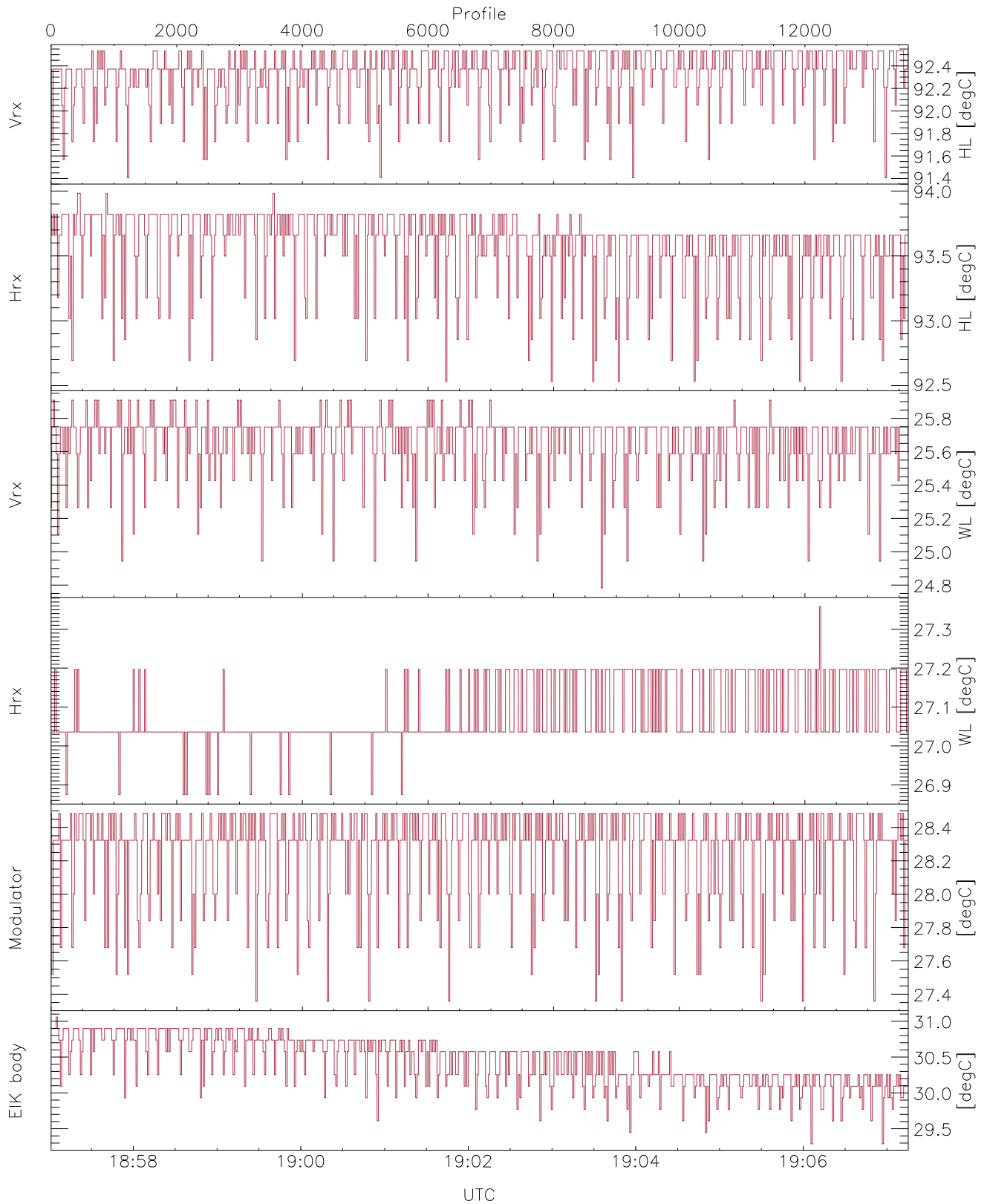


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:57:01-19:07:15, TimeCor: 0.00s, Dur: 614.18s
 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): 13646/13646, 0-13645/18:57:01-19:07:15
