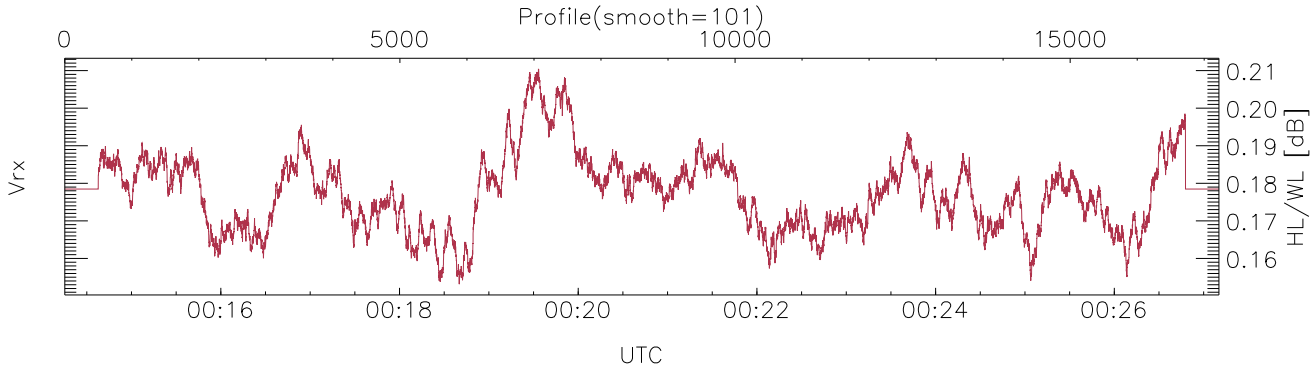
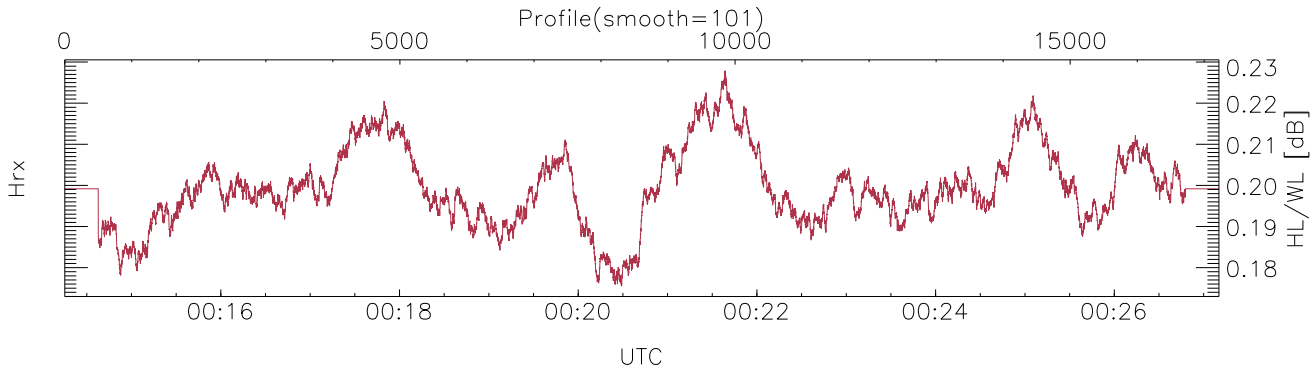


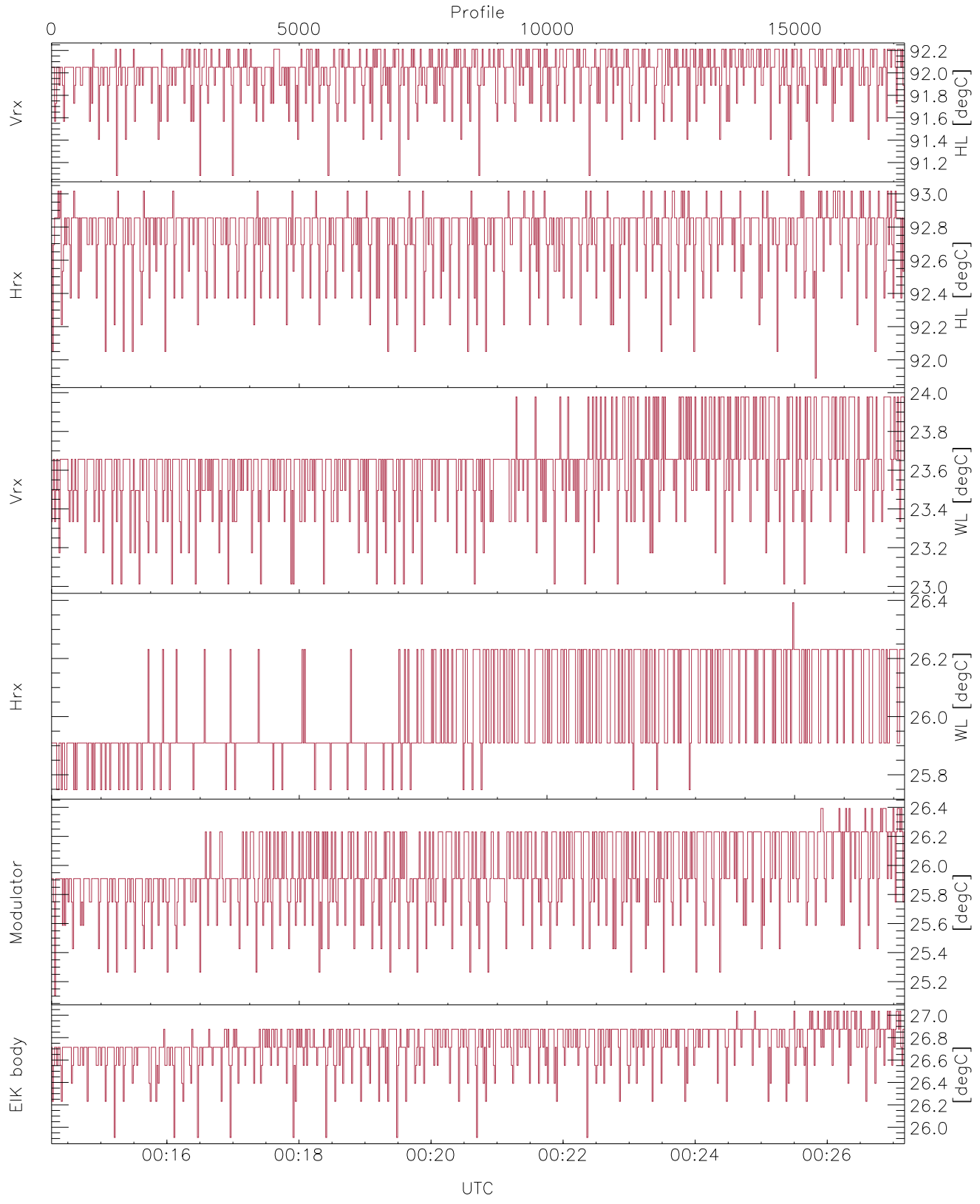






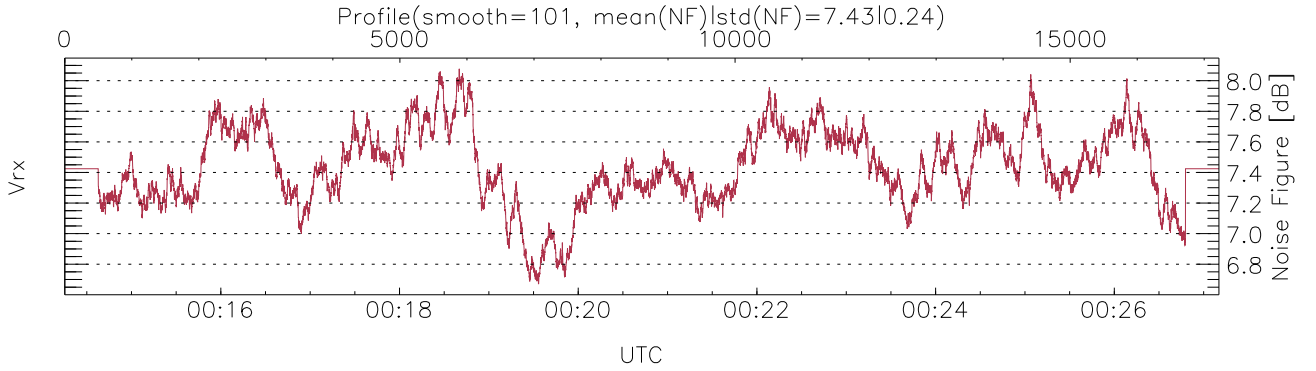
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

