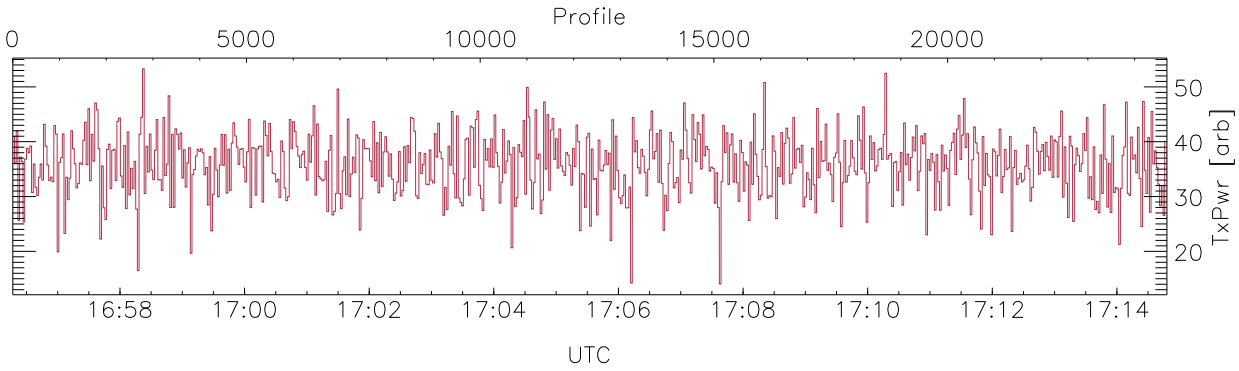
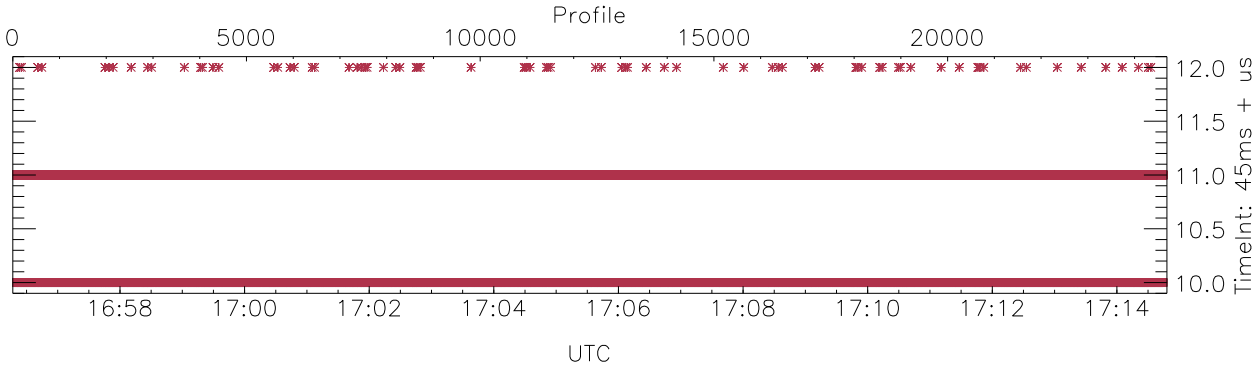
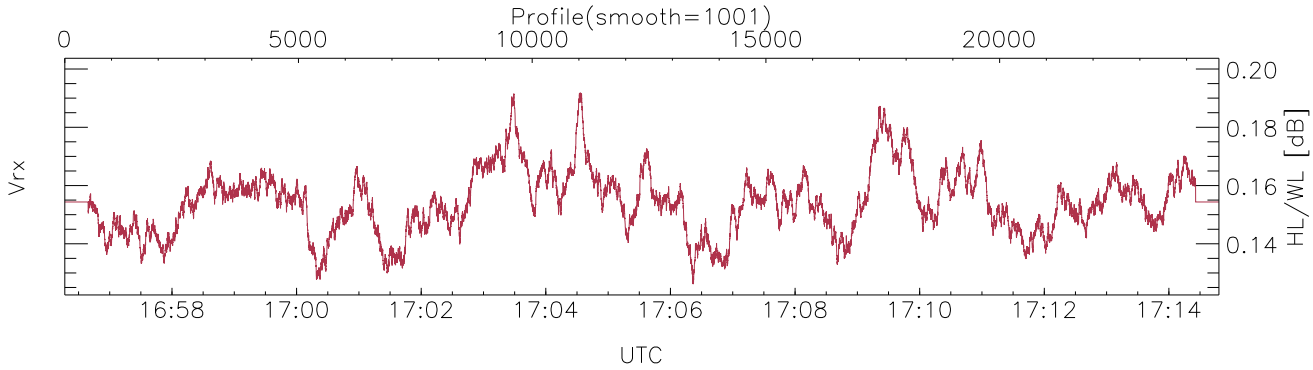
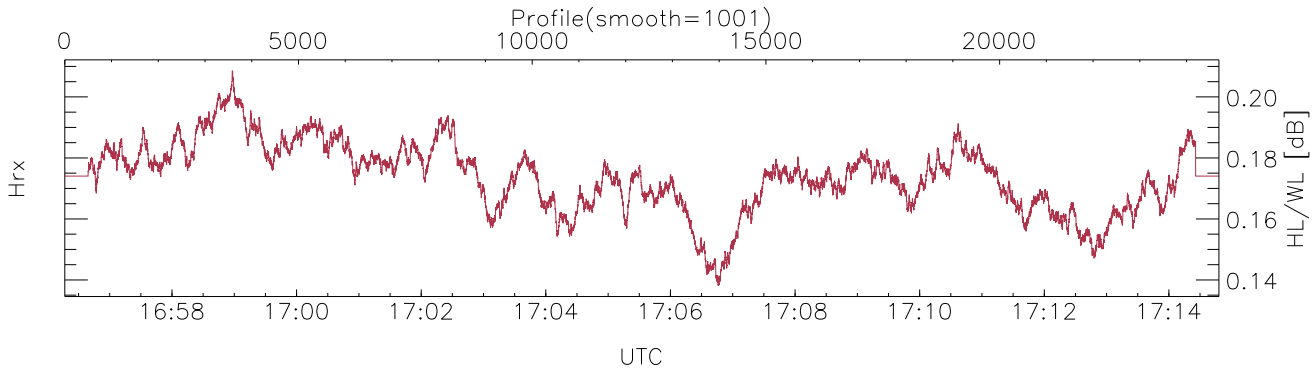


