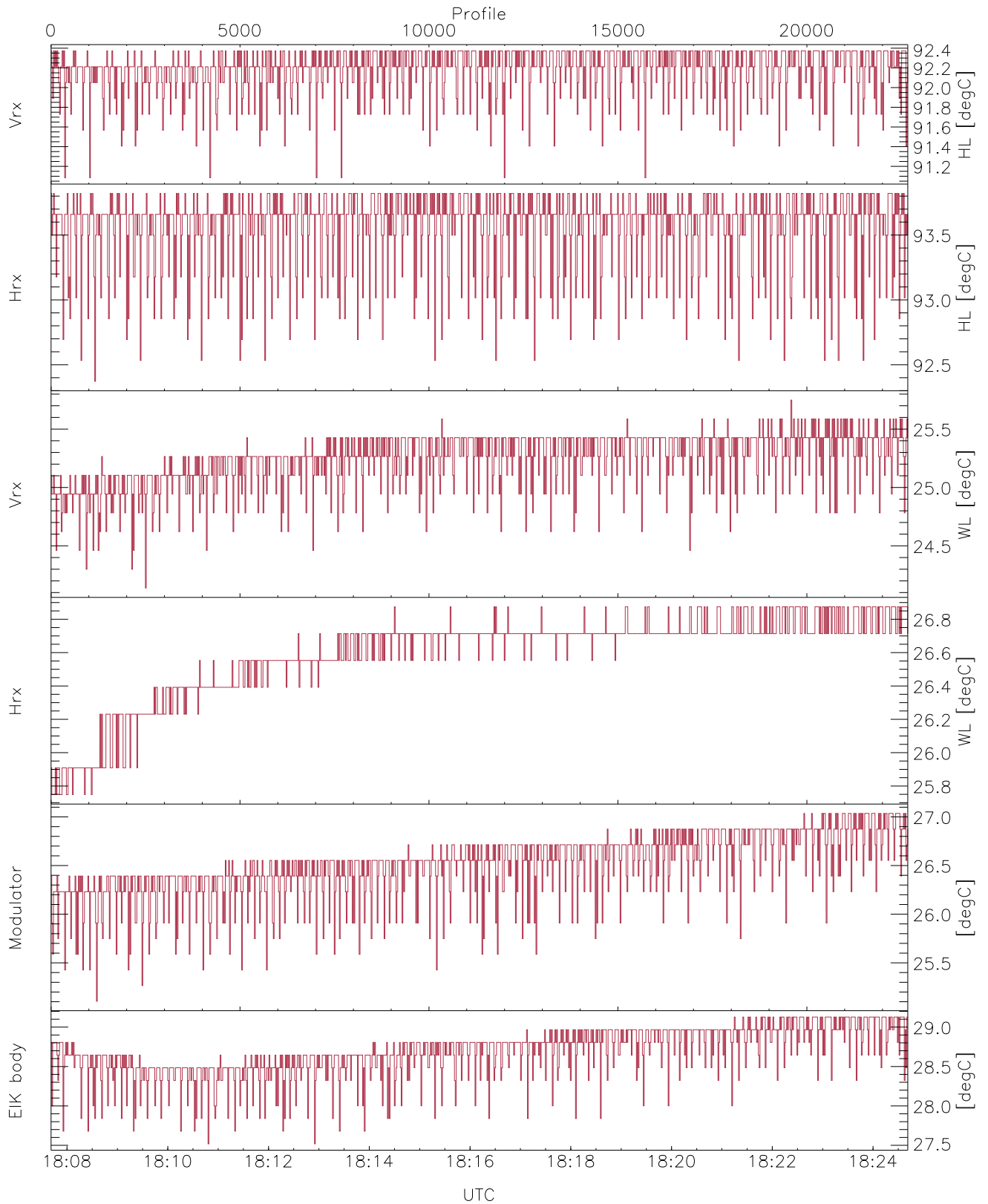


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:07:41-18:24:41, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/18:07:41-18:24:41
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

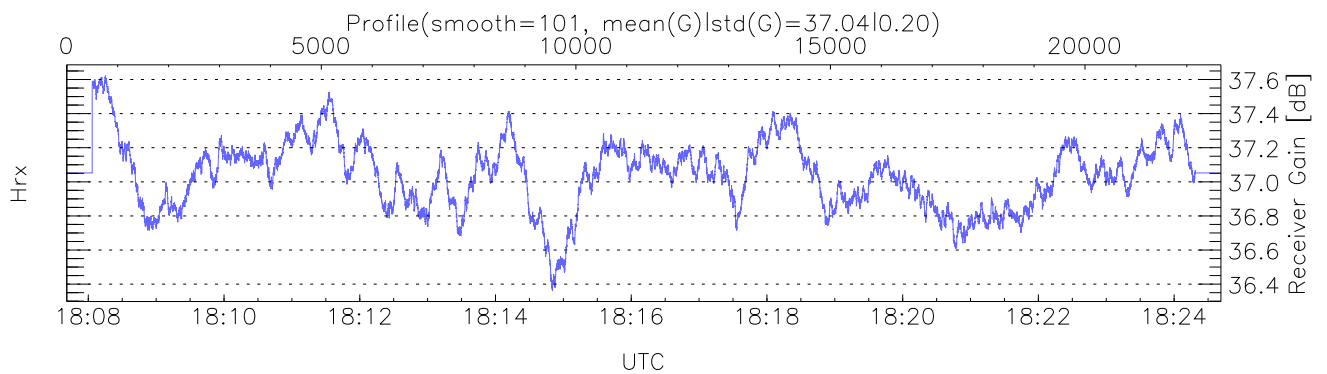
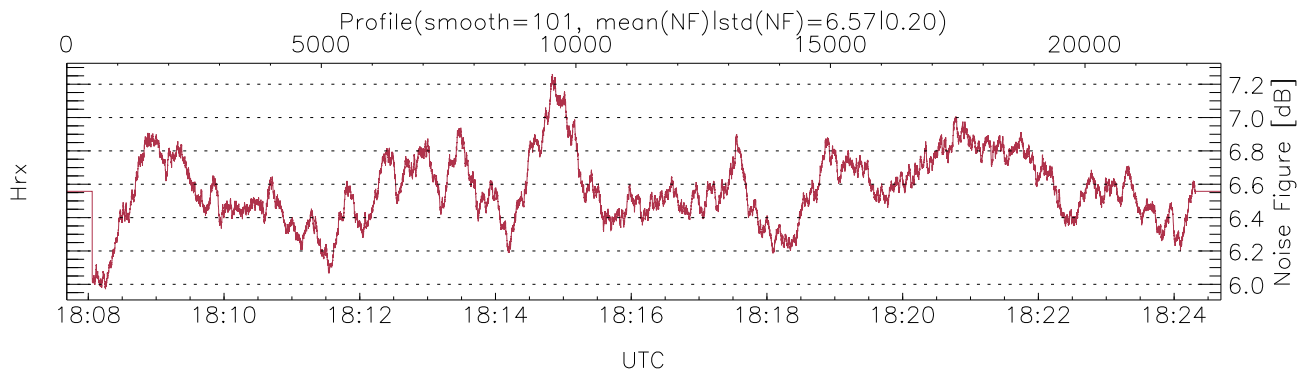
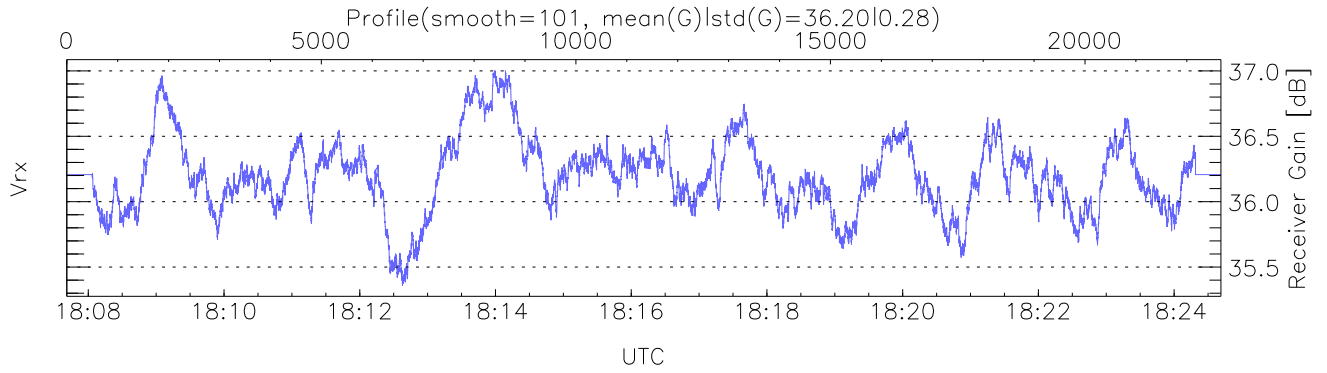
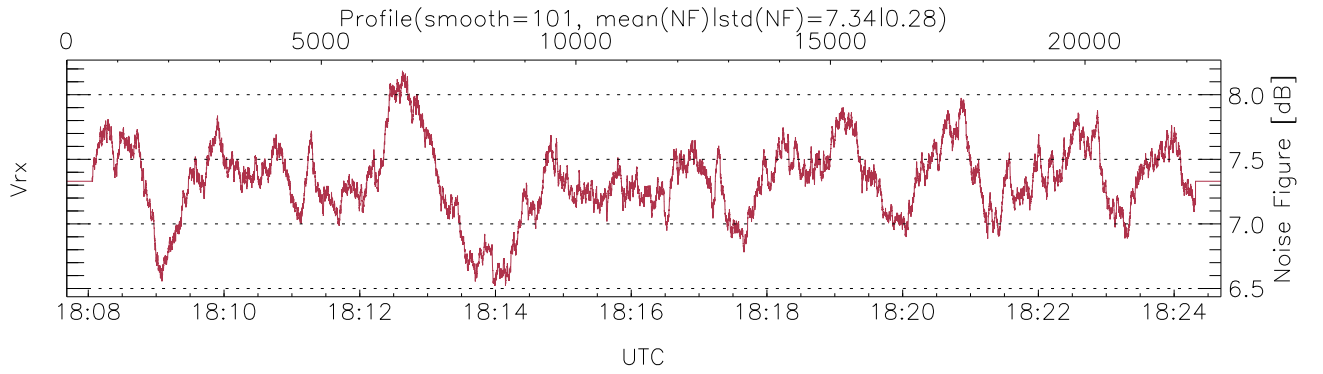
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,25,27`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,27,29`