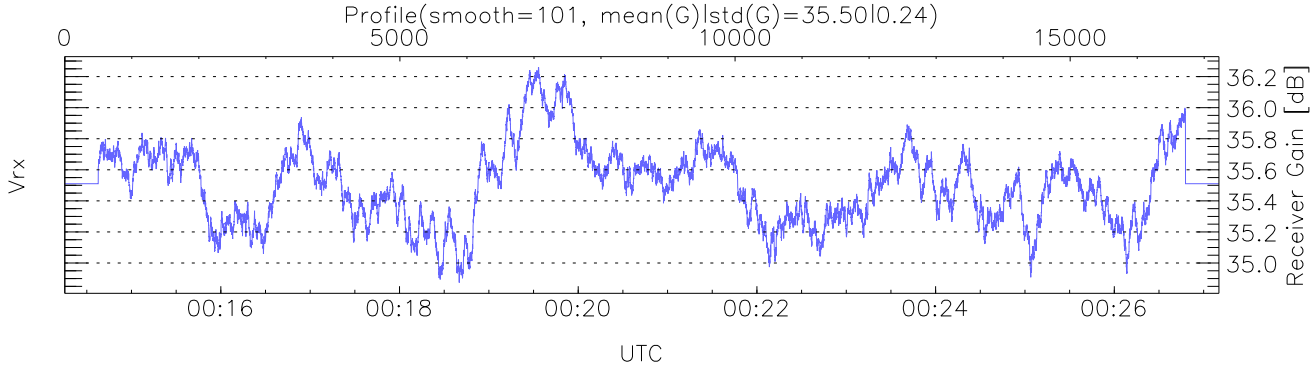
UTC: 00:14:15-00:27:10, TimeCor: 0.00s, Dur: 775.09s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 17221/17221, 0-17220/00:14:15-00:27:10
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

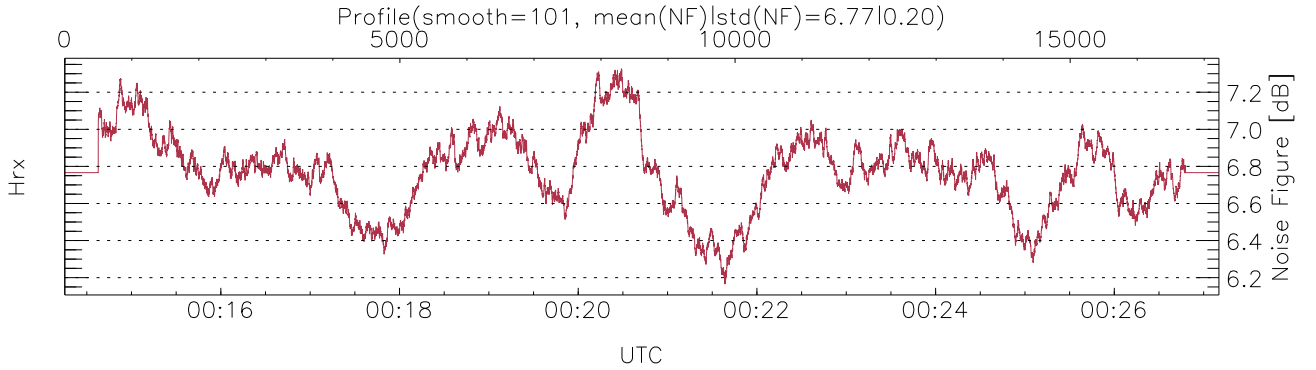


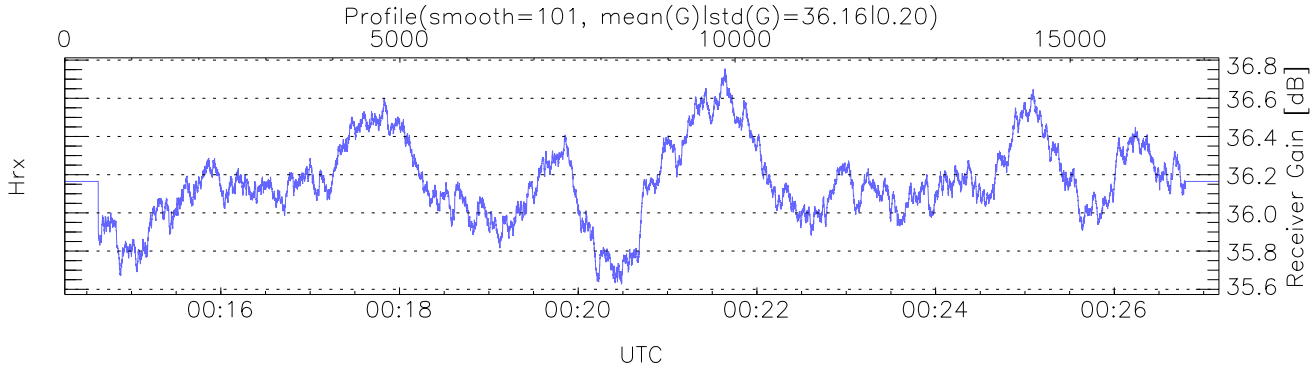
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