 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

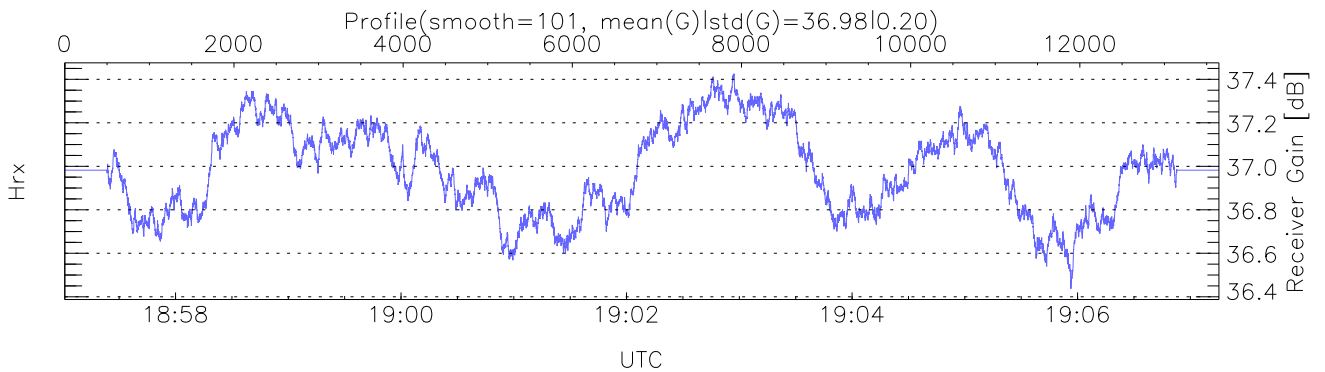
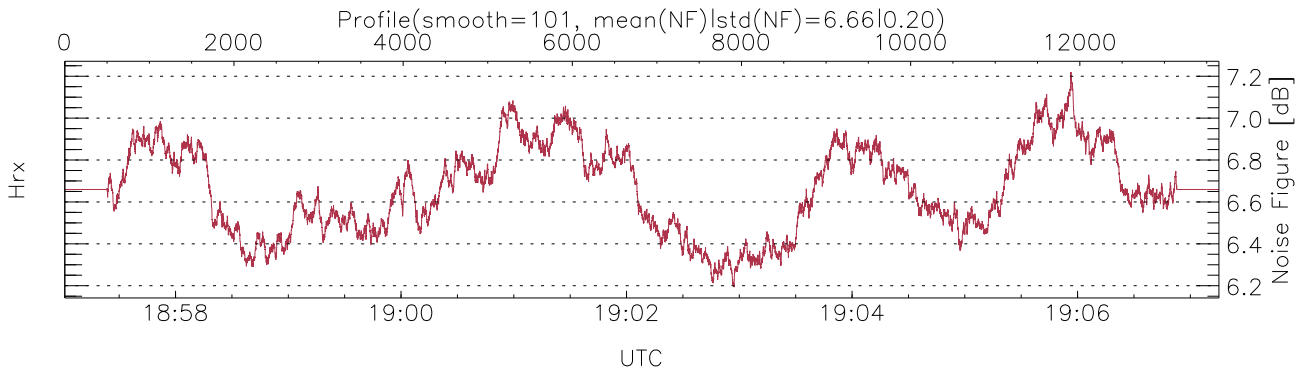
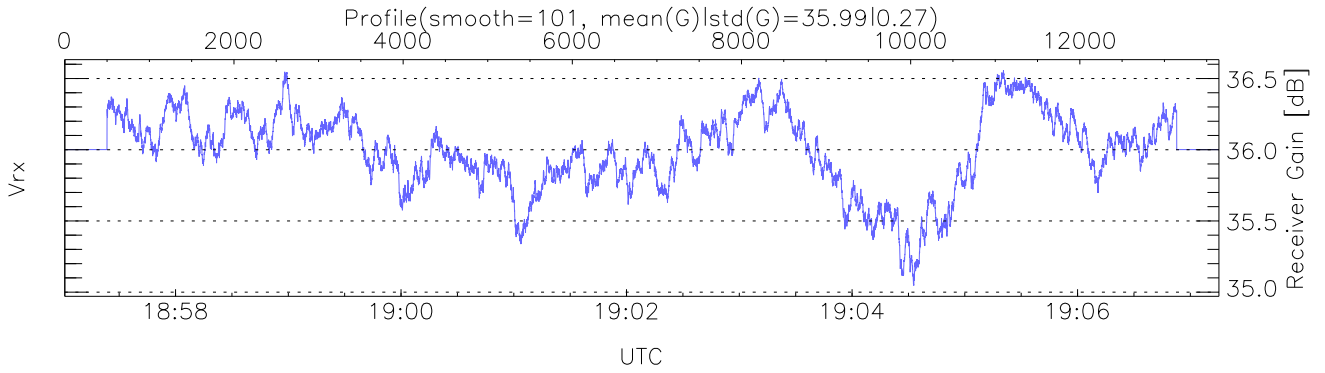
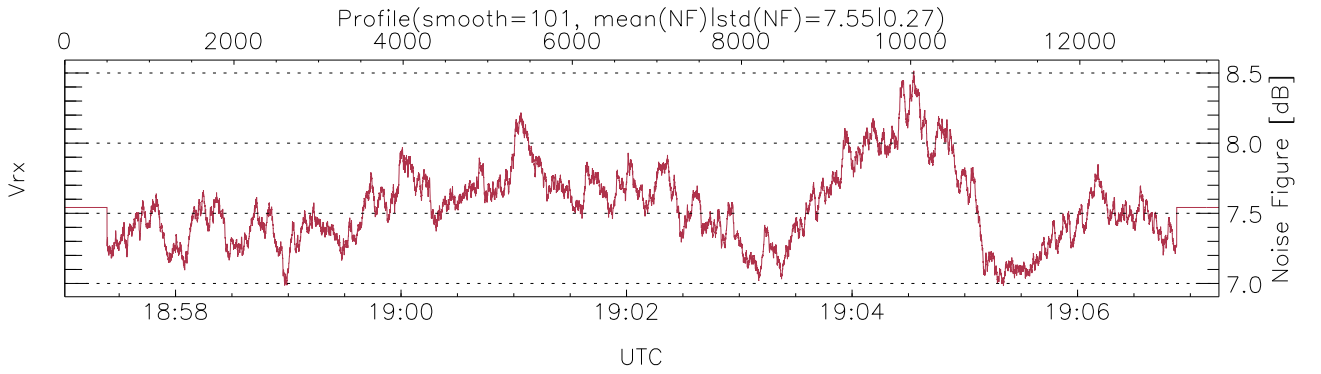