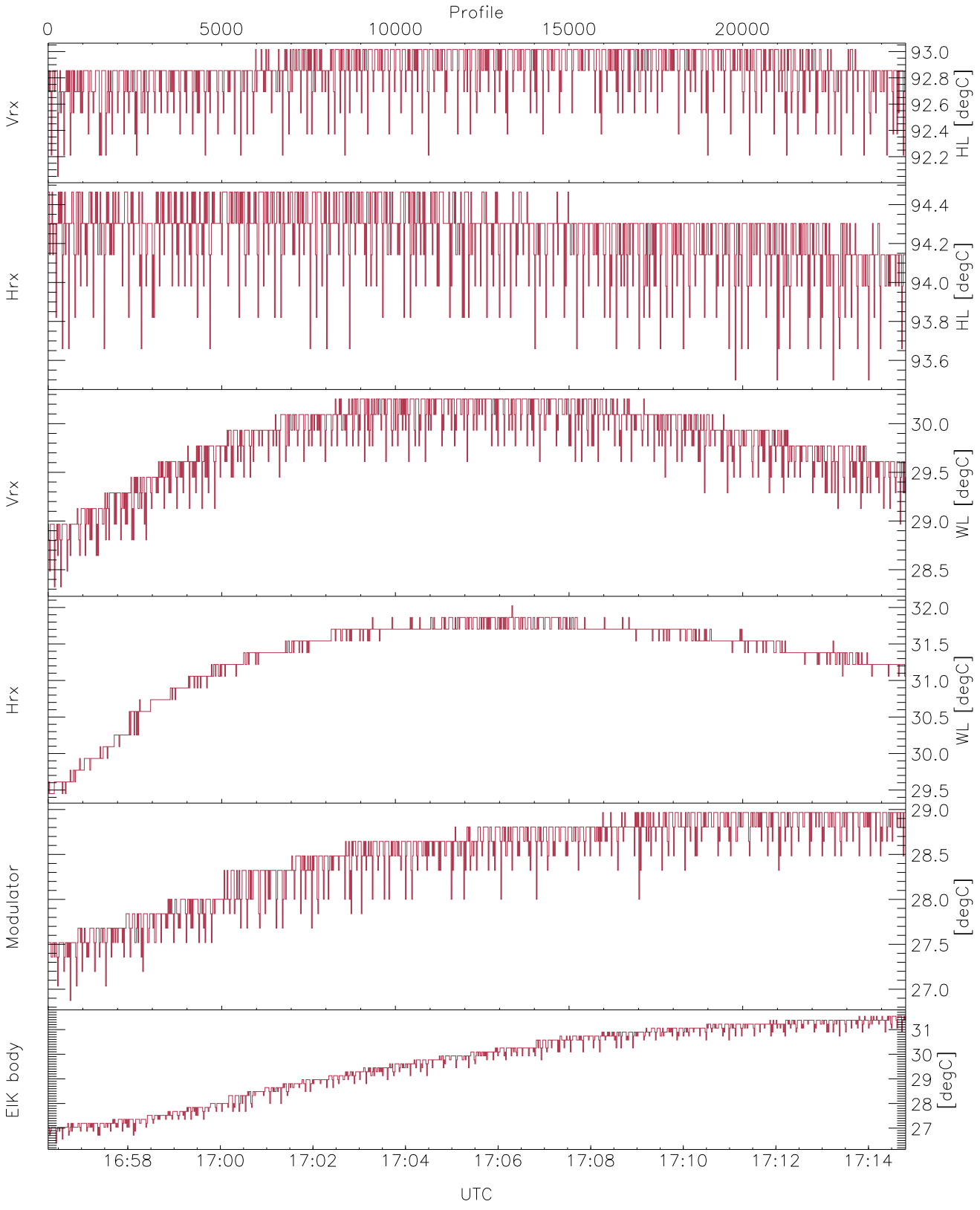






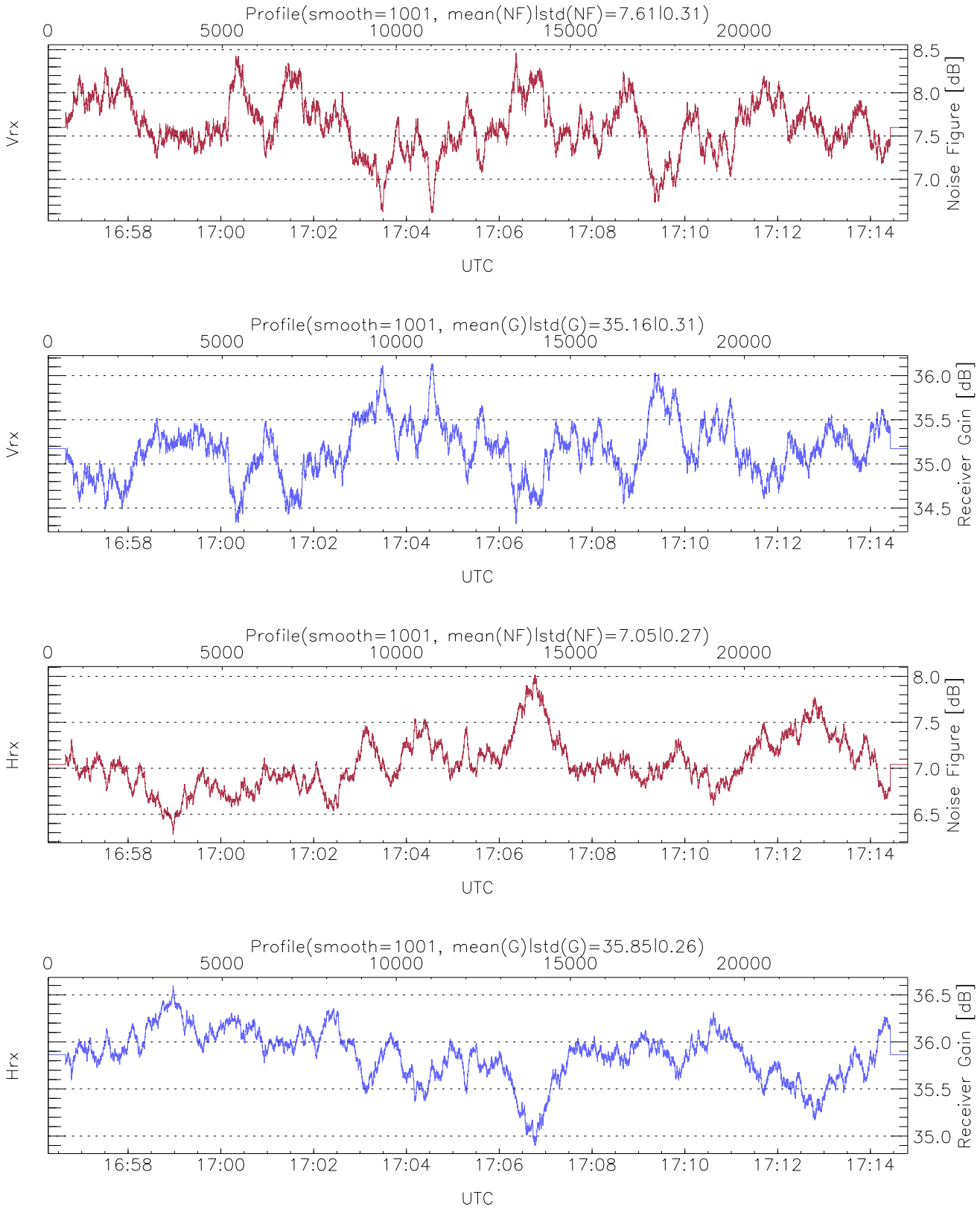
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:56:17-17:14:48, TimeCor: 0.00s, Dur: 1111.46s
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): 24694/24694, 0-24693/16:56:17-17:14:48
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): 3