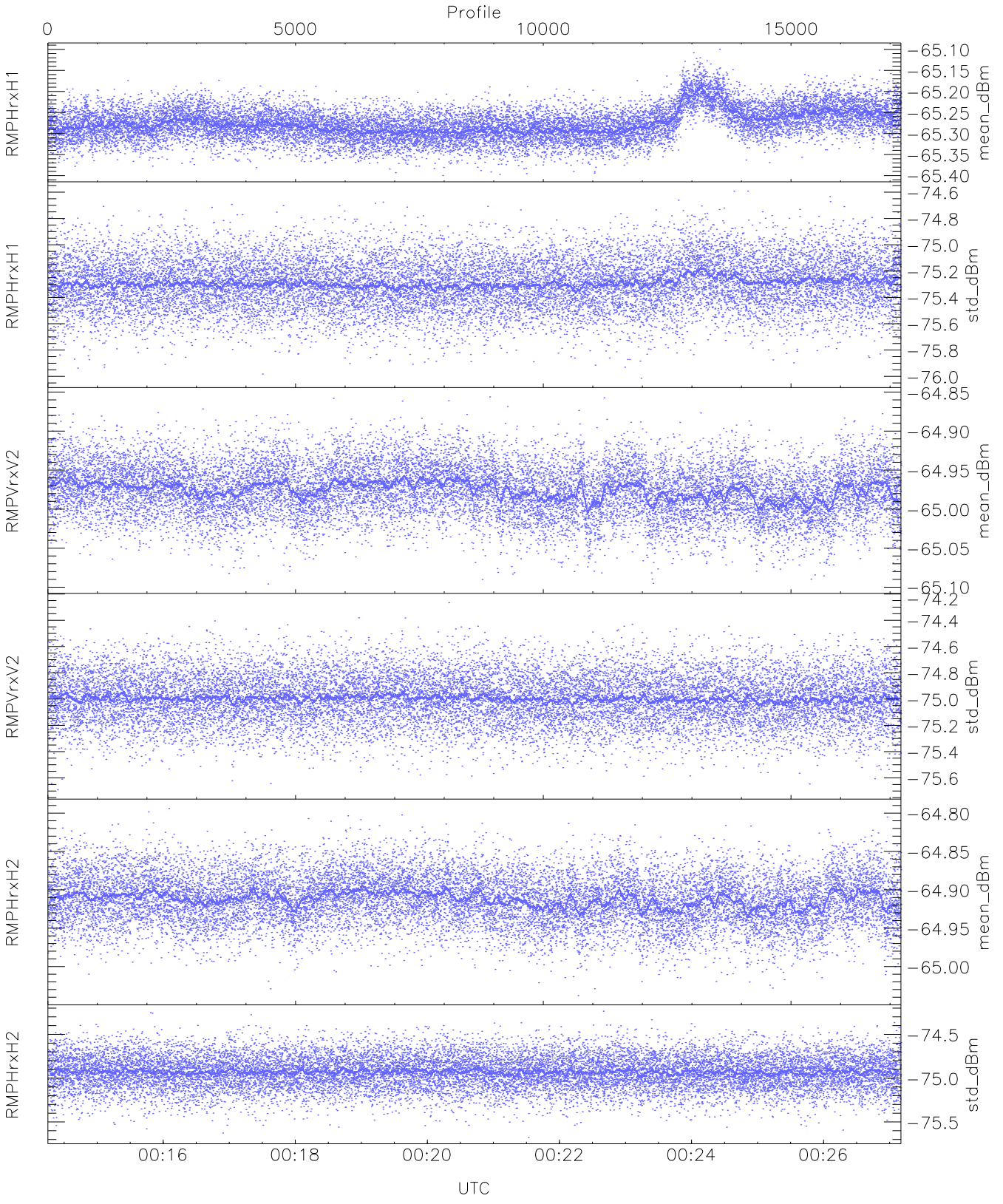






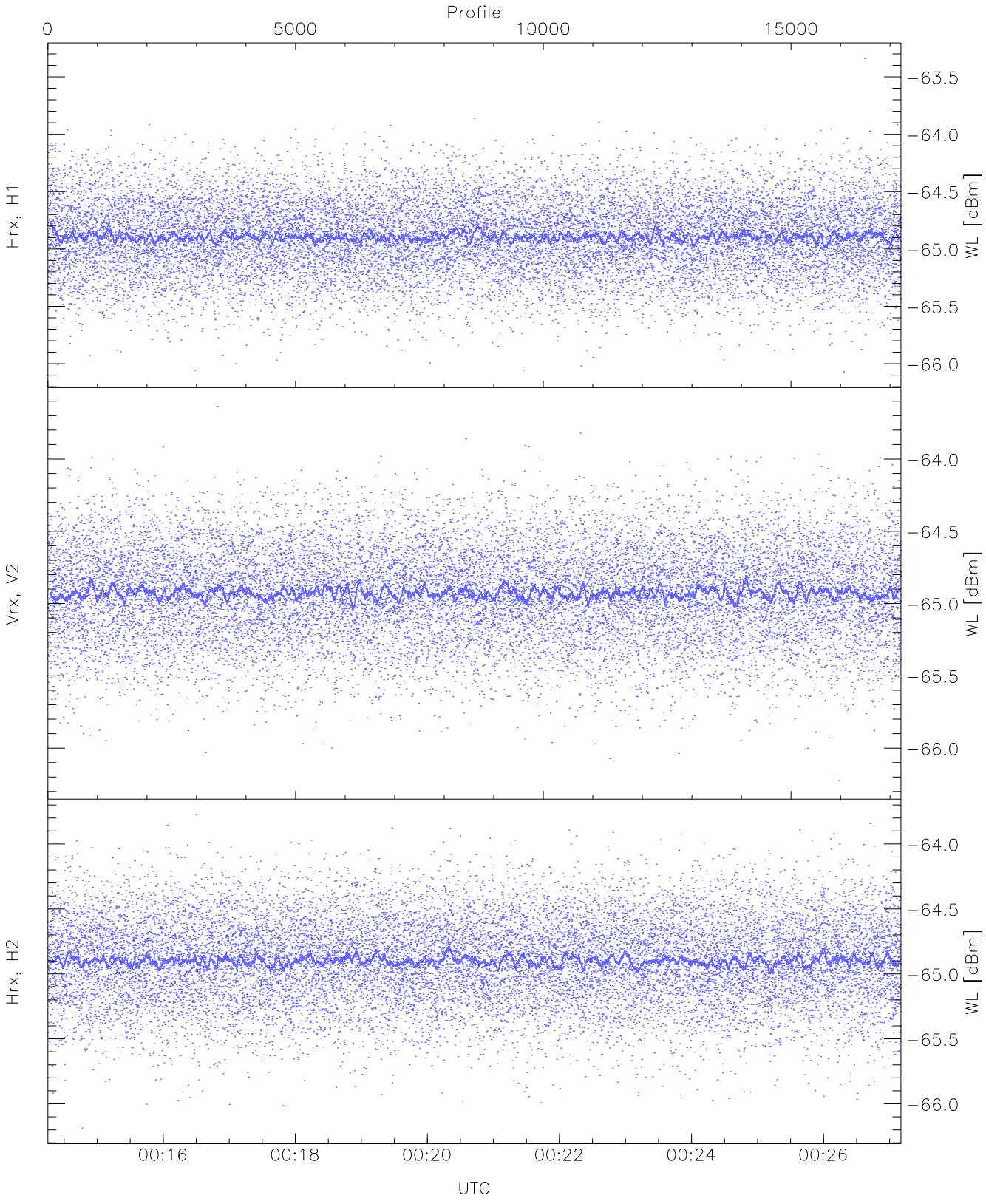
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