`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`

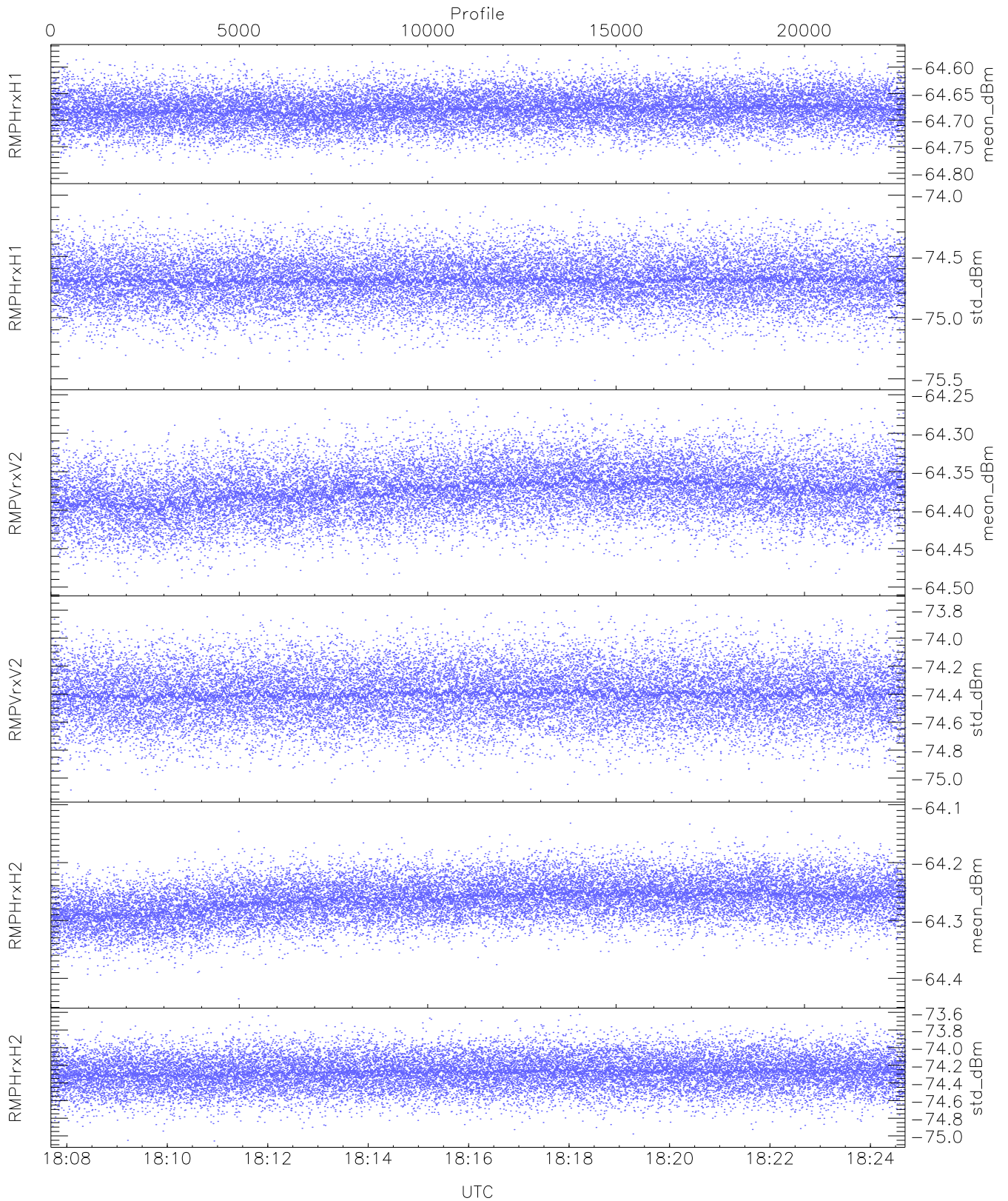
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS,Fault1 (44,44,44,44,44,44,22)`