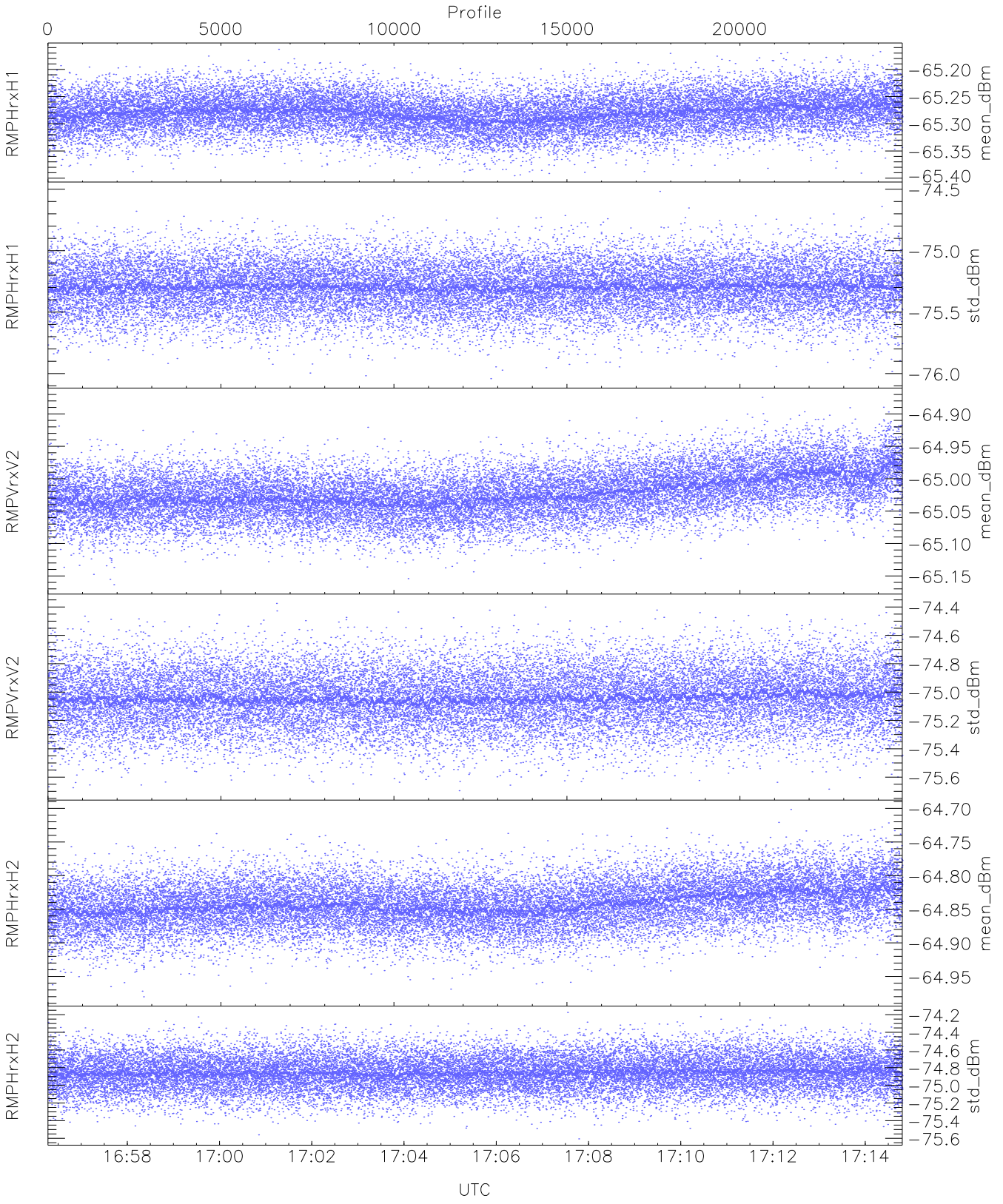
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,29,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,30,32,28,31
LOalarm(20,240,2817,14861 MHz): 0,0,44,0
EIK Faults(# prof affected):
BodyCurr,DeckF (24,24)



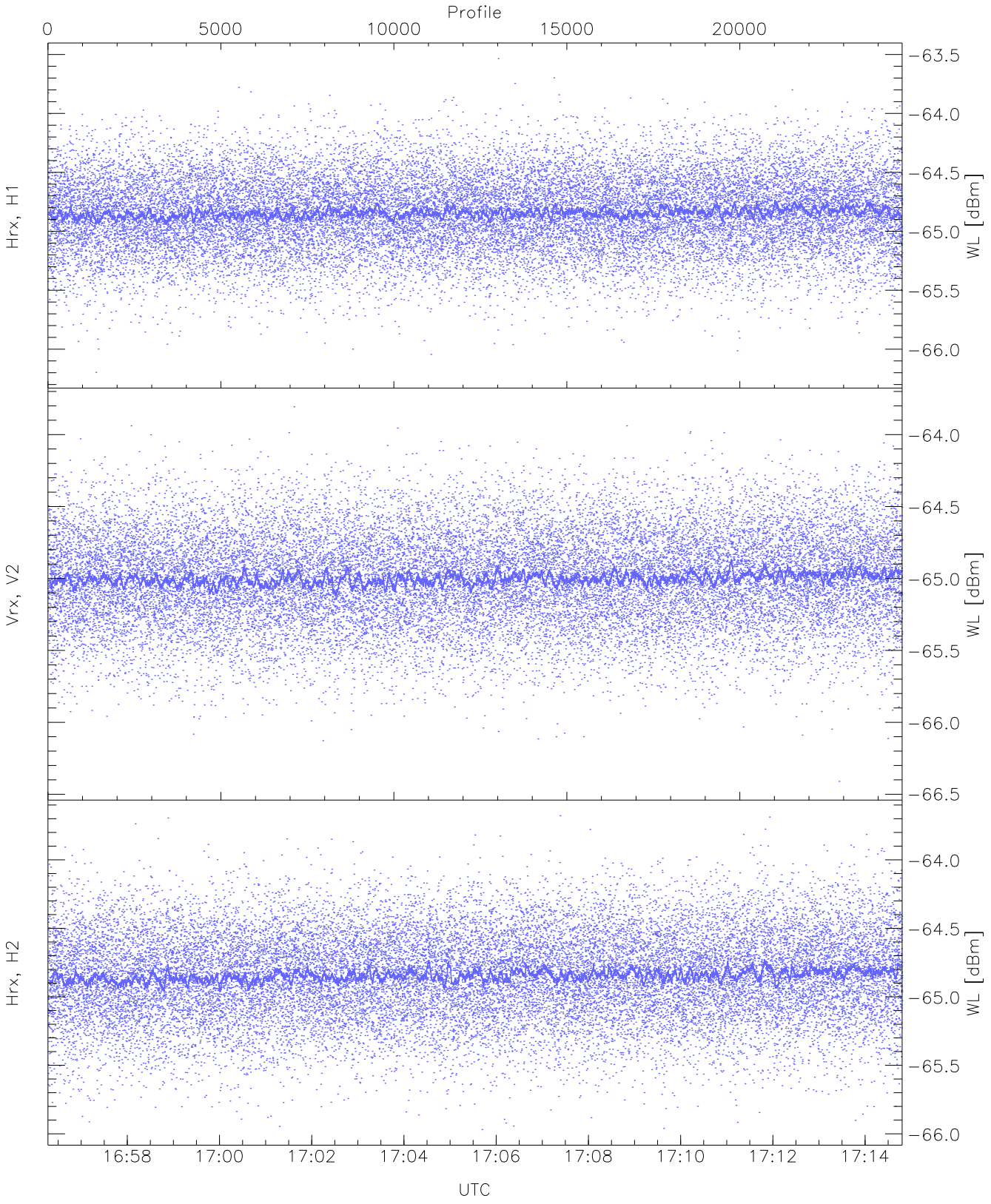
WCR3 CPP Receivers Gain and Noise Figure