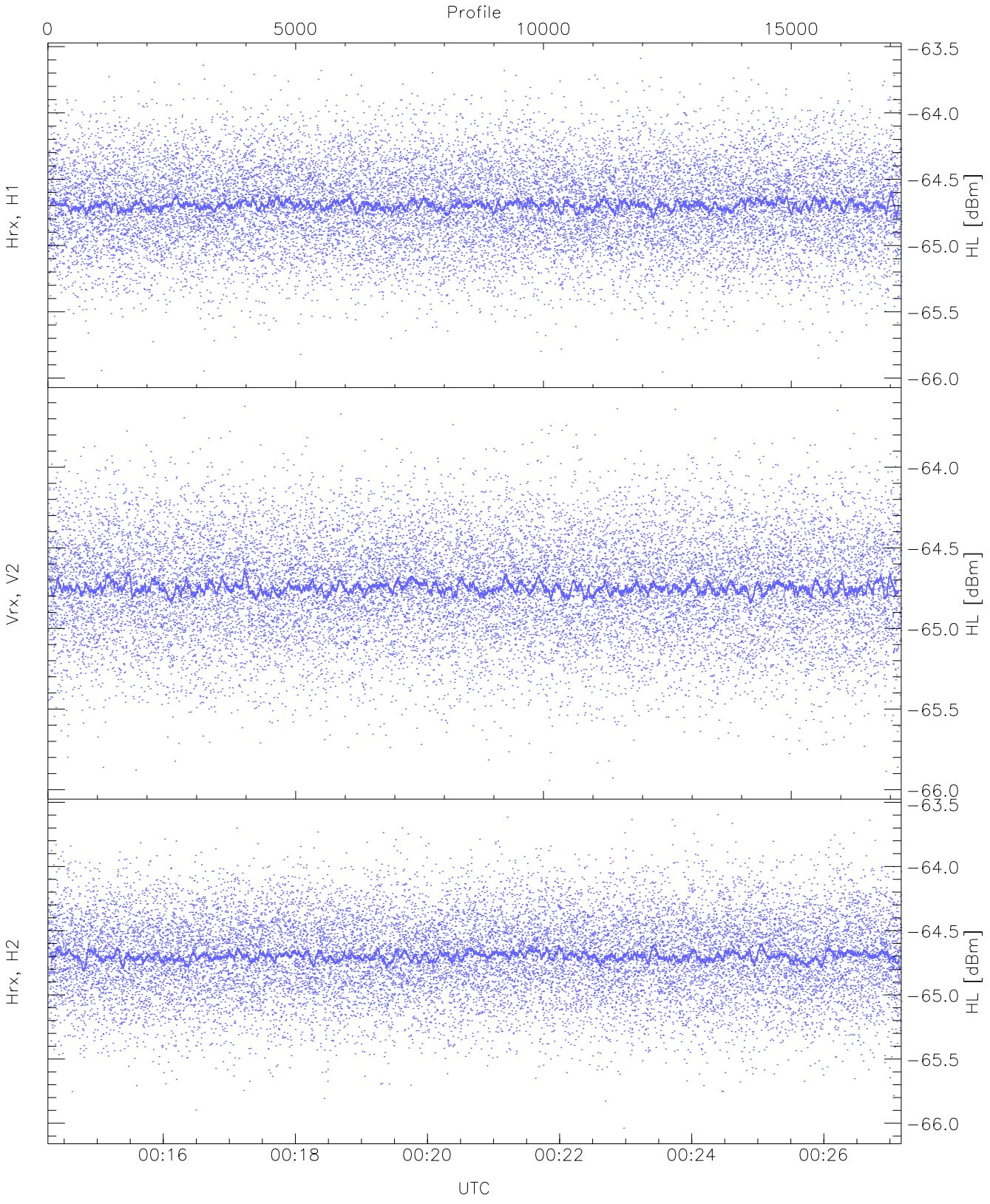
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.10	-65.28	-65.28	-85.90
RMPHrxH1(std_dBm)	-76.01	-74.59	-75.29	-75.29	-89.03
RMPVrxV2(mean_dBm)	-65.10	-64.86	-64.98	-64.98	-86.33
RMPVrxV2(std_dBm)	-75.69	-74.27	-74.99	-75.00	-88.82
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.34
RMPHrxH2(std_dBm)	-75.68	-74.24	-74.93	-74.93	-88.71



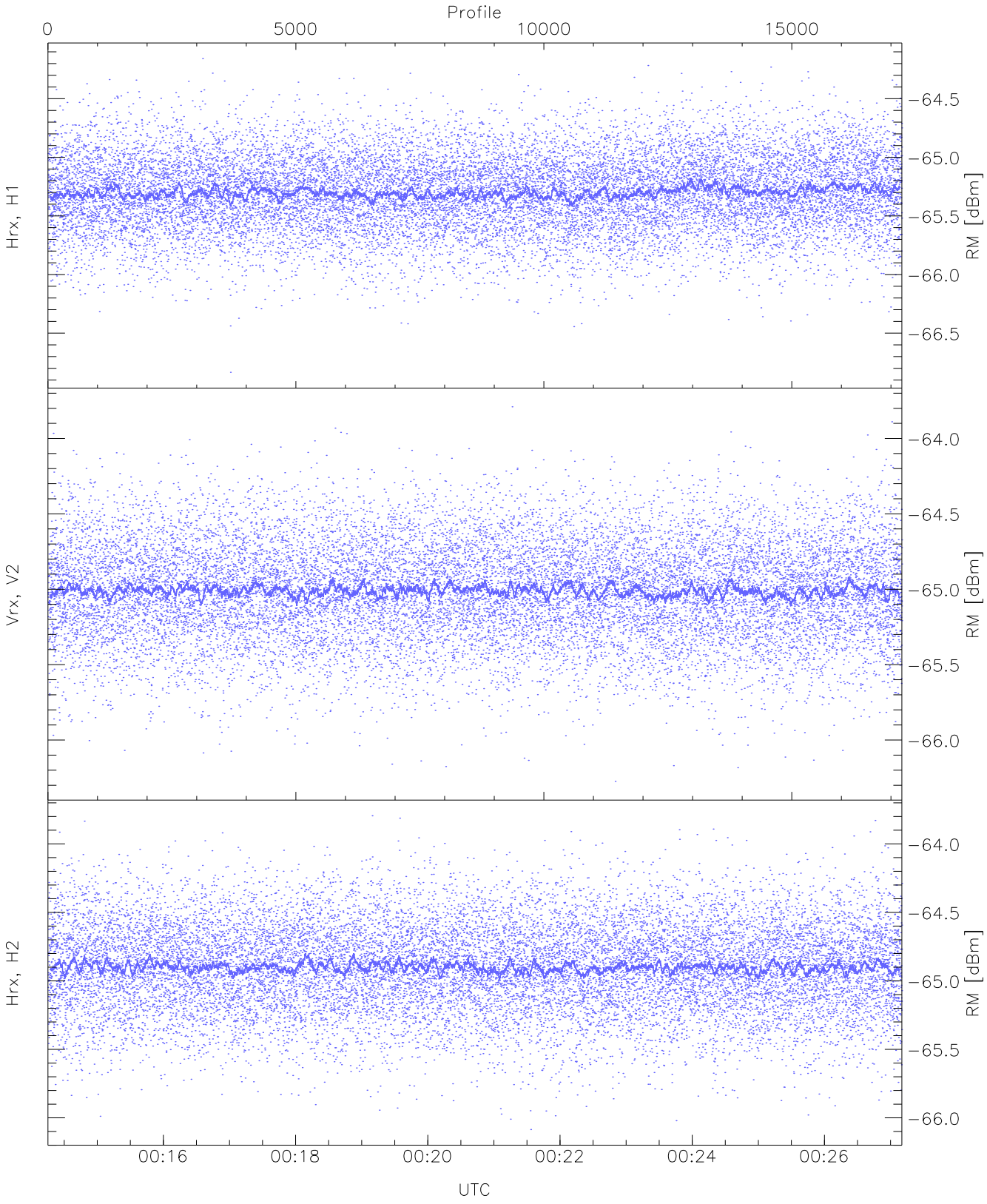
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.34	-64.89	-64.89	-76.41
Vrx, V2(WL [dBm])	-66.22	-63.64	-64.92	-64.92	-76.43
Hrx, H2(WL [dBm])	-66.19	-63.78	-64.89	-64.90	-76.38