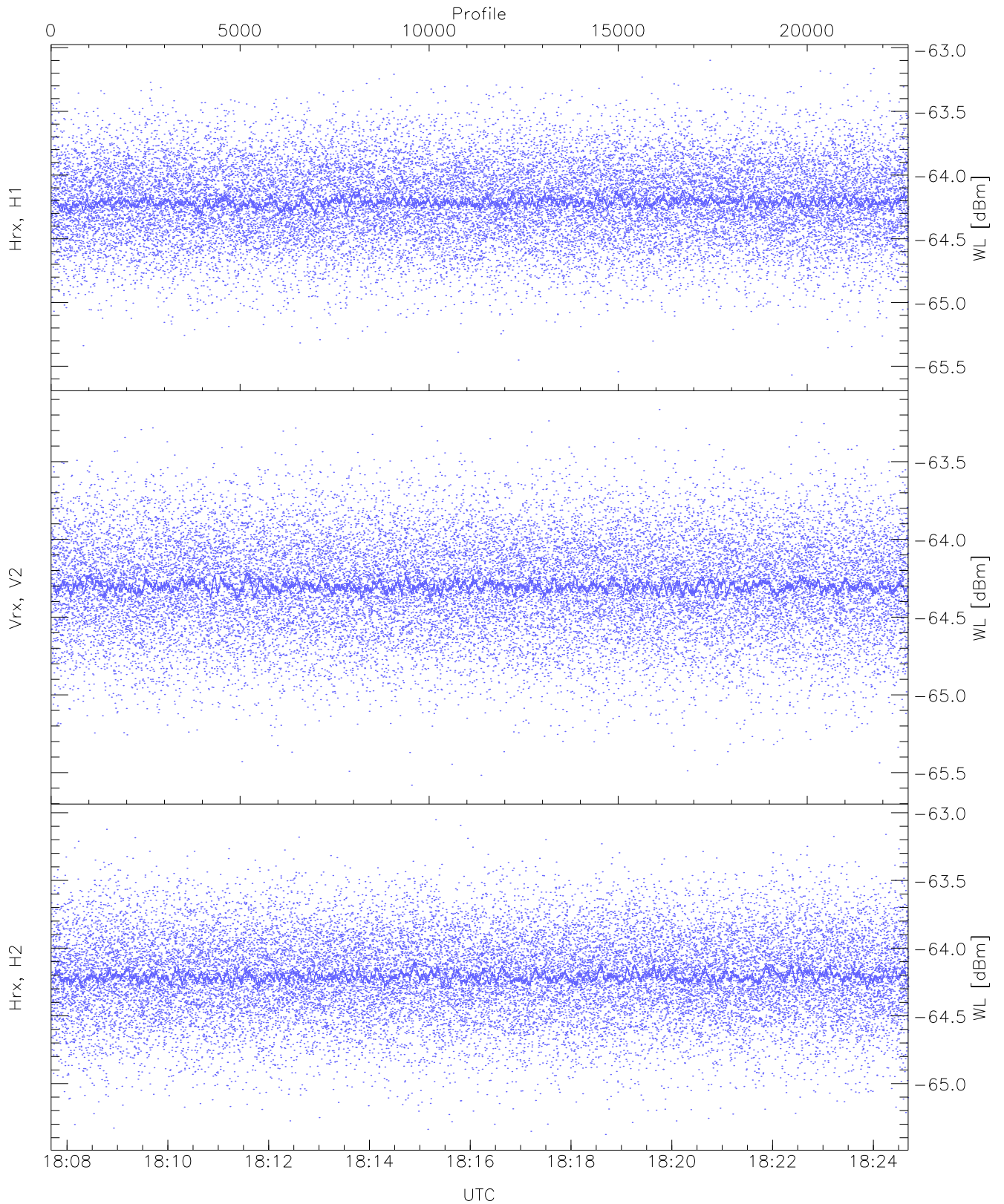
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 12 pixs, 3 gates, 12 profs, 1 prod(s)



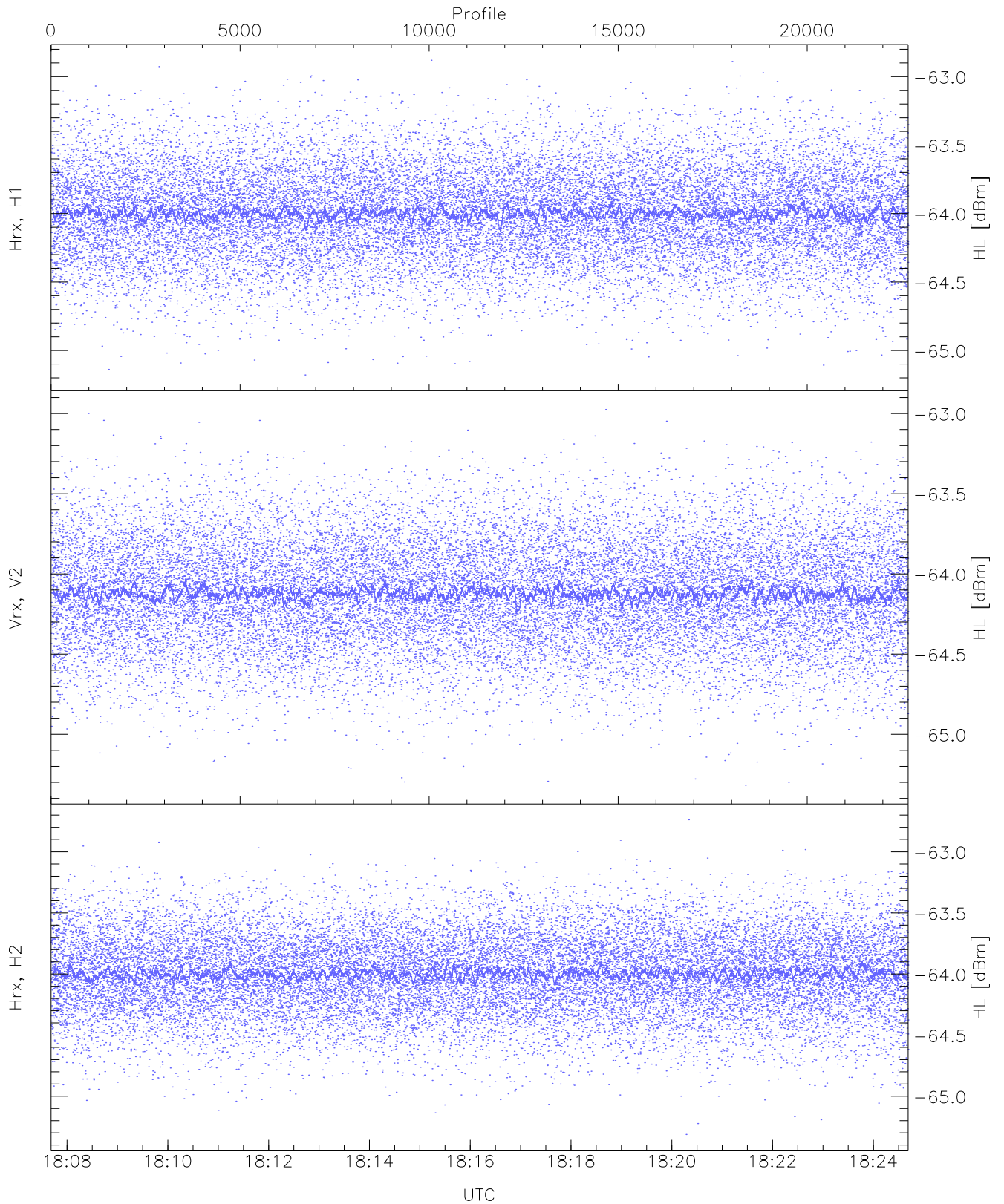
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-64.81	-64.57	-64.68	-64.68	-86.24
RMPHrxH1 (std_dBm)	-75.51	-73.98	-74.69	-74.70	-88.49
RMPVrxV2 (mean_dBm)	-64.50	-64.26	-64.37	-64.37	-85.68
RMPVrxV2 (std_dBm)	-75.10	-73.76	-74.40	-74.40	-88.20
RMPHrxH2 (mean_dBm)	-64.44	-64.11	-64.26	-64.26	-85.40
RMPHrxH2 (std_dBm)	-75.06	-73.62	-74.28	-74.28	-88.05