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,27,29`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,31`

`LOalarm(20,240,2817,14861 MHz): None`

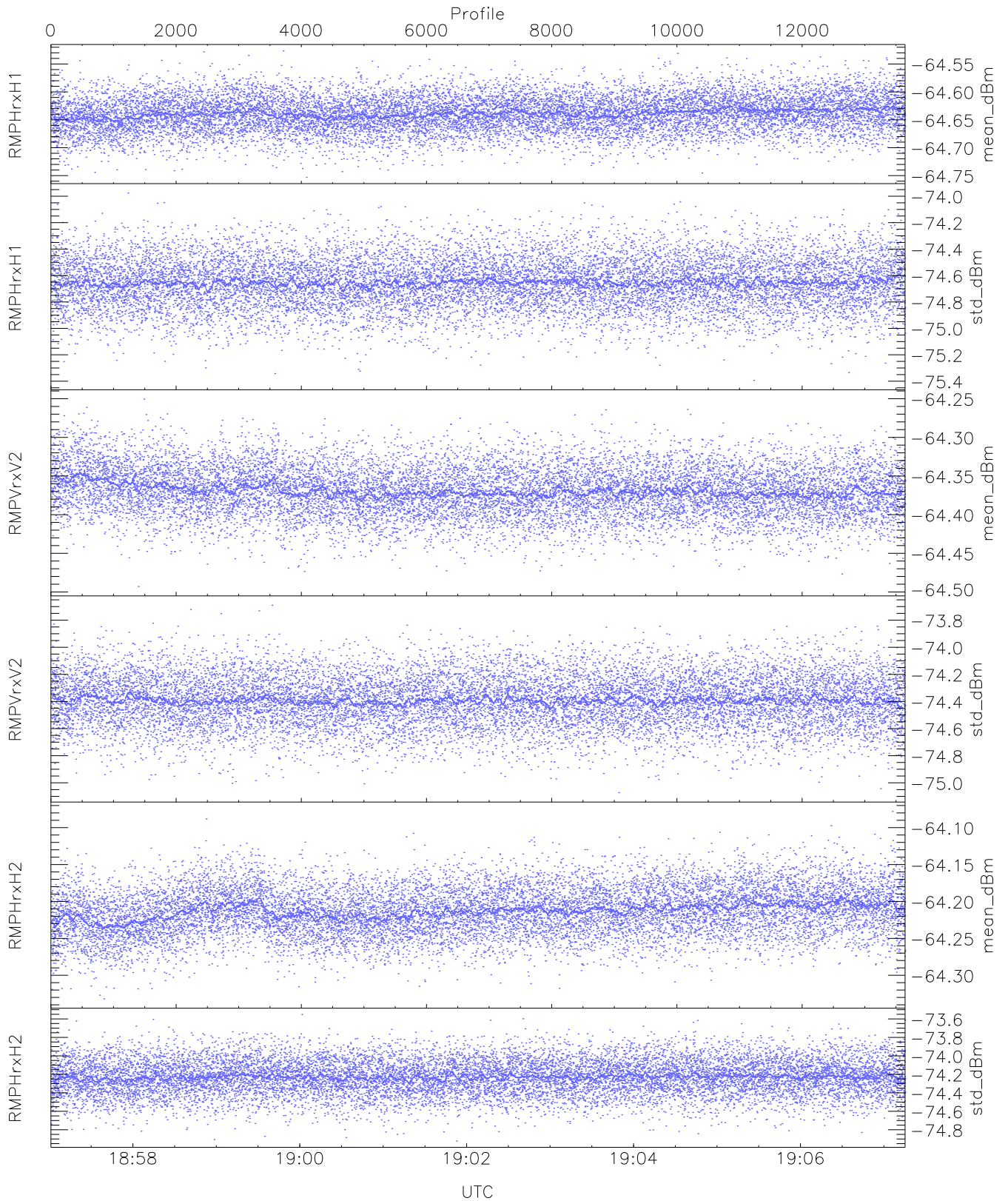
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)`