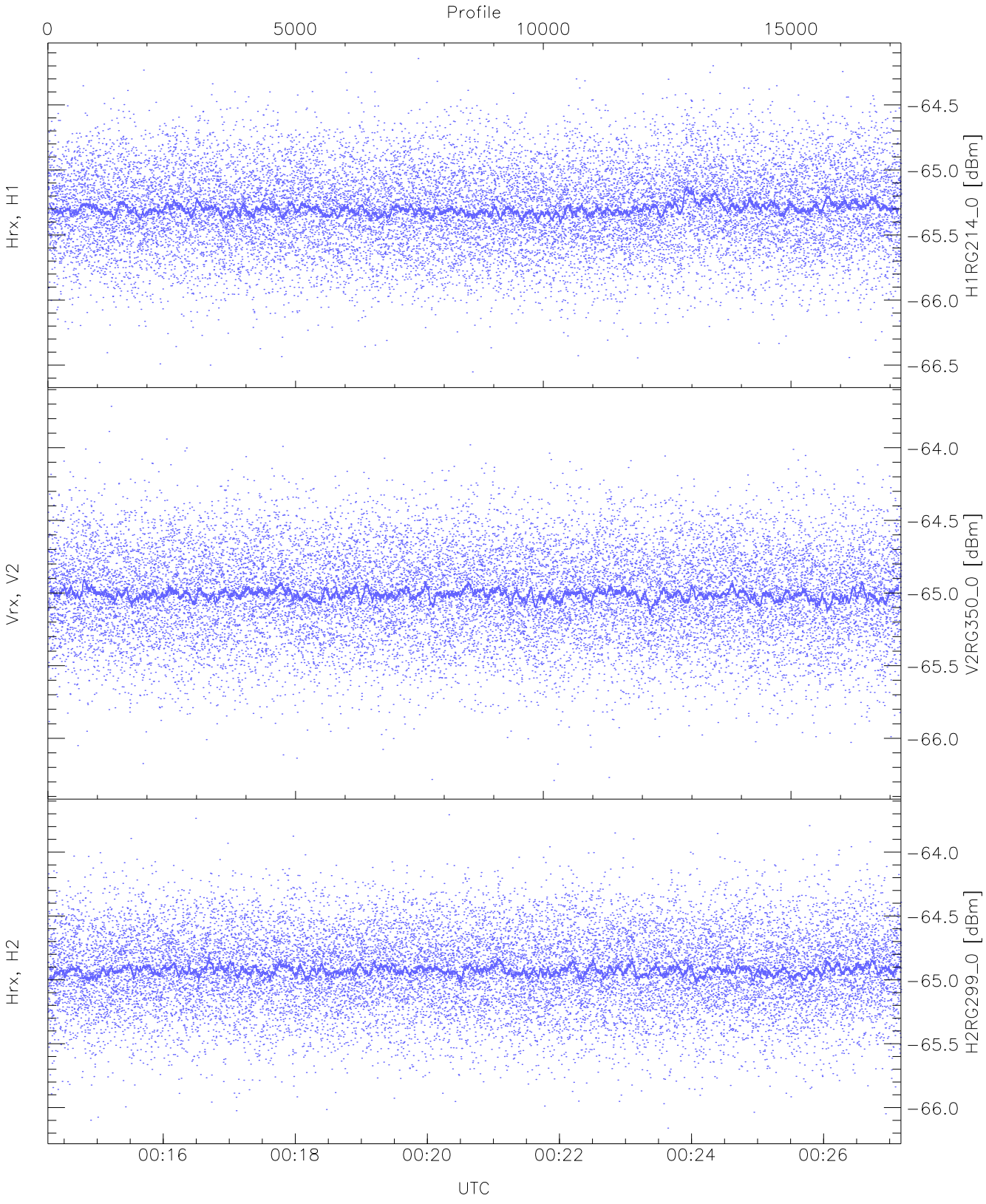
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.59	-64.69	-64.70	-76.18
Vrx, V2(HL [dBm])	-65.94	-63.62	-64.74	-64.75	-76.25
Hrx, H2(HL [dBm])	-66.04	-63.60	-64.69	-64.70	-76.19



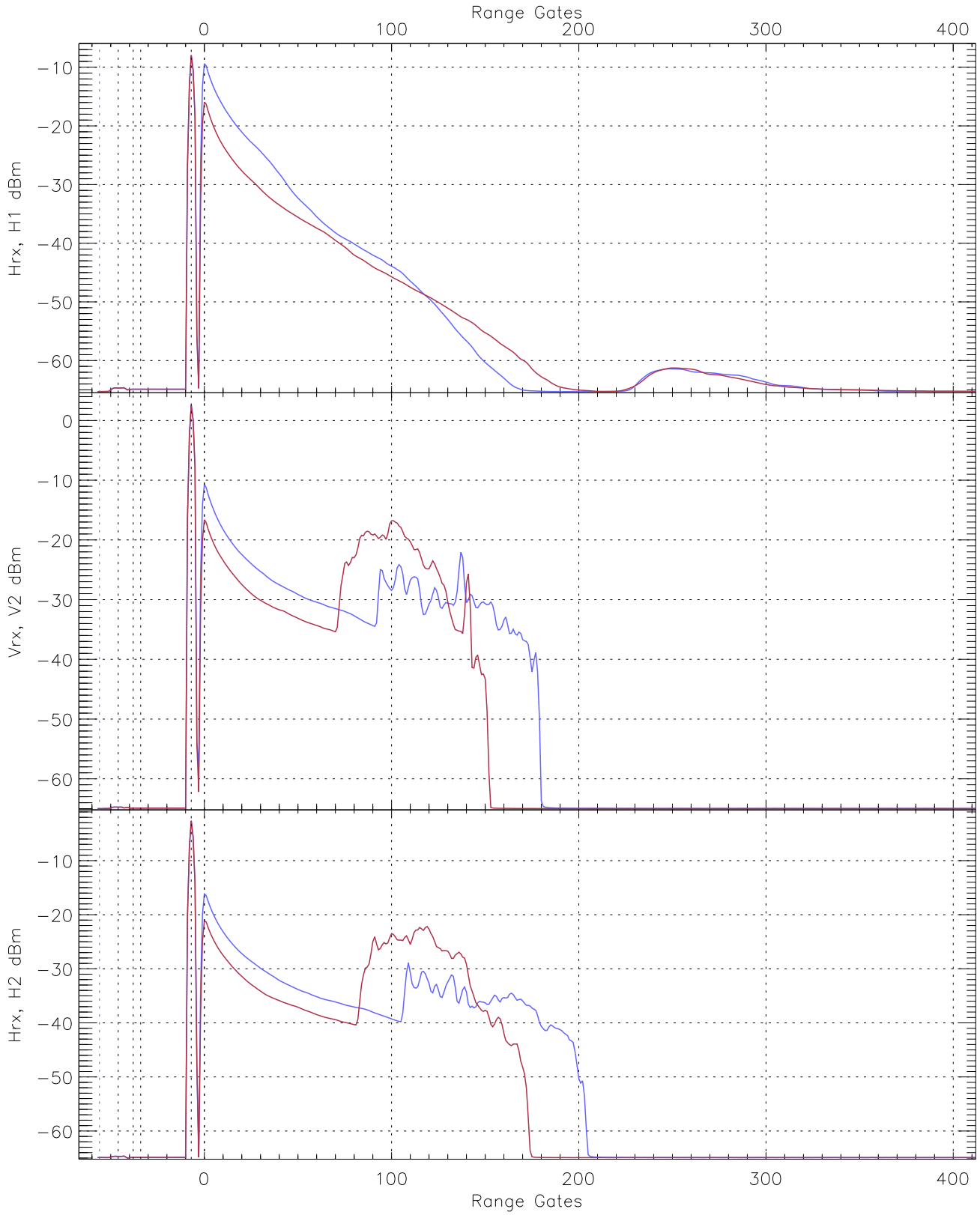
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.83	-64.16	-65.29	-65.30	-76.80
Vrx, V2(RM [dBm])	-66.27	-63.79	-65.00	-65.01	-76.49
Hrx, H2(RM [dBm])	-66.09	-63.79	-64.89	-64.90	-76.41