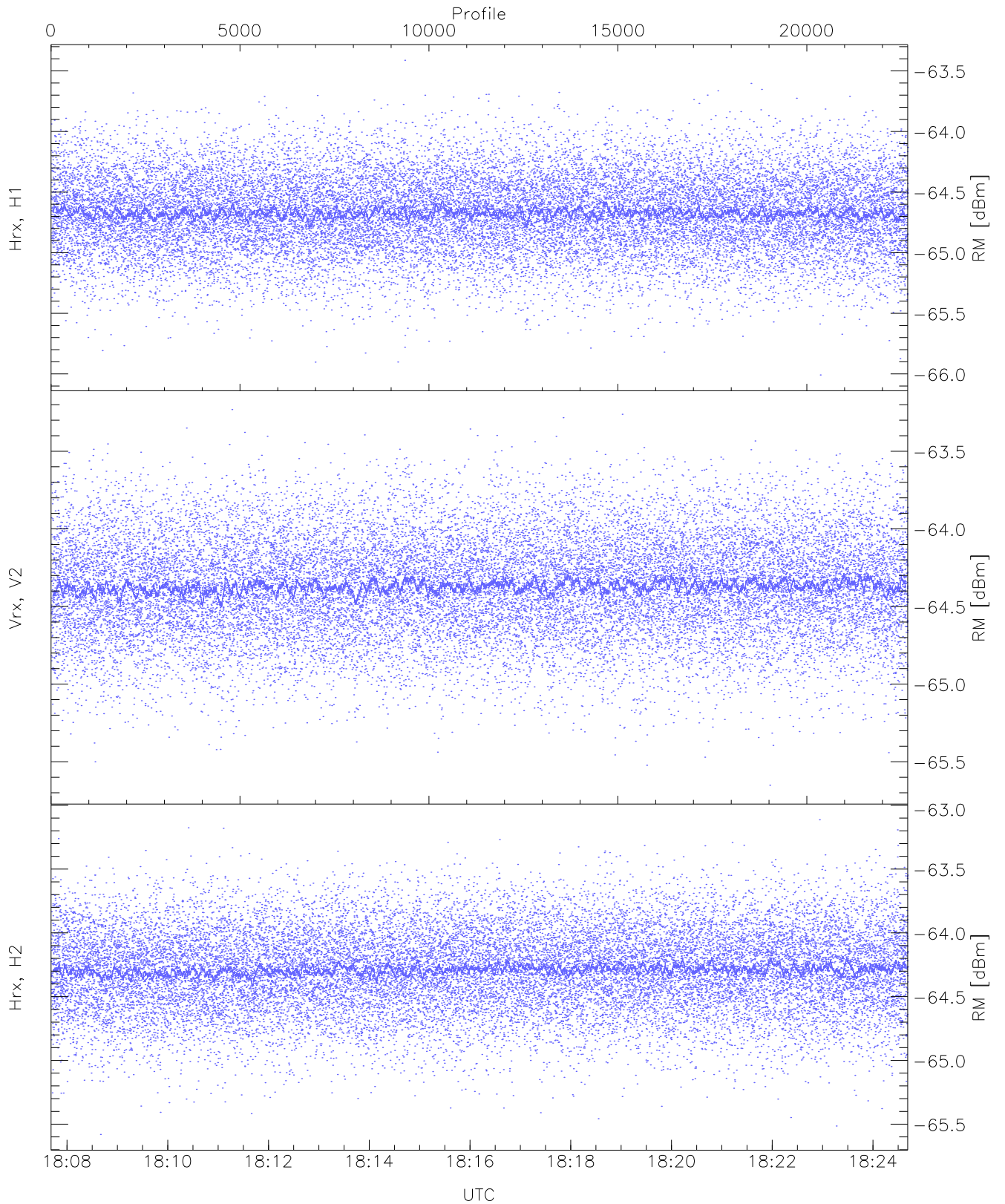
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.57	-63.10	-64.20	-64.21	-75.73
Vrx, V2 (WL [dBm])	-65.58	-63.16	-64.29	-64.30	-75.82
Hrx, H2 (WL [dBm])	-65.38	-63.05	-64.20	-64.21	-75.69



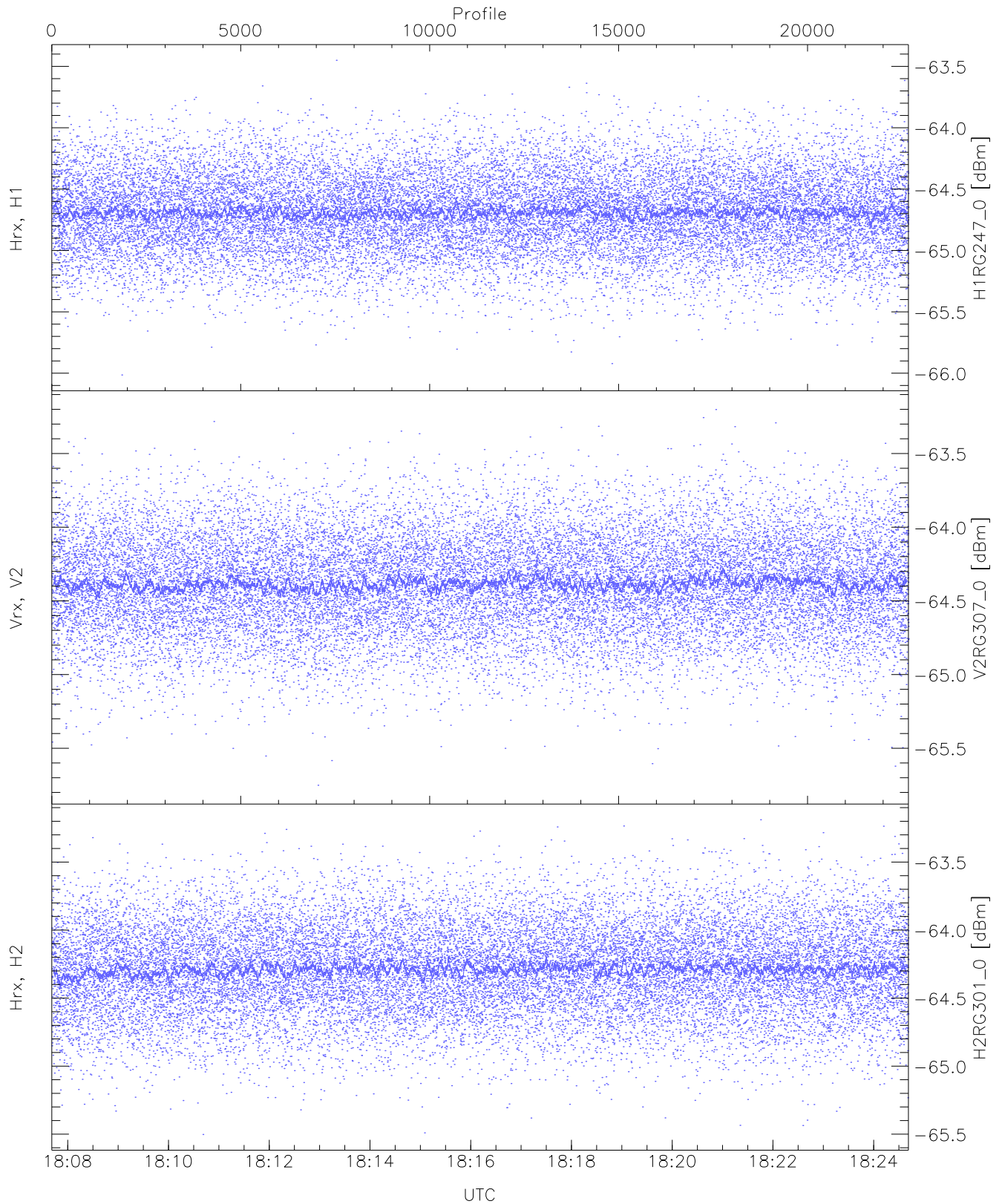
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.18	-62.88	-63.99	-64.00	-75.49
Vrx, V2 (HL [dBm])	-65.32	-62.97	-64.12	-64.12	-75.65
Hrx, H2 (HL [dBm])	-65.31	-62.74	-63.99	-64.00	-75.52