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



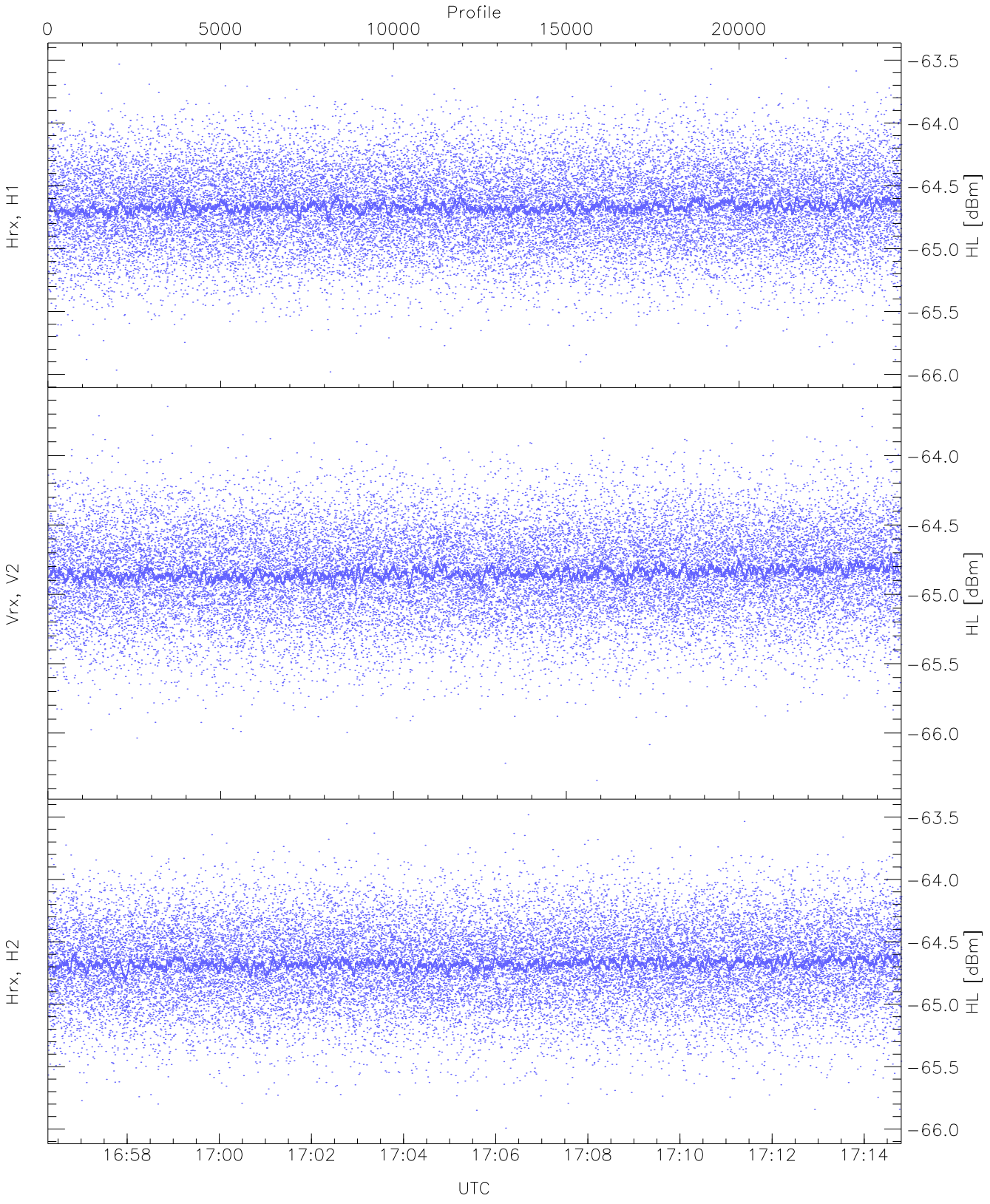
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.16	-65.28	-65.28	-86.73
RMPHrxH1(std_dBm)	-76.04	-74.52	-75.29	-75.29	-89.10
RMPVrxV2(mean_dBm)	-65.16	-64.87	-65.02	-65.02	-86.01
RMPVrxV2(std_dBm)	-75.70	-74.37	-75.04	-75.05	-88.83
RMPHrxH2(mean_dBm)	-64.98	-64.70	-64.84	-64.84	-86.13
RMPHrxH2(std_dBm)	-75.61	-74.17	-74.86	-74.86	-88.64



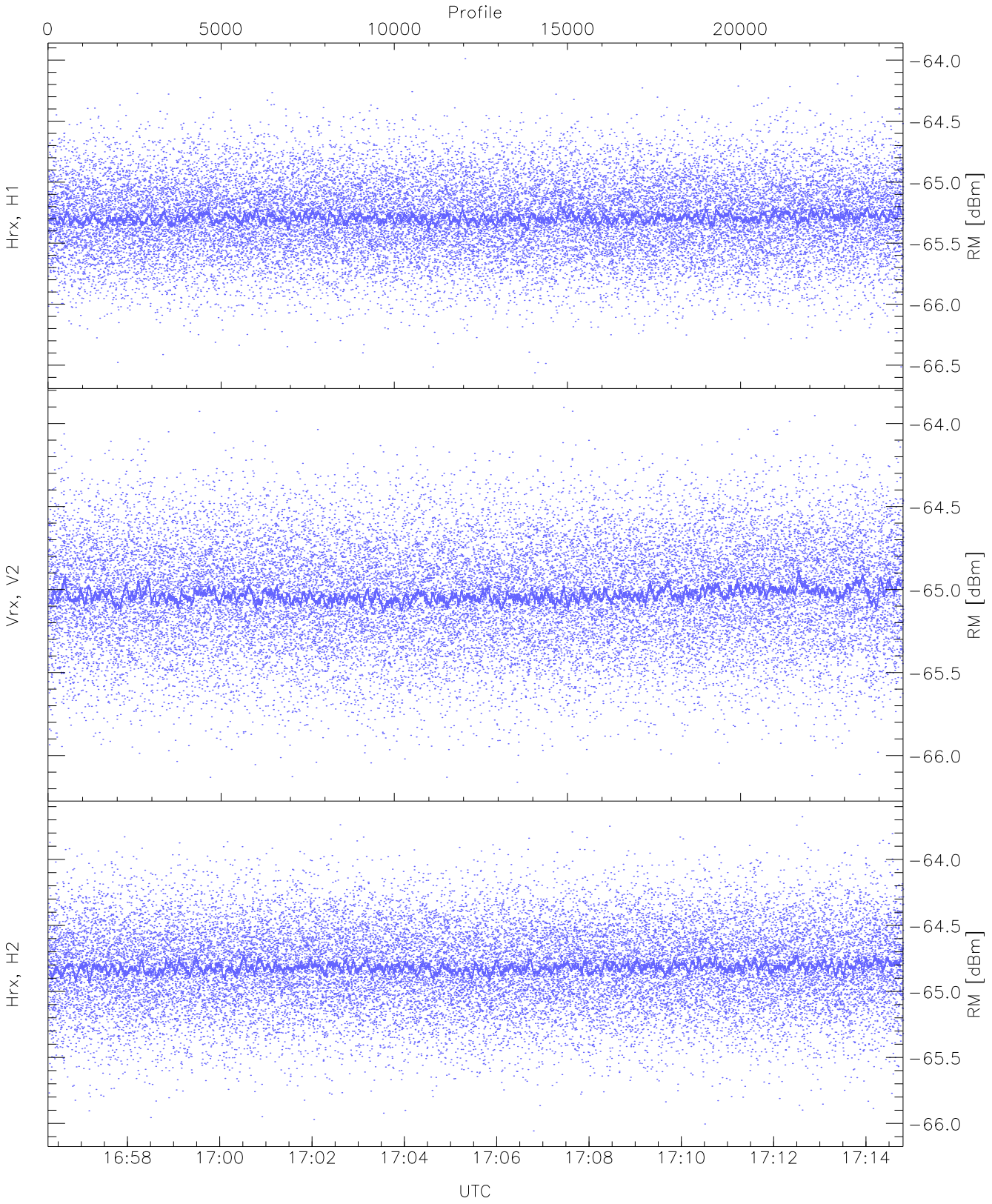
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.20	-63.54	-64.84	-64.85	-76.36
Vrx, V2(WL [dBm])	-66.41	-63.81	-64.99	-65.00	-76.50
Hrx, H2(WL [dBm])	-65.97	-63.68	-64.84	-64.84	-76.37