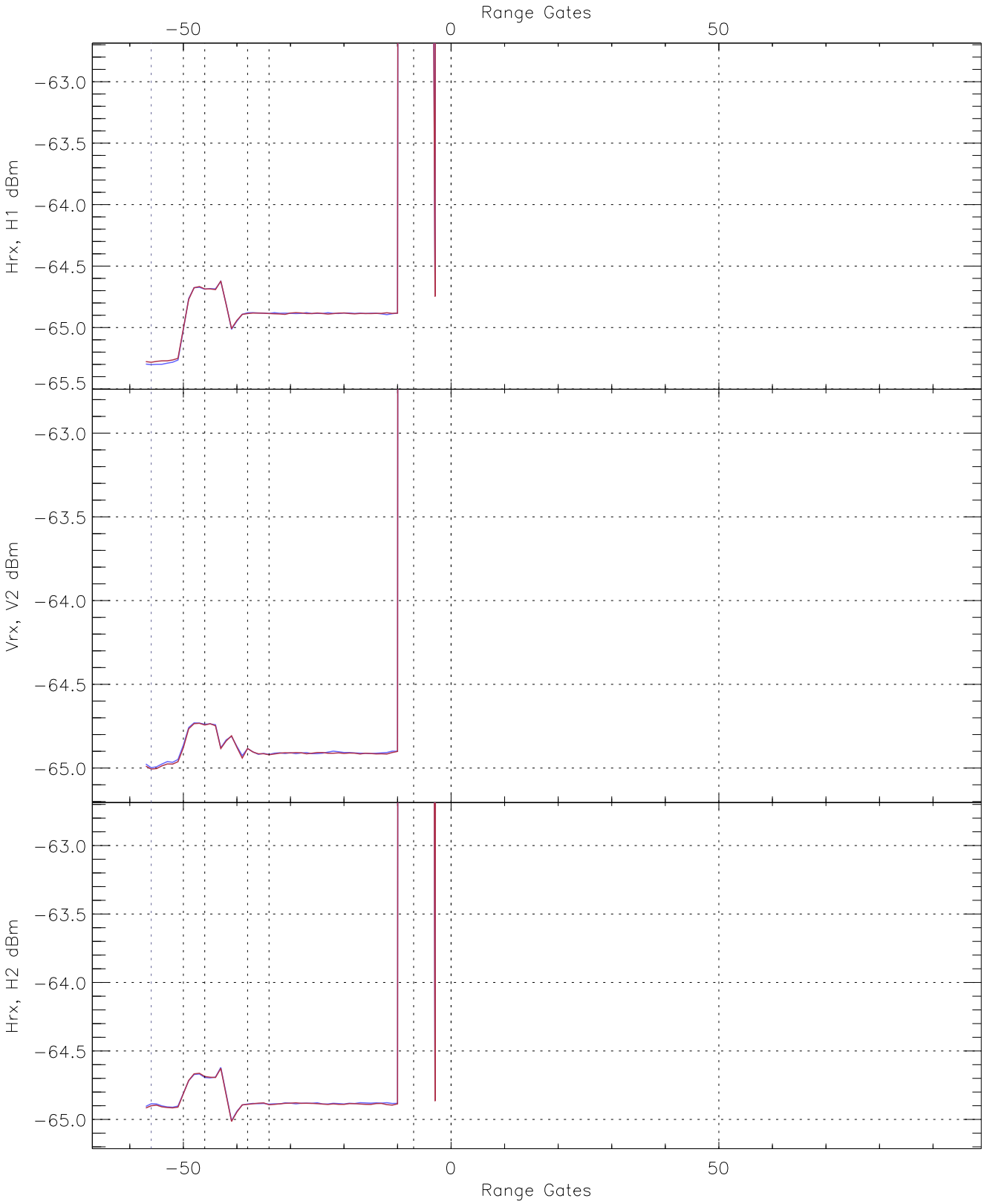


WCR3 CPP "Best" estimate Receivers Noise Power

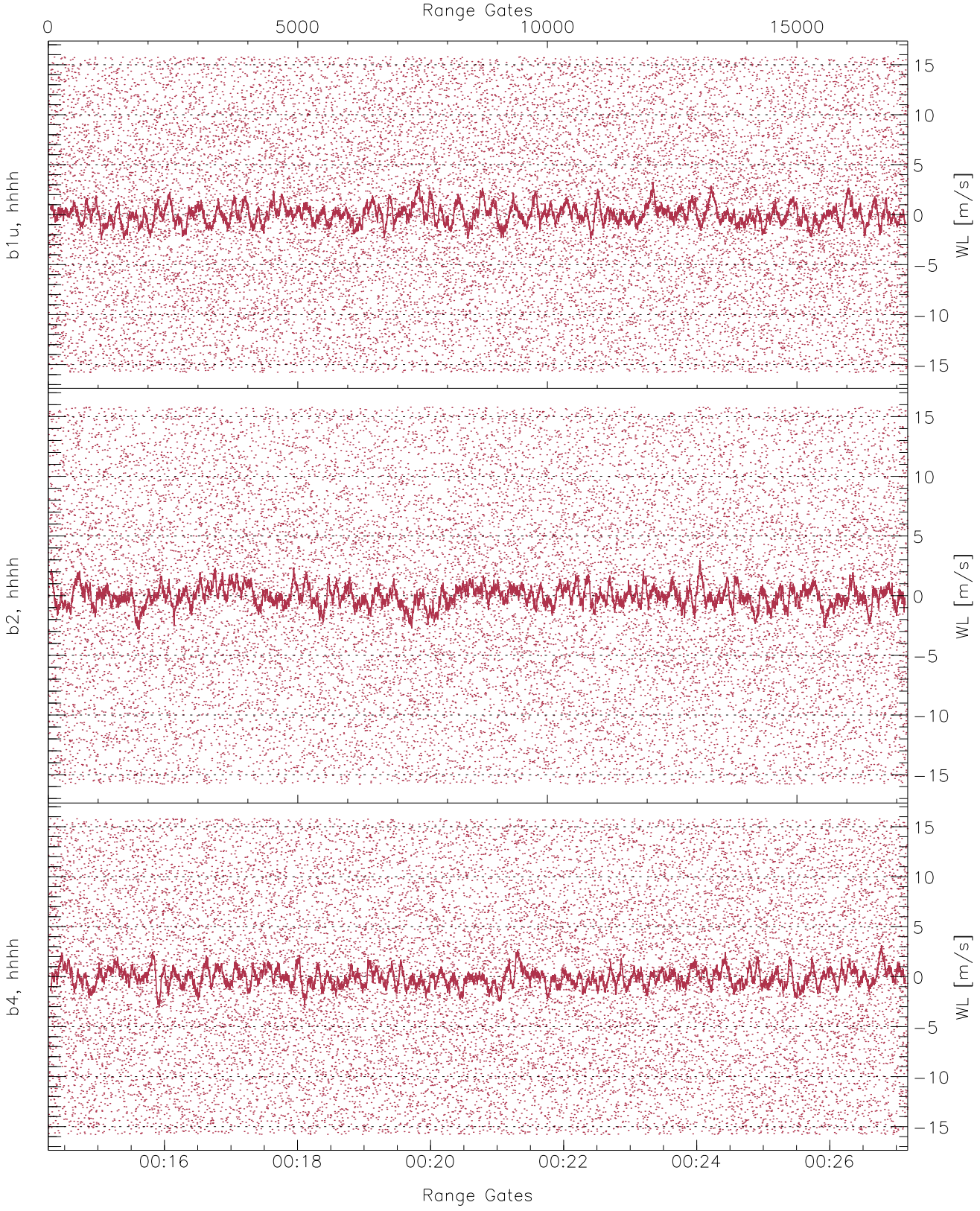
	Min	Max	Mean	Median	StDev
H1RG214_0 [dBm]	-66.55	-64.14	-65.29	-65.30	-76.79
V2RG350_0 [dBm]	-66.29	-63.71	-65.00	-65.01	-76.51
H2RG299_0 [dBm]	-66.16	-63.71	-64.92	-64.93	-76.44