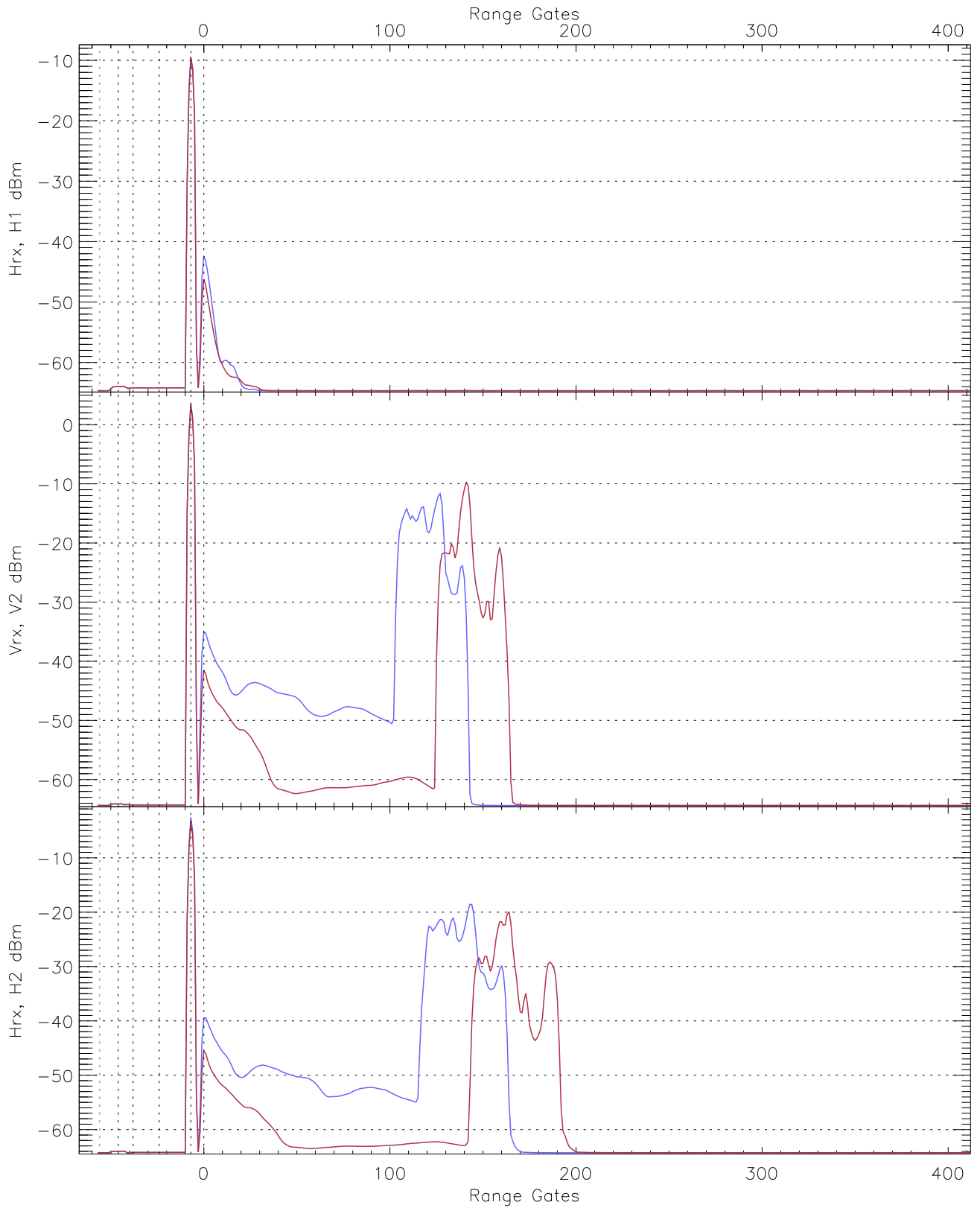
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.01	-63.41	-64.67	-64.67	-76.18
Vrx, V2 (RM [dBm])	-65.65	-63.23	-64.36	-64.37	-75.88
Hrx, H2 (RM [dBm])	-65.58	-63.11	-64.28	-64.29	-75.78