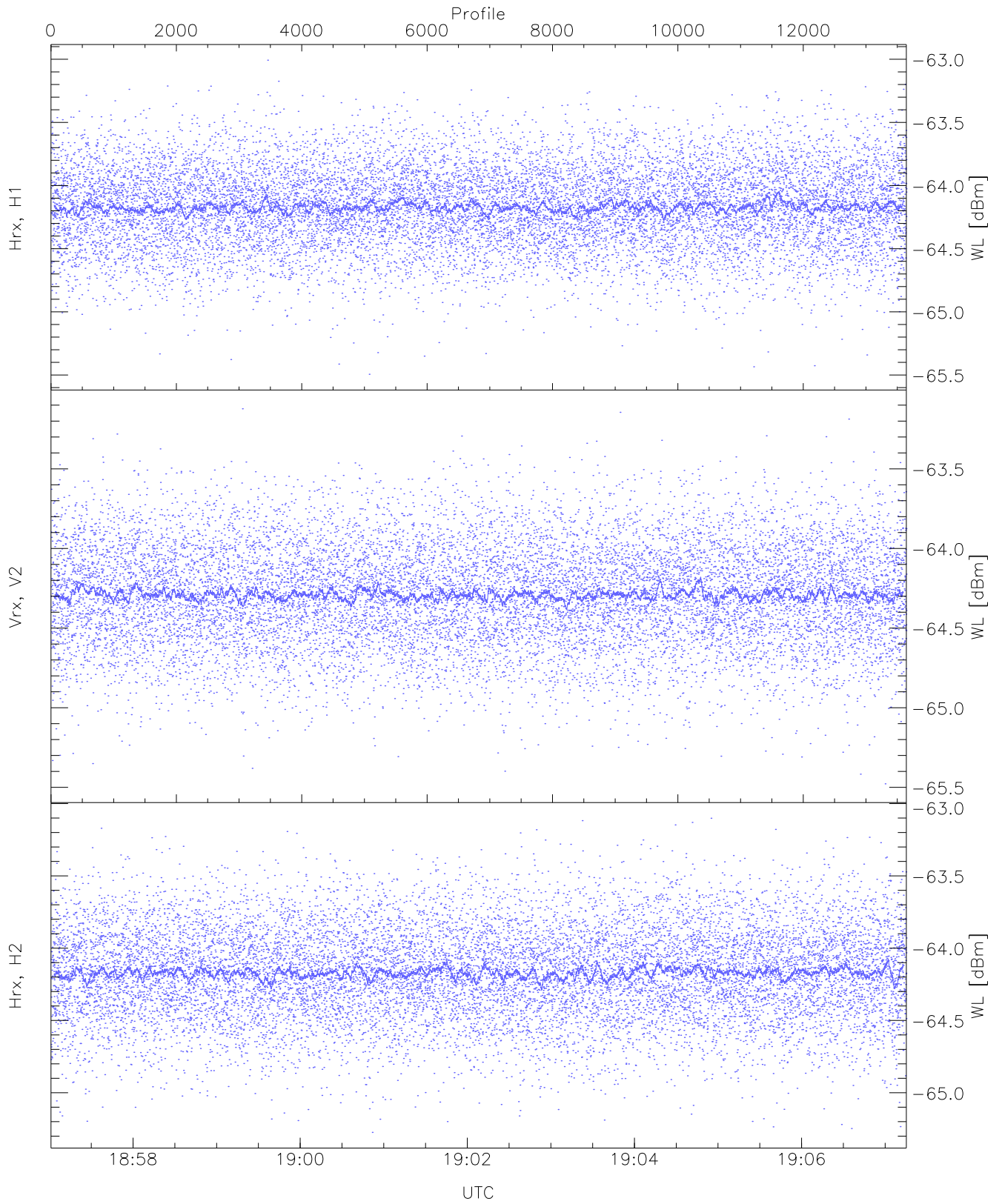
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 7 pixs, 2 gates, 7 profs, 1 prod(s)



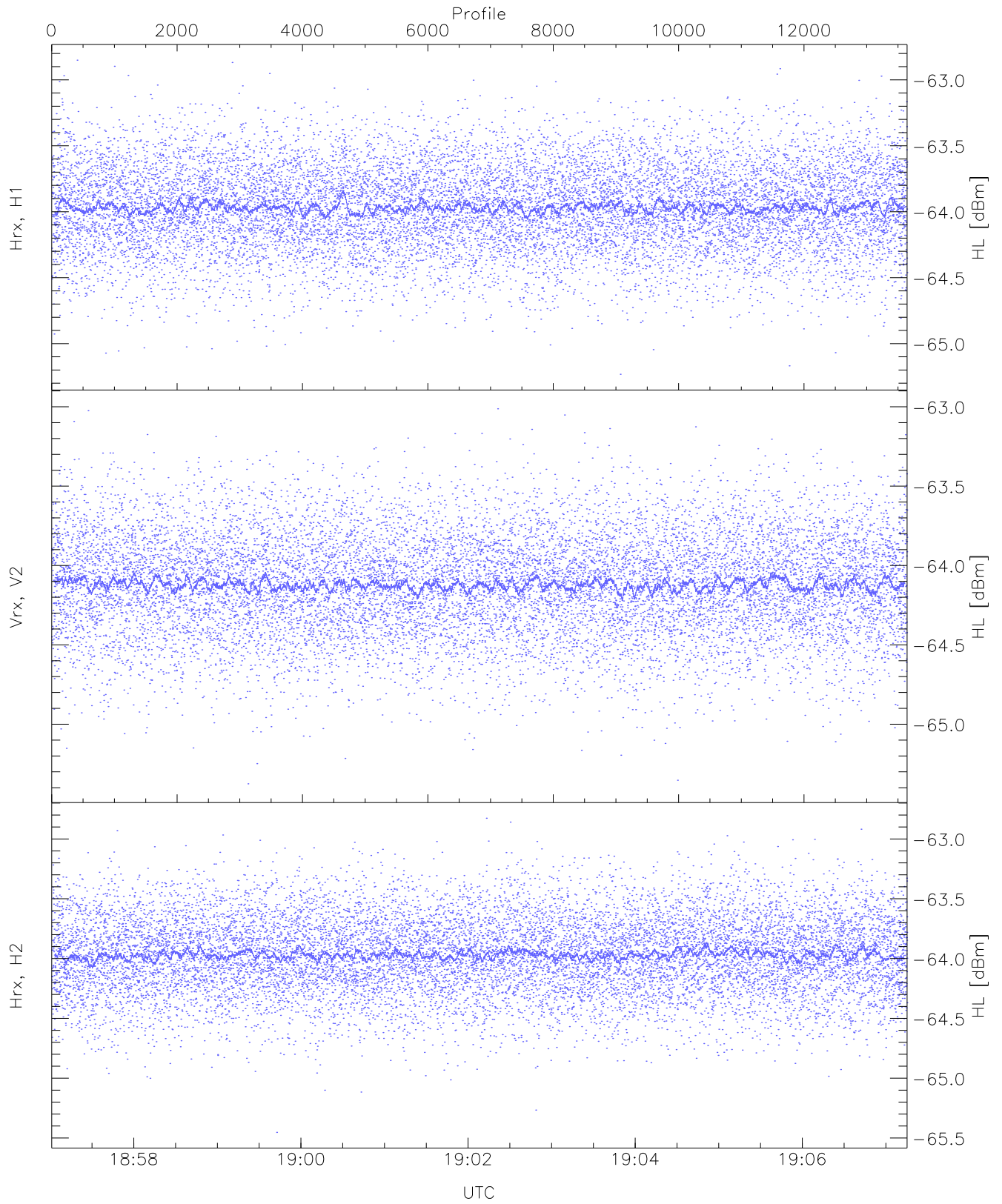
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-64.75	-64.53	-64.64	-64.64	-86.19