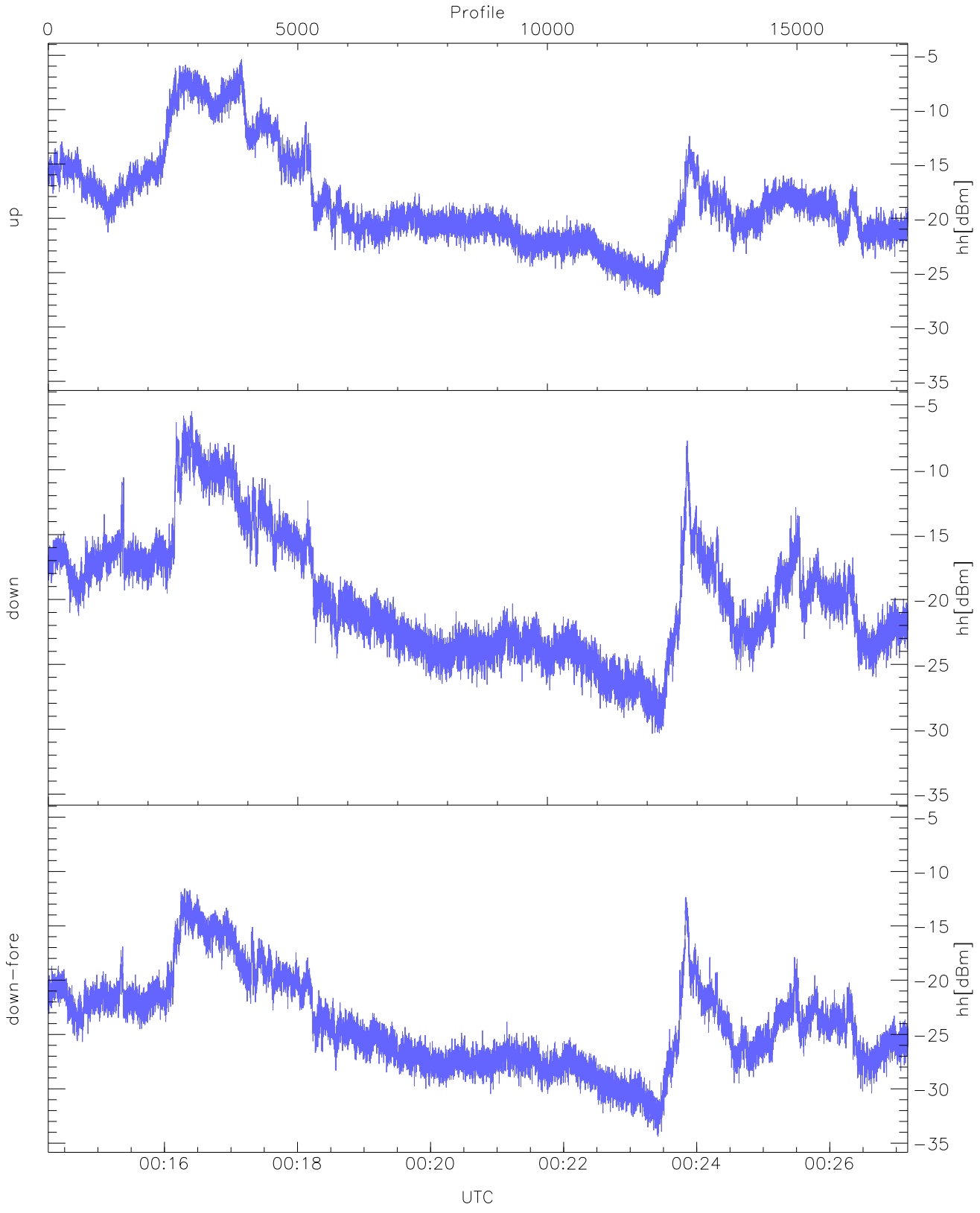
WCR3 CPP Averaged Received power for all recorded gates
blue: 001415-002043, 8611 profiles averaged
red: 002043-002710, 8611 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 001415-002043, 8611 profiles averaged
red: 002043-002710, 8611 profiles averaged