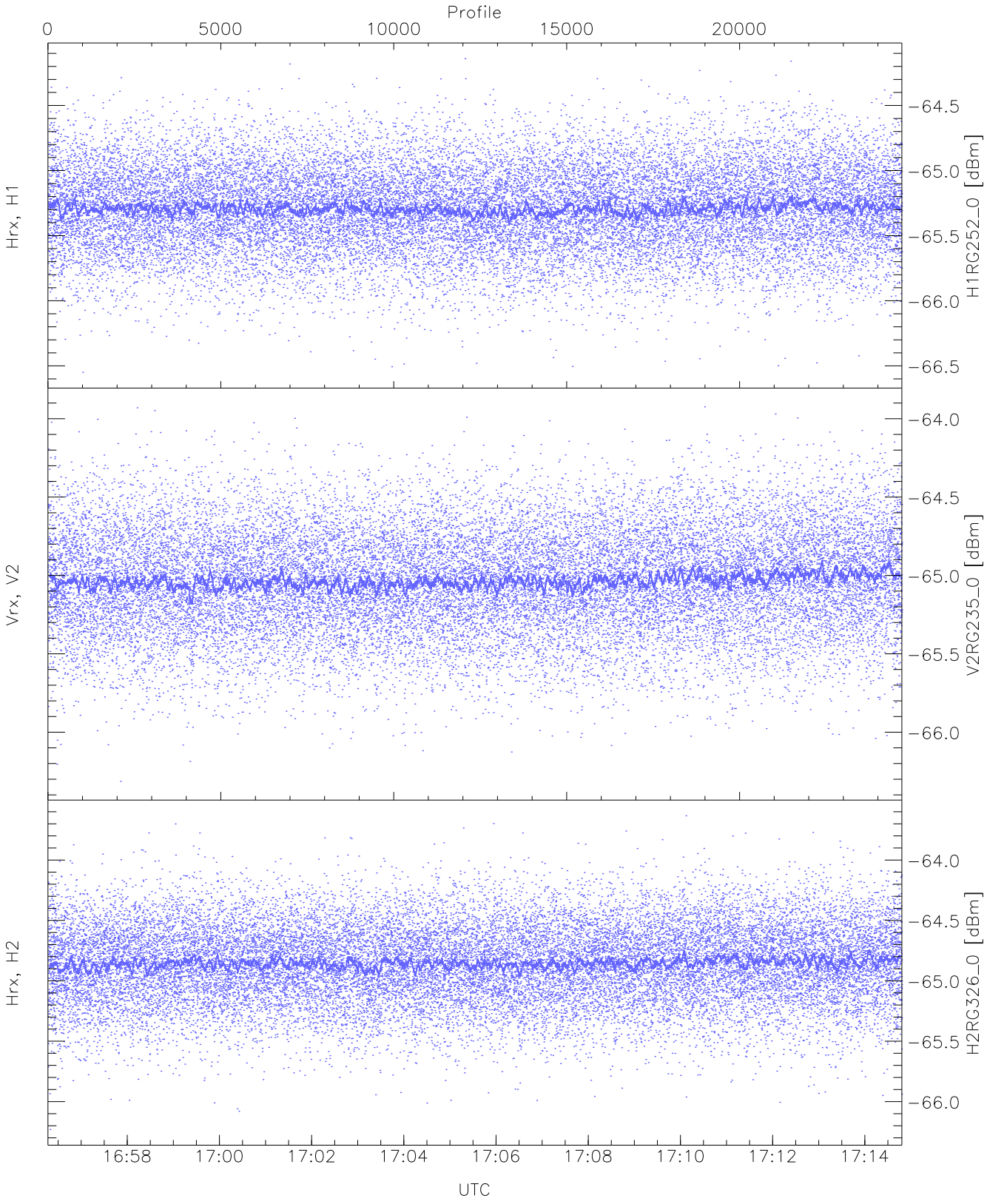
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.49	-64.66	-64.67	-76.15
Vrx, V2(HL [dBm])	-66.34	-63.64	-64.84	-64.85	-76.35
Hrx, H2(HL [dBm])	-65.99	-63.48	-64.67	-64.67	-76.15



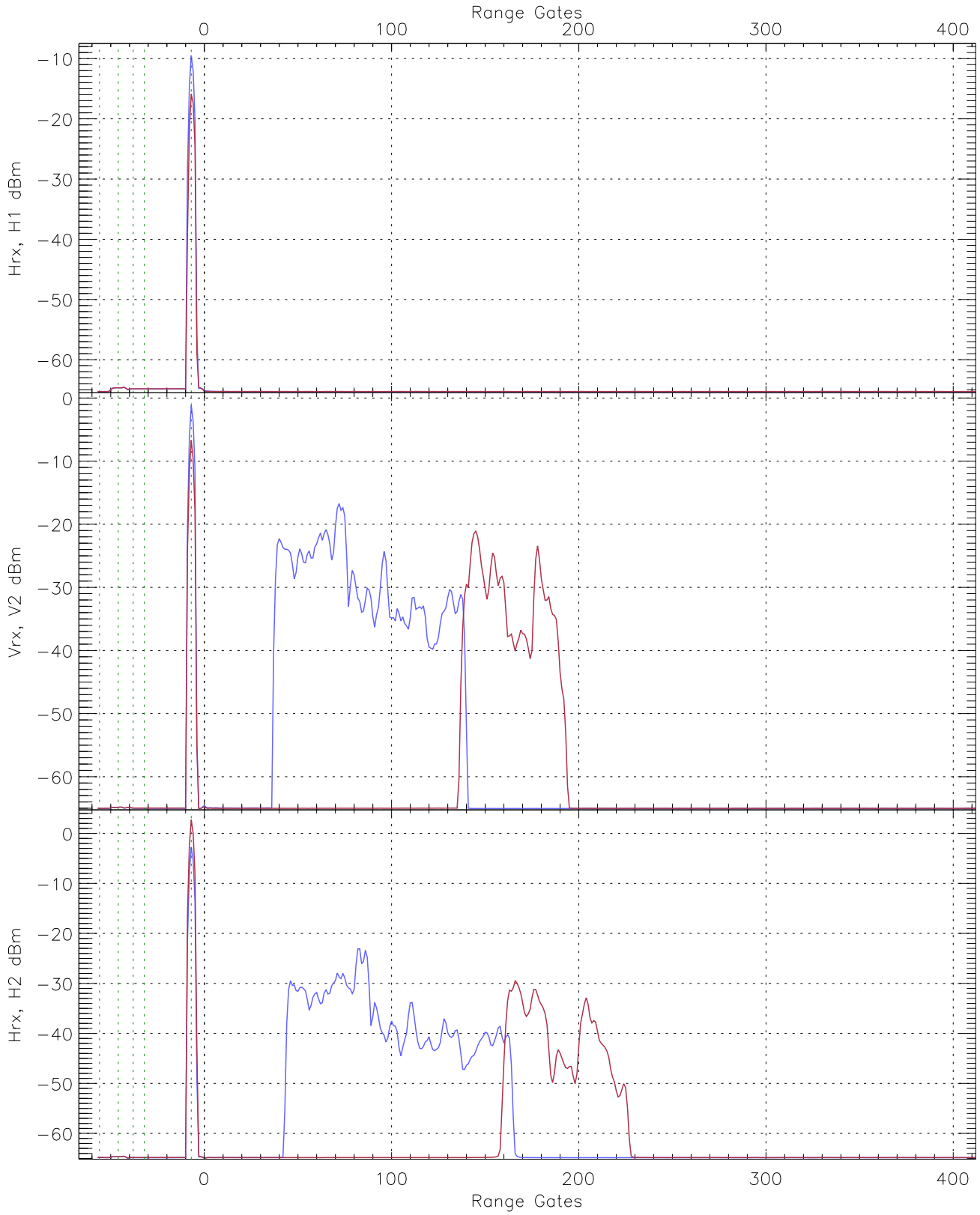
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-63.99	-65.28	-65.29	-76.79
Vrx, V2(RM [dBm])	-66.16	-63.90	-65.02	-65.03	-76.53
Hrx, H2(RM [dBm])	-66.06	-63.68	-64.81	-64.82	-76.31