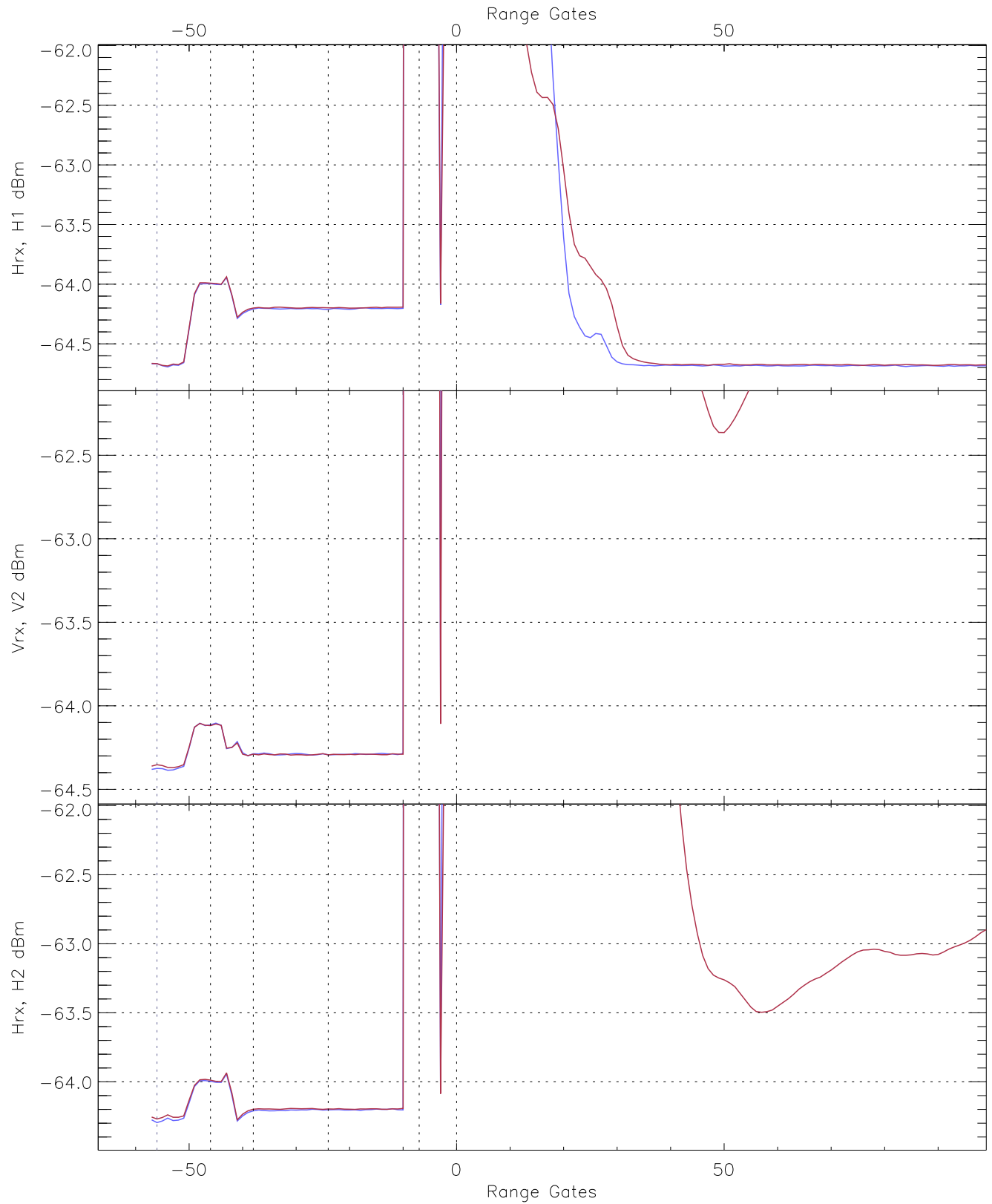


WCR3 CPP "Best" estimate Receivers Noise Power

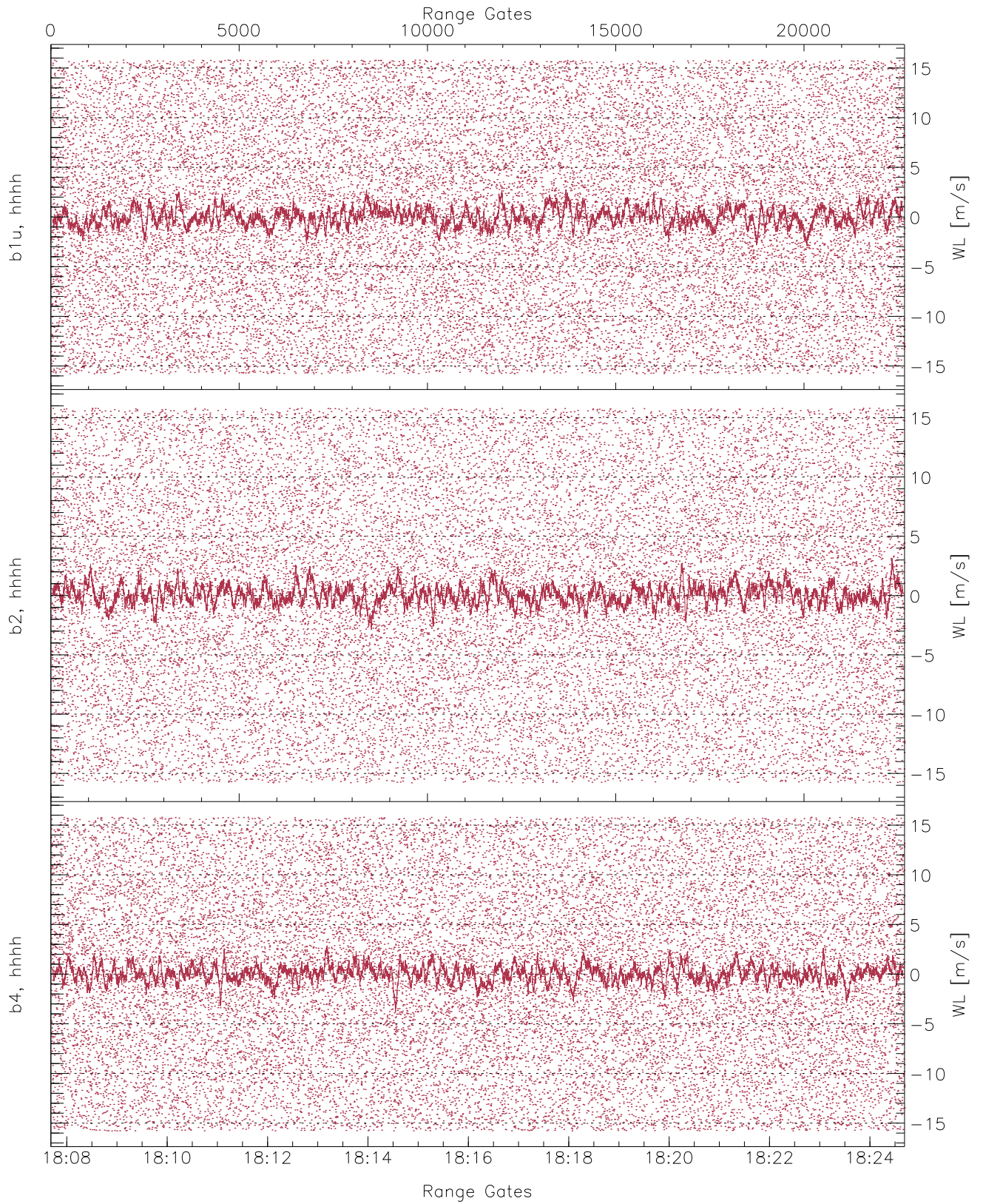
	Min	Max	Mean	Median	StDev
H1RG247_0 [dBm]	-66.01	-63.45	-64.68	-64.69	-76.23
V2RG307_0 [dBm]	-65.75	-63.20	-64.38	-64.39	-75.87
H2RG301_0 [dBm]	-65.50	-63.19	-64.28	-64.29	-75.81