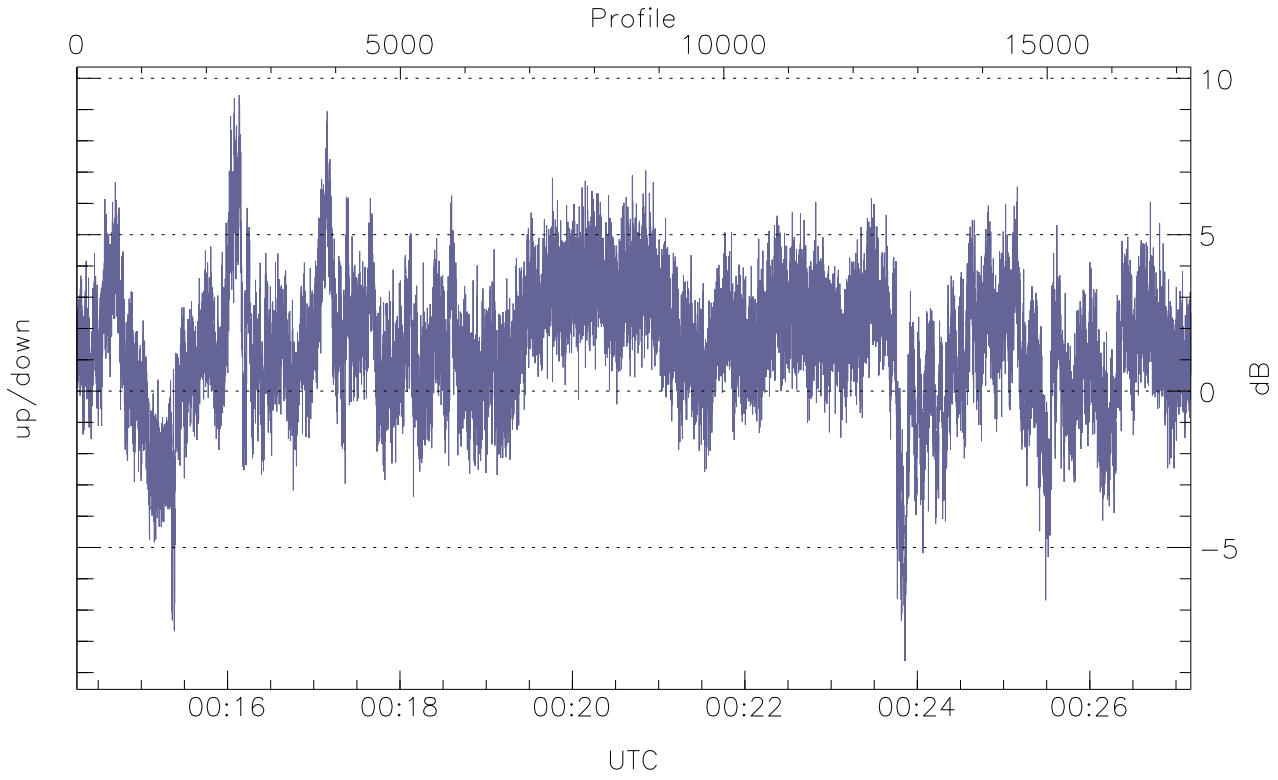


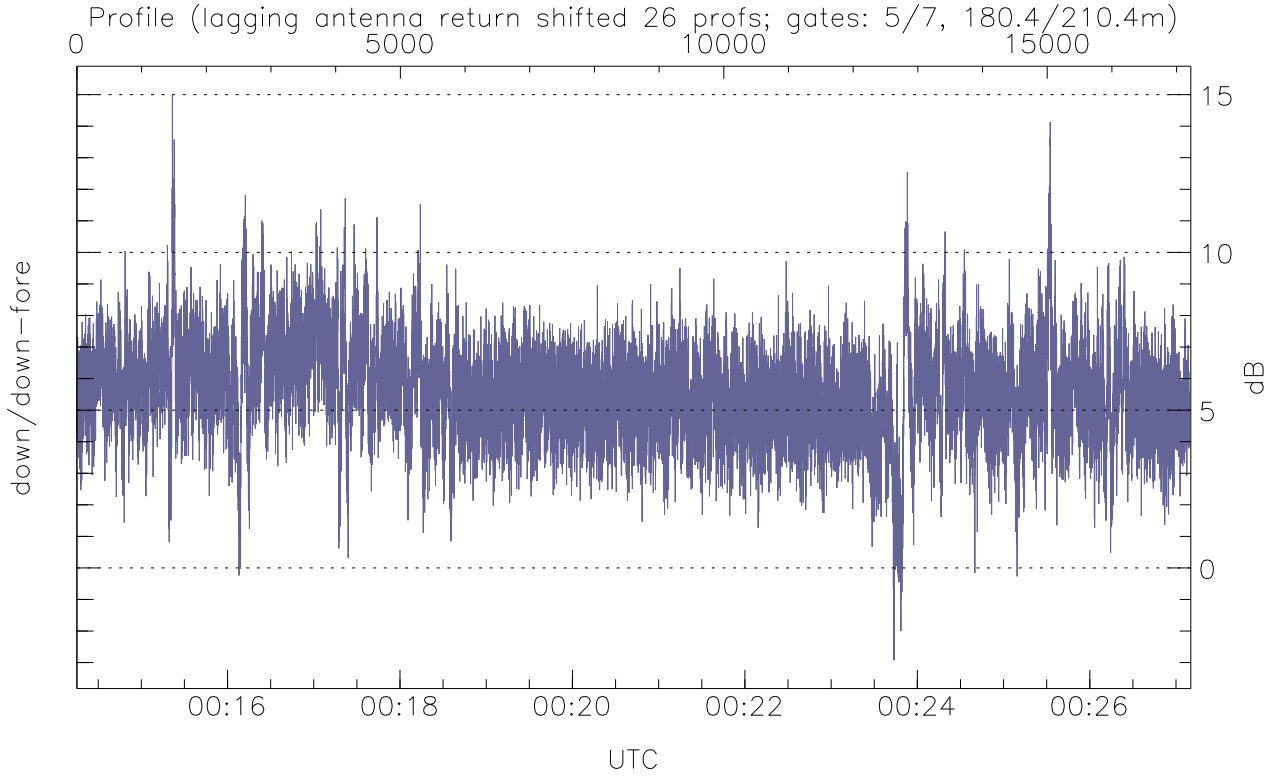
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

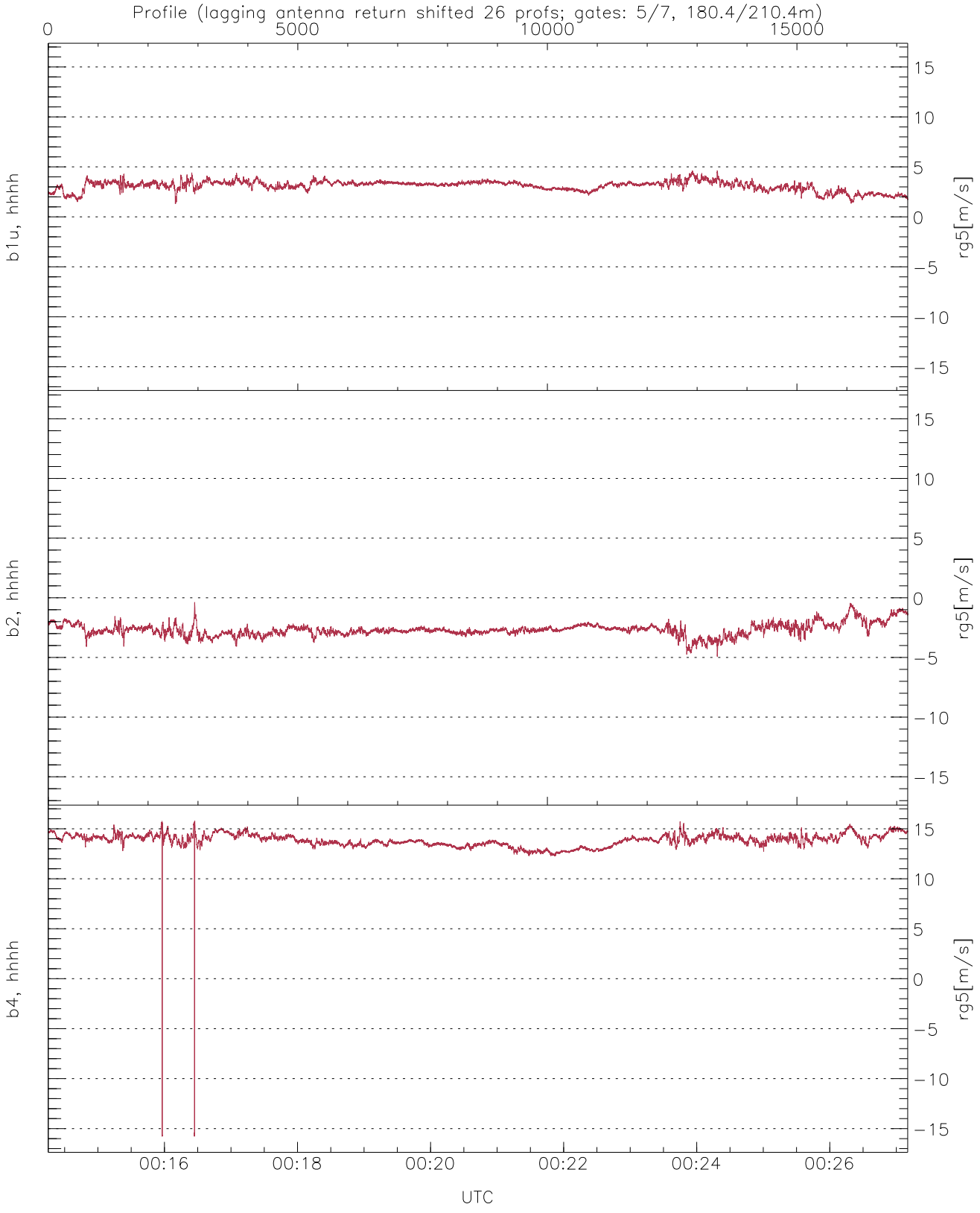
	Min	Max	Mean
up(hh[dBm])	-27.32	-5.34	-15.63
down(hh[dBm])	-30.35	-5.49	-16.95
down-fore(hh[dBm])	-34.39	-11.57	-21.79





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

	Min	Max	Mean
up/down(dB)	-8.63	9.46	1.48
down/down-fore(dB)	-2.93	15.00	5.57



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.30	4.62	3.09	0.50
b2, hhhh(rg5[m/s])	-4.92	-0.37	-2.67	0.53
b4, hhhh(rg5[m/s])	-15.78	15.78	13.82	0.98