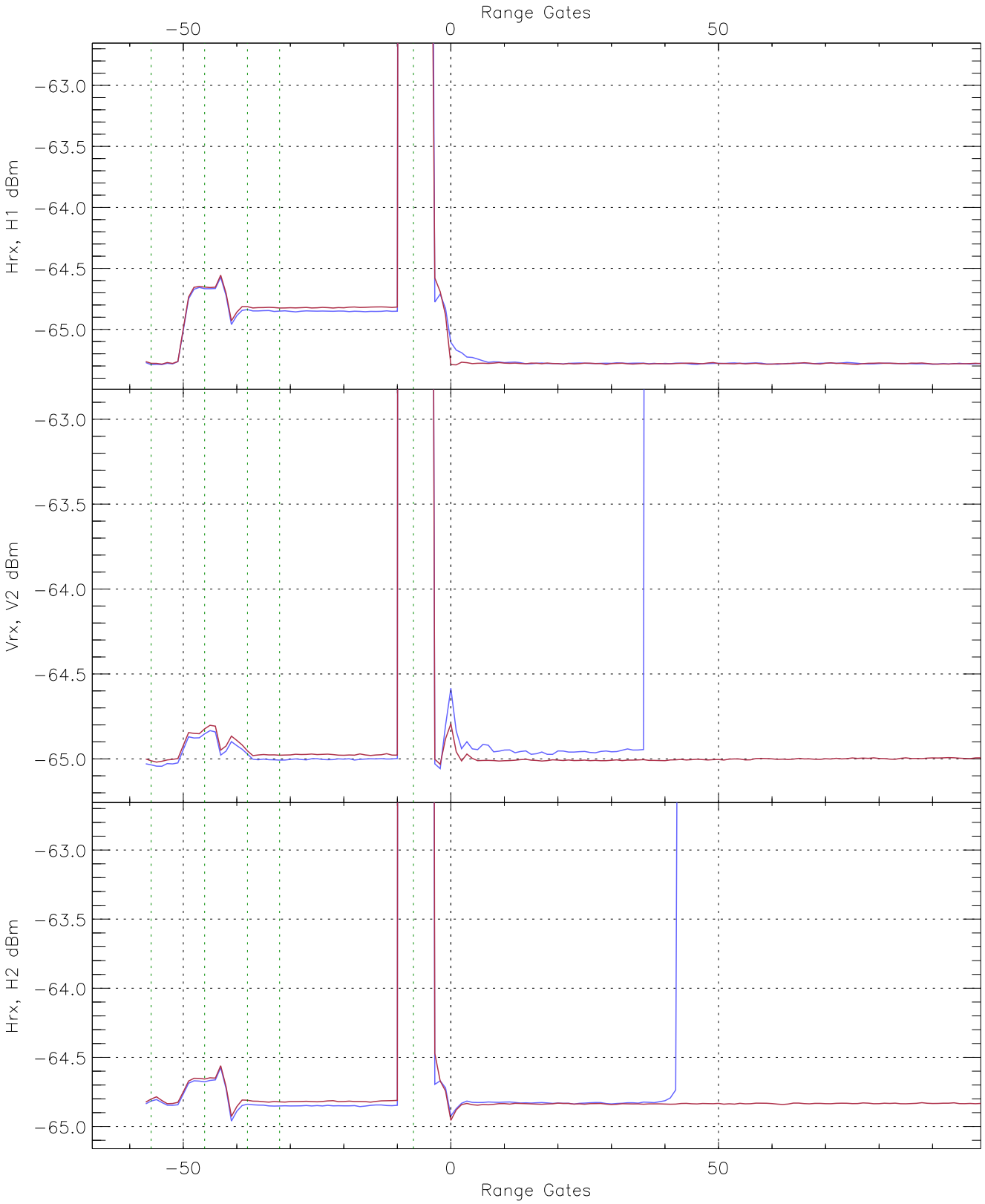


WCR3 CPP "Best" estimate Receivers Noise Power

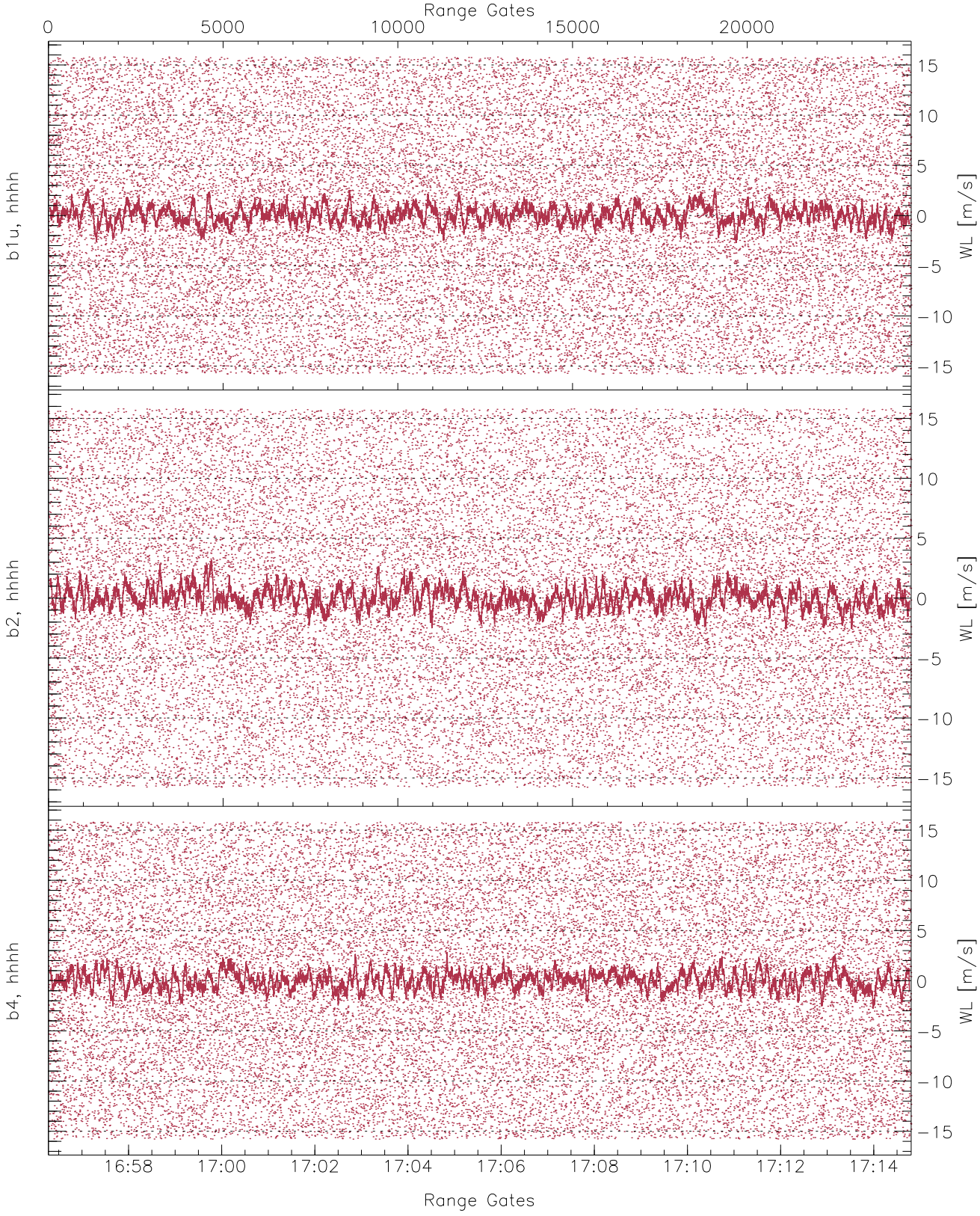
	Min	Max	Mean	Median	StDev
H1RG252_0 [dBm]	-66.55	-64.14	-65.29	-65.29	-76.80
V2RG235_0 [dBm]	-66.31	-63.92	-65.03	-65.04	-76.52
H2RG326_0 [dBm]	-66.23	-63.63	-64.85	-64.85	-76.34