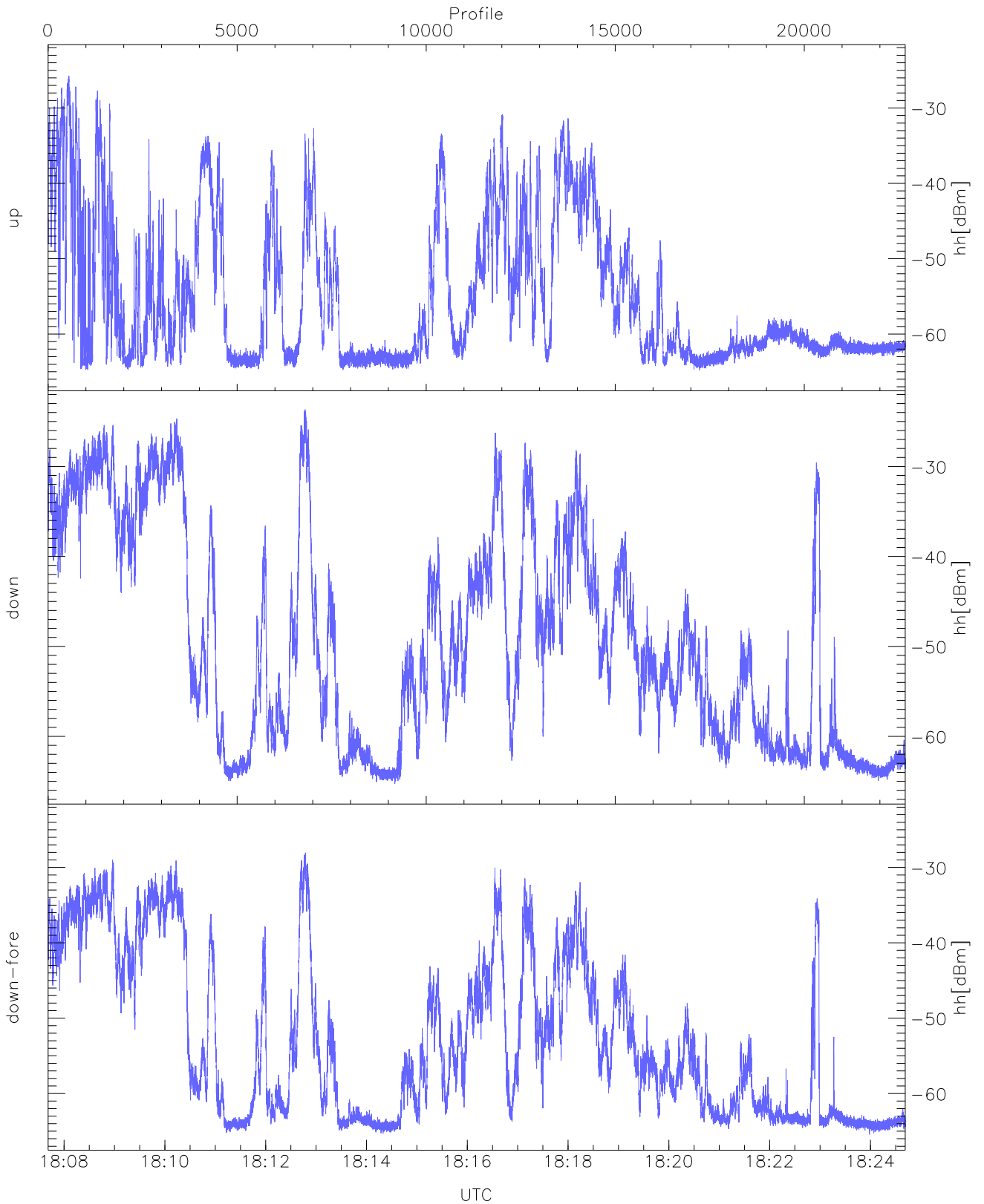
WCR3 CPP Averaged Received power for all recorded gates
blue: 180741-181611, 11337 profiles averaged
red: 181611-182441, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180741-181611, 11337 profiles averaged
red: 181611-182441, 11336 profiles averaged

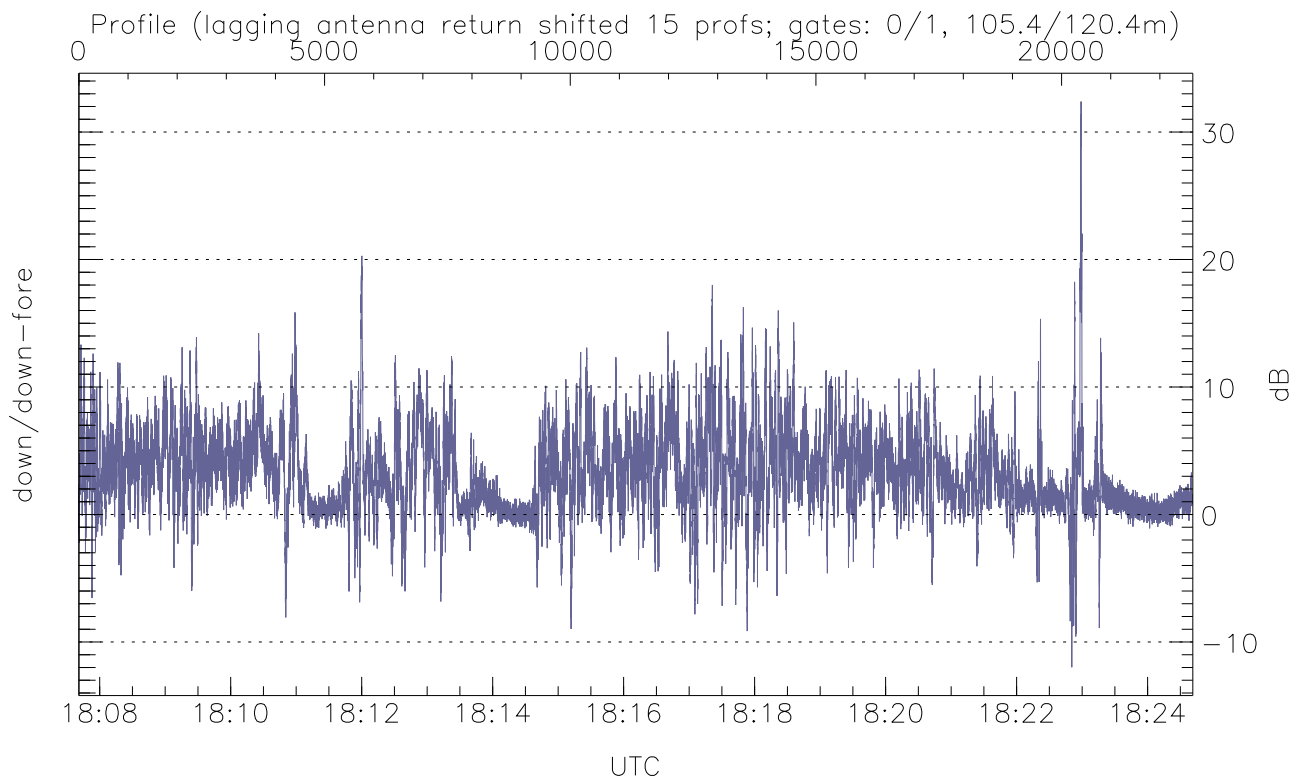
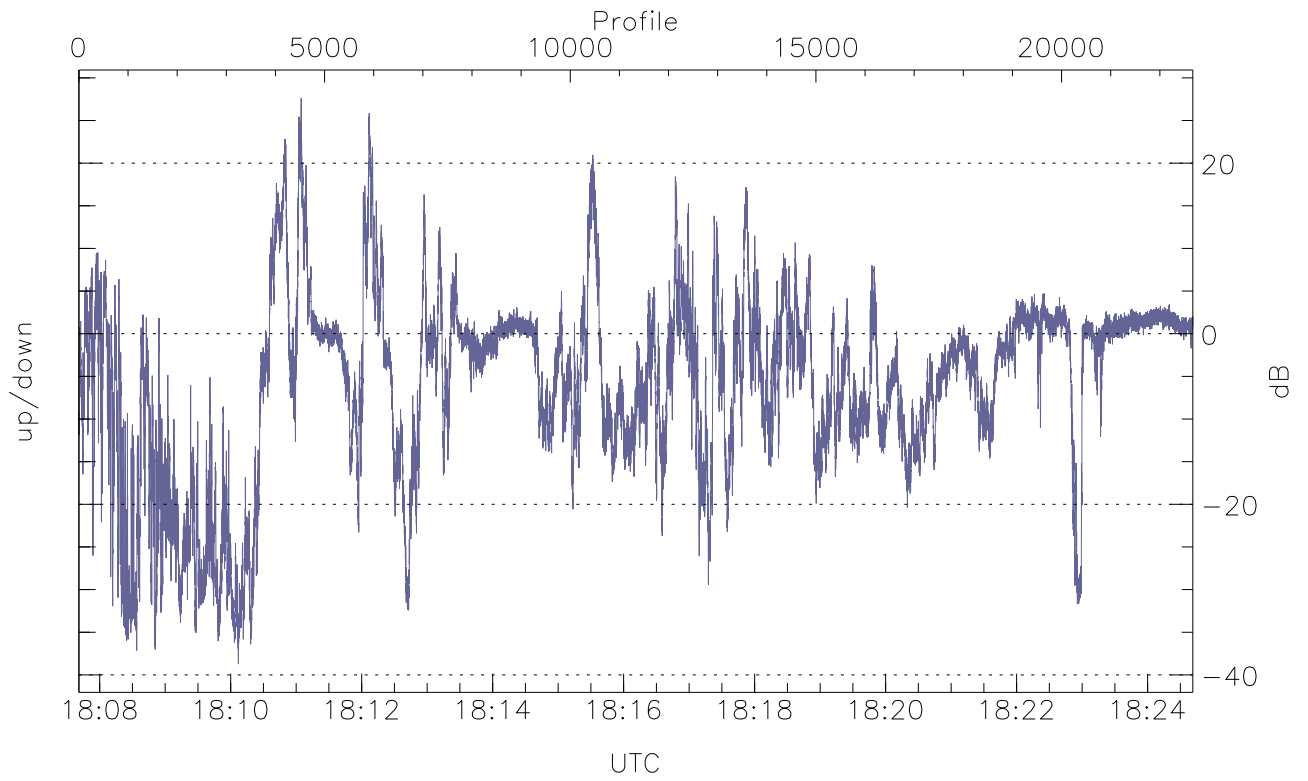