RMPHrxH1(std_dBm)	-75.39	-73.98	-74.65	-74.66	-88.39
RMPVrxV2(mean_dBm)	-64.49	-64.25	-64.37	-64.37	-85.87
RMPVrxV2(std_dBm)	-75.07	-73.69	-74.39	-74.39	-88.20
RMPHrxH2(mean_dBm)	-64.33	-64.08	-64.21	-64.21	-85.64
RMPHrxH2(std_dBm)	-74.92	-73.55	-74.23	-74.23	-88.02



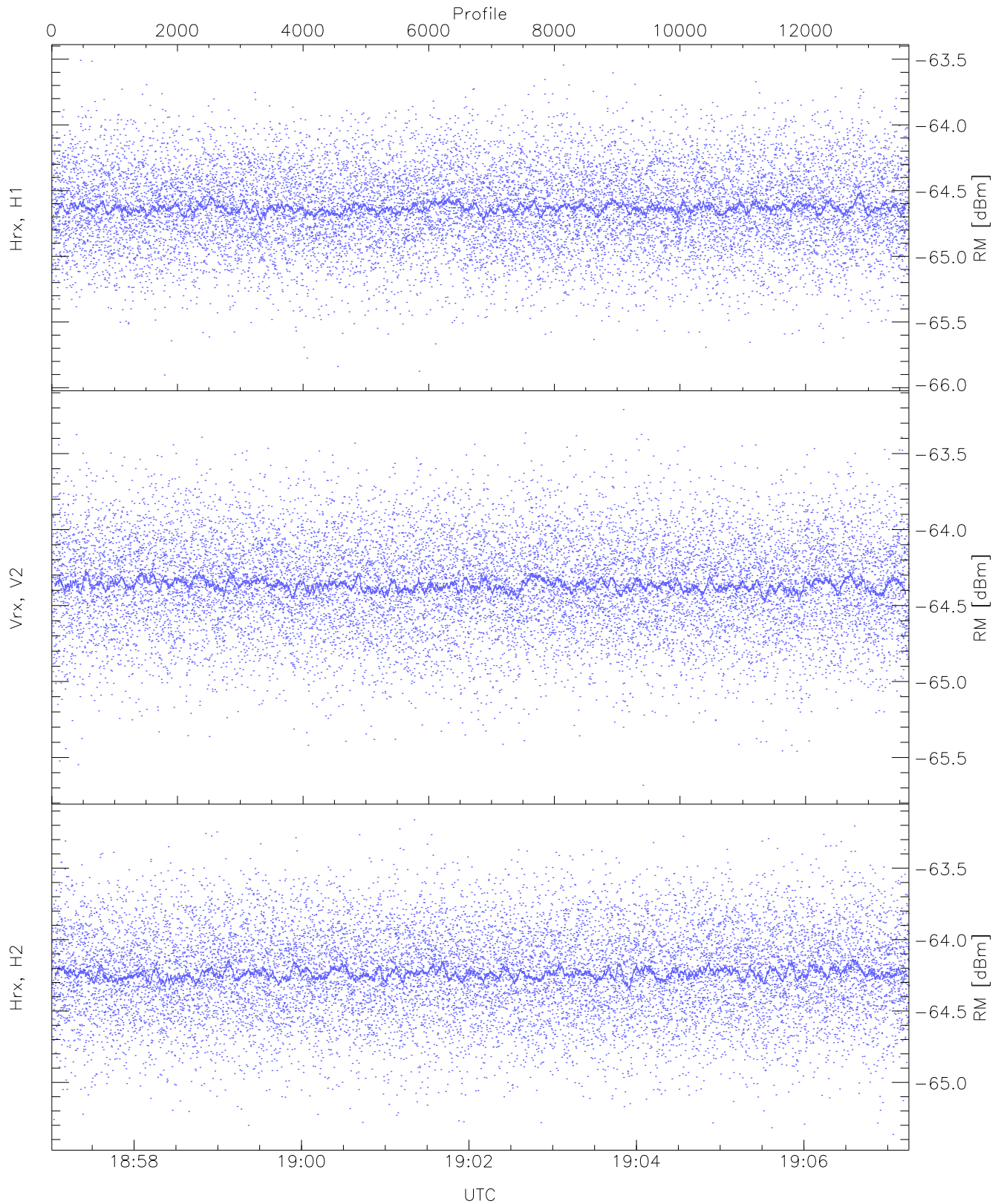
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.49	-63.01	-64.16	-64.17	-75.65
Vrx, V2 (WL [dBm])	-65.48	-63.12	-64.28	-64.29	-75.83
Hrx, H2 (WL [dBm])	-65.27	-63.10	-64.16	-64.17	-75.70