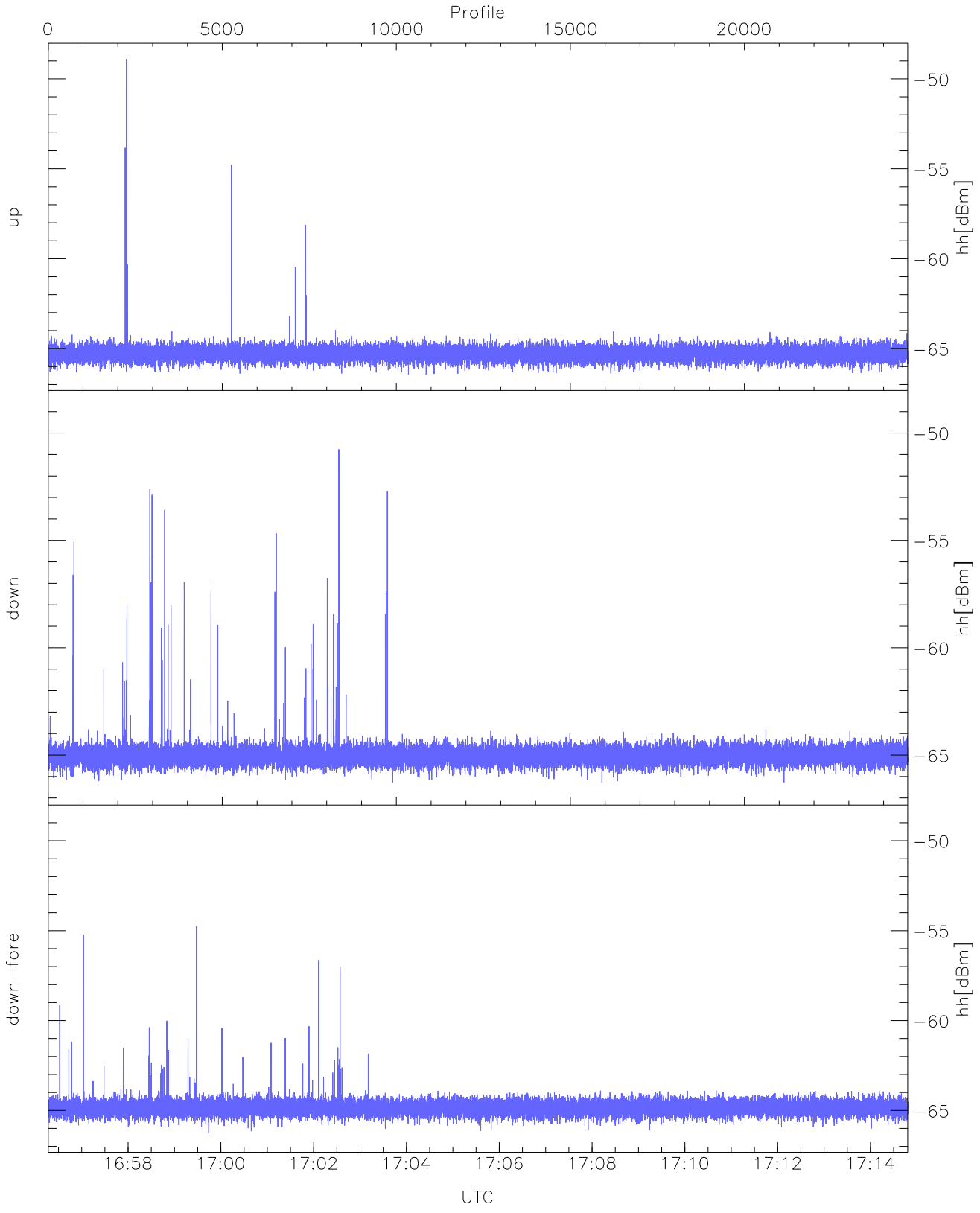
WCR3 CPP Averaged Received power for all recorded gates
blue: 165617-170532, 12348 profiles averaged
red: 170532-171448, 12347 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 165617-170532, 12348 profiles averaged
red: 170532-171448, 12347 profiles averaged