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



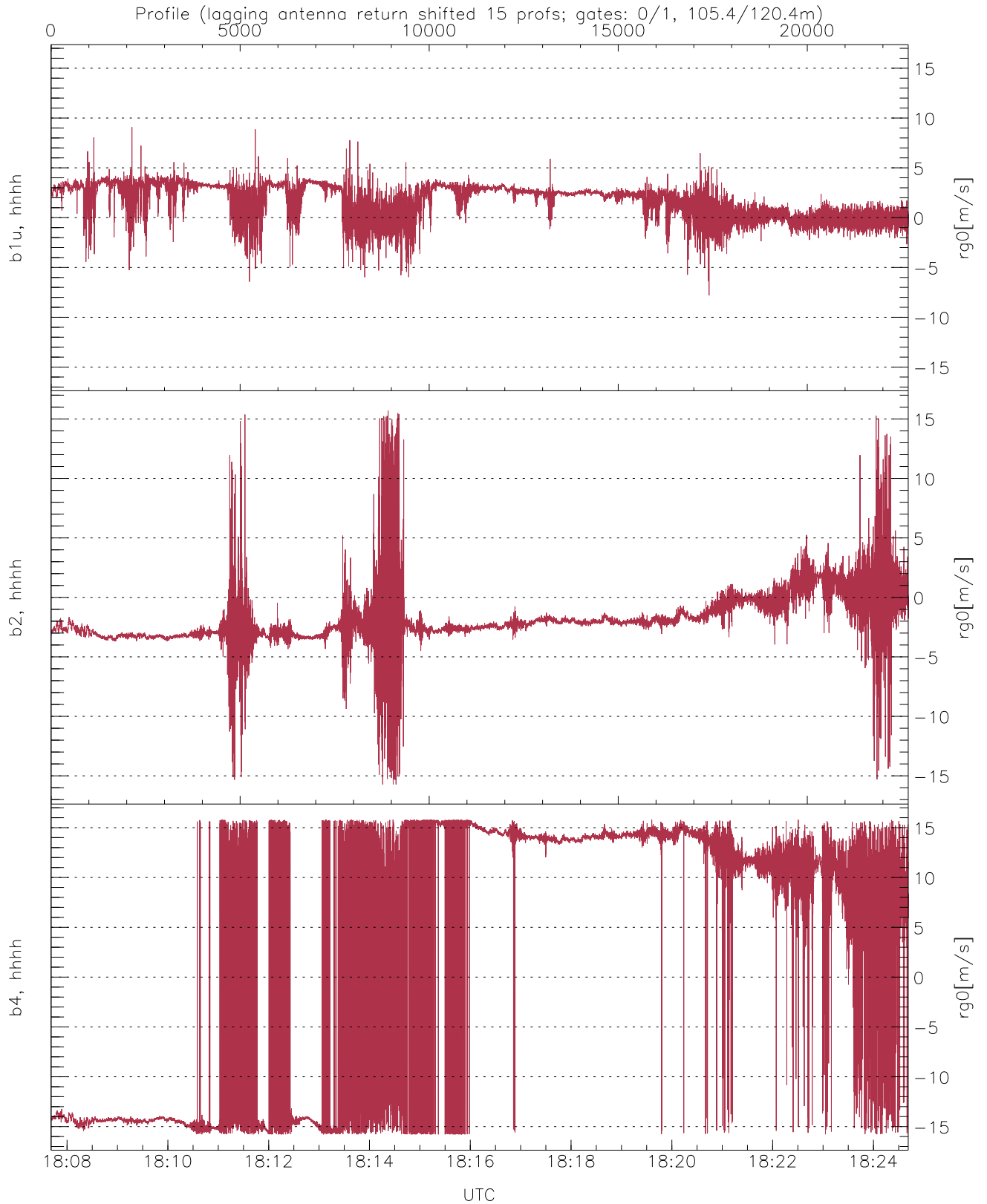
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.78	-25.75	-43.92
down(hh[dBm])	-65.28	-23.67	-37.12
down-fore(hh[dBm])	-65.44	-28.04	-41.53



WCR3 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-38.73	27.60	-5.70
down/down-fore (dB)	-11.98	32.39	3.25



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh($rg0$ [m/s])	-7.80	9.09	1.64	1.62
b2, hhhh($rg0$ [m/s])	-15.73	15.70	-1.82	2.12
b4, hhhh($rg0$ [m/s])	-15.79	15.79	2.83	13.22