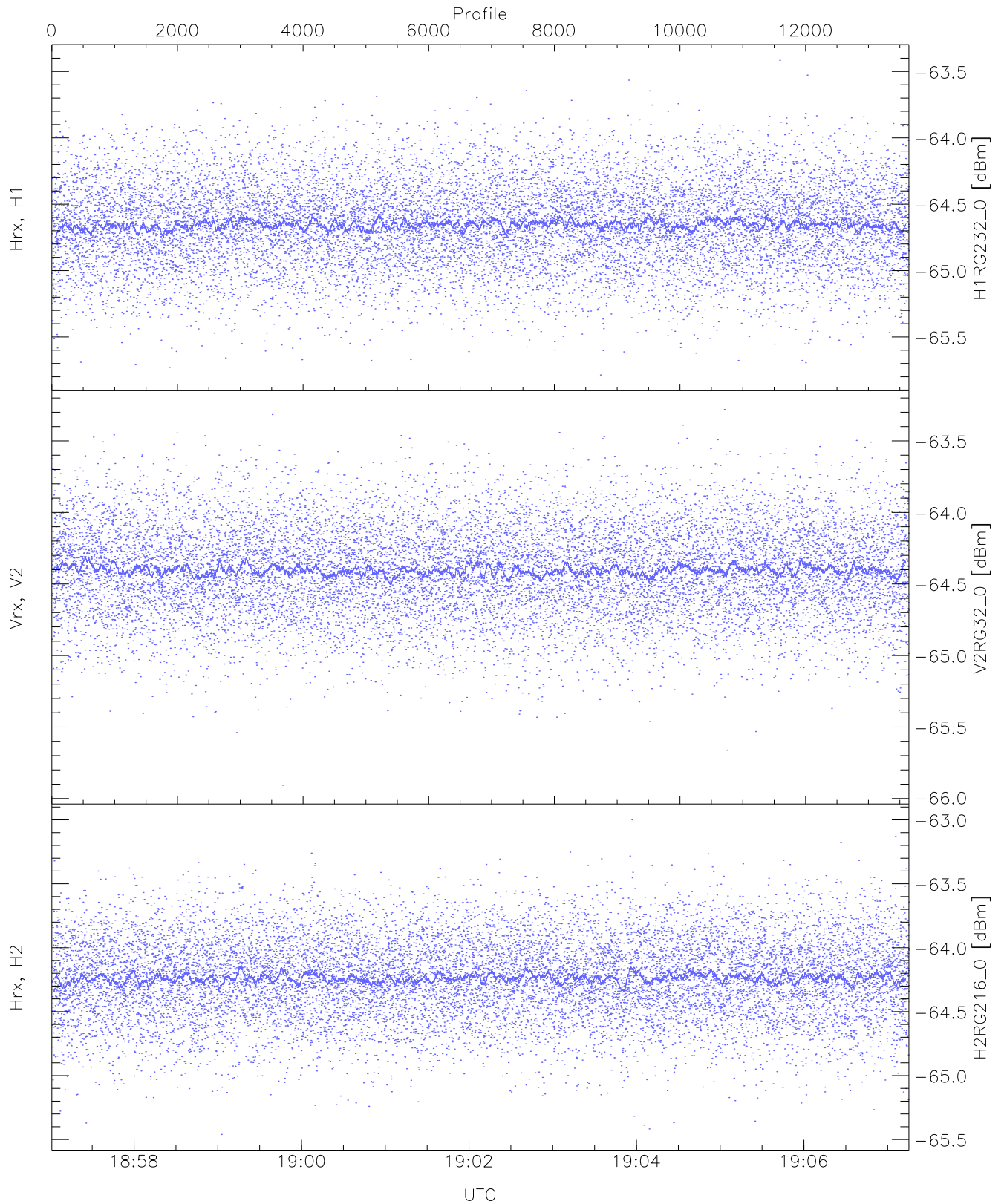
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.23	-62.85	-63.96	-63.97	-75.46
Vrx, V2 (HL [dBm])	-65.38	-63.01	-64.11	-64.12	-75.69
Hrx, H2 (HL [dBm])	-65.45	-62.83	-63.96	-63.97	-75.42