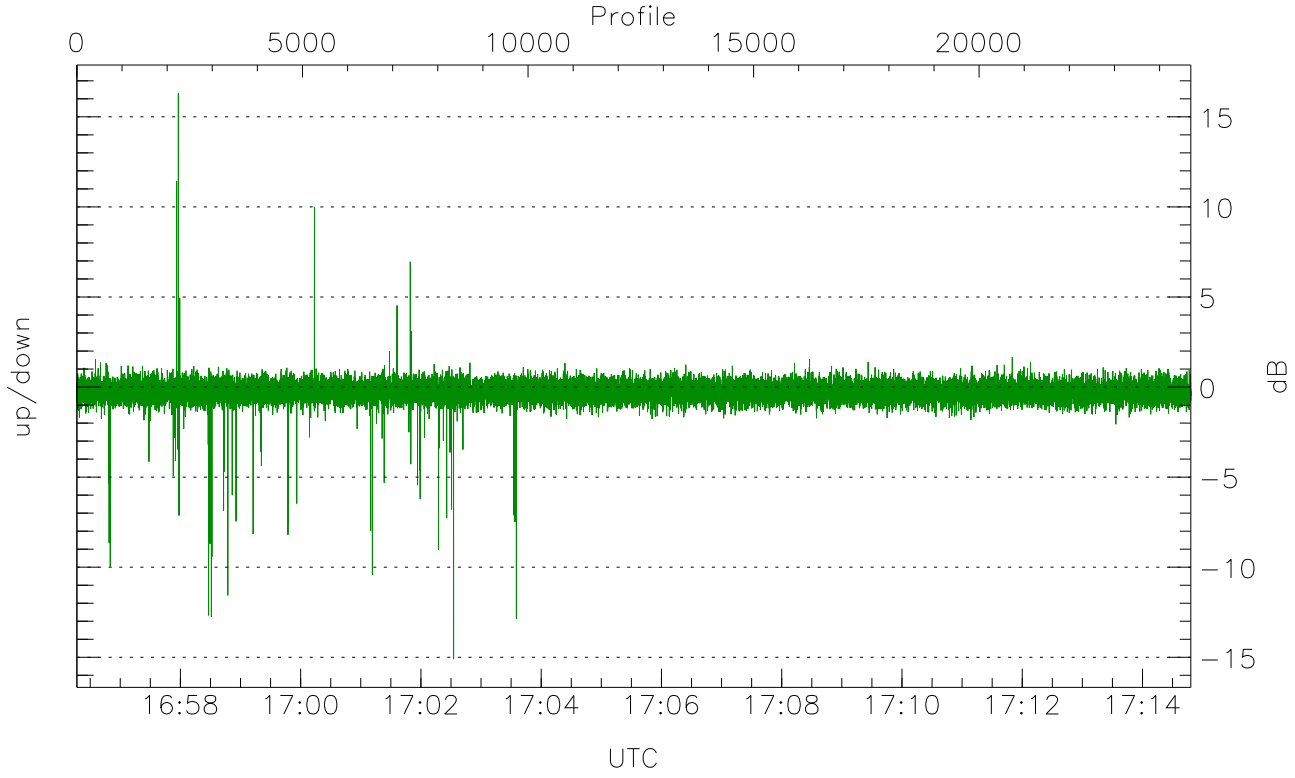


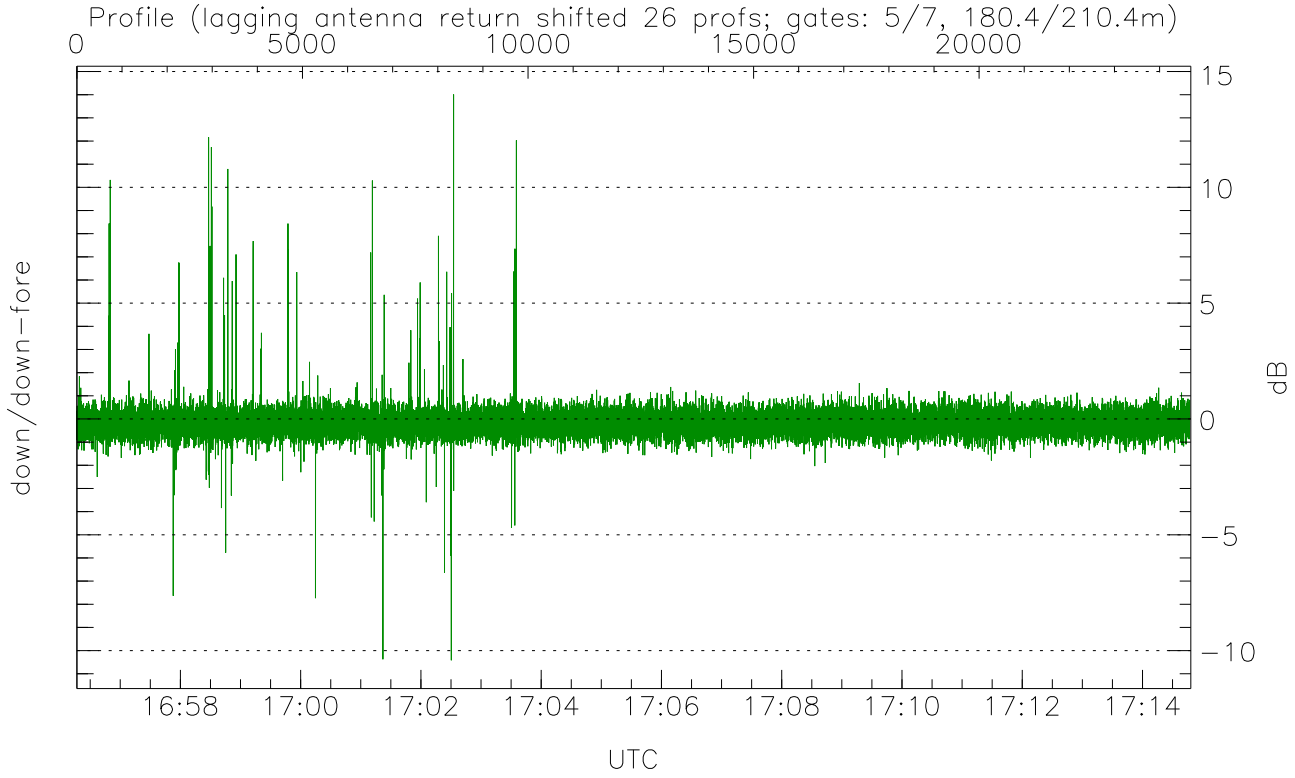
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

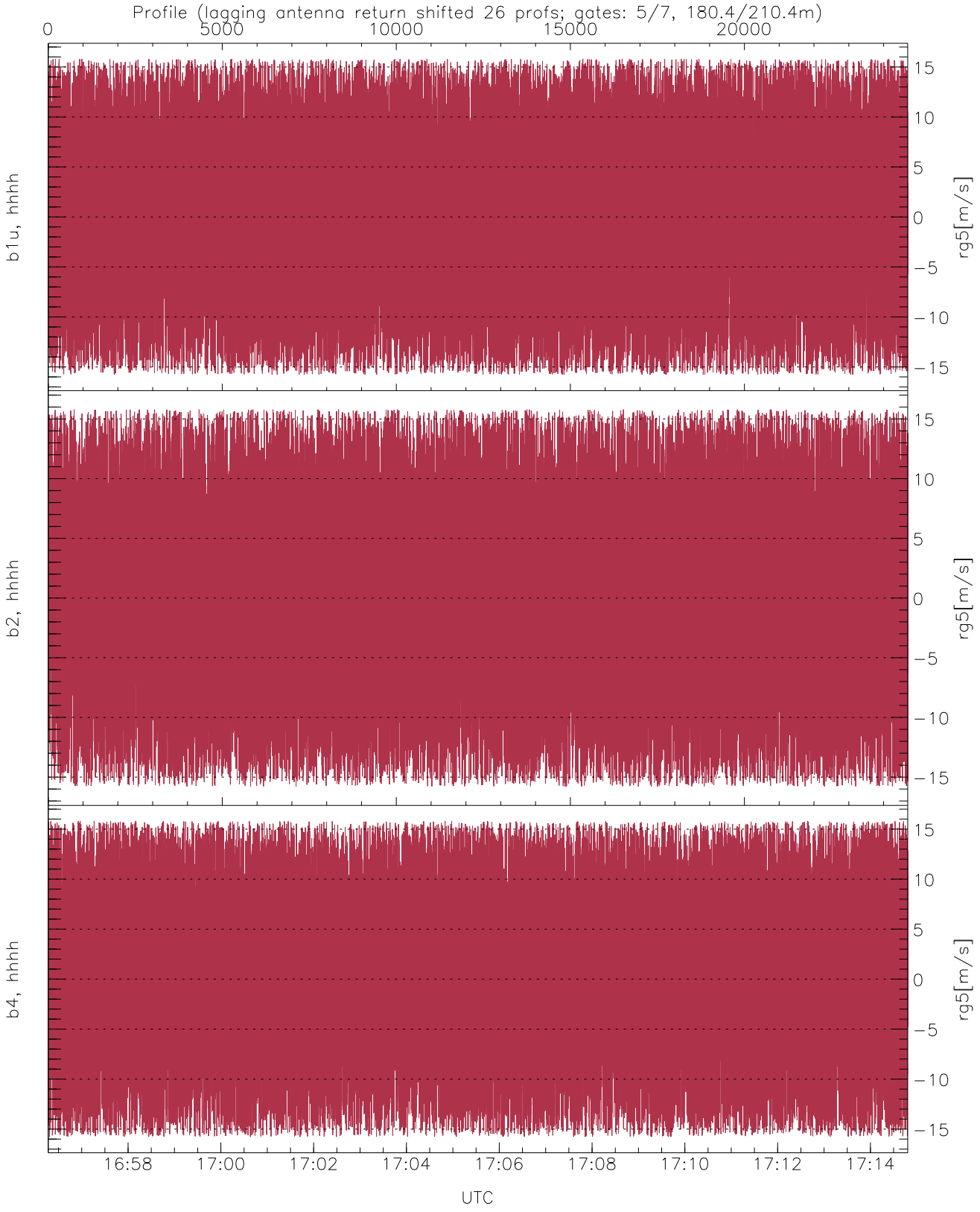
	Min	Max	Mean
up(hh[dBm])	-66.45	-48.90	-65.26
down(hh[dBm])	-66.29	-50.76	-64.98
down-fore(hh[dBm])	-66.26	-54.75	-64.84





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

	Min	Max	Mean
up/down(dB)	-15.10	16.31	-0.27
down/down-fore(dB)	-10.42	14.01	-0.17



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	-0.05	8.70
b2, hhhh(rg5[m/s])	-15.79	15.79	0.03	8.63
b4, hhhh(rg5[m/s])	-15.78	15.79	0.12	8.77