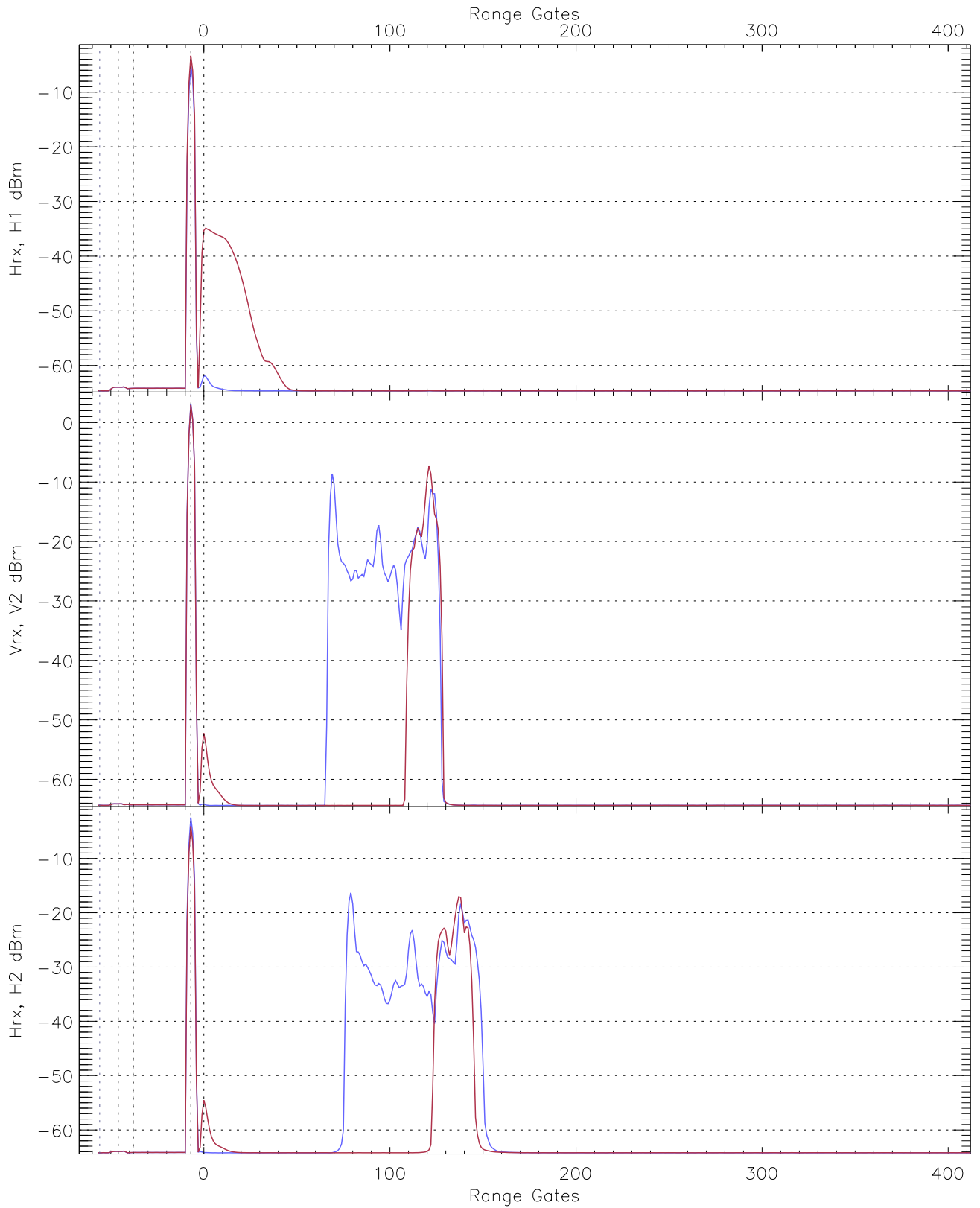
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.90	-63.51	-64.63	-64.63	-76.15
Vrx, V2 (RM [dBm])	-65.68	-63.21	-64.36	-64.36	-75.85
Hrx, H2 (RM [dBm])	-65.36	-63.16	-64.23	-64.24	-75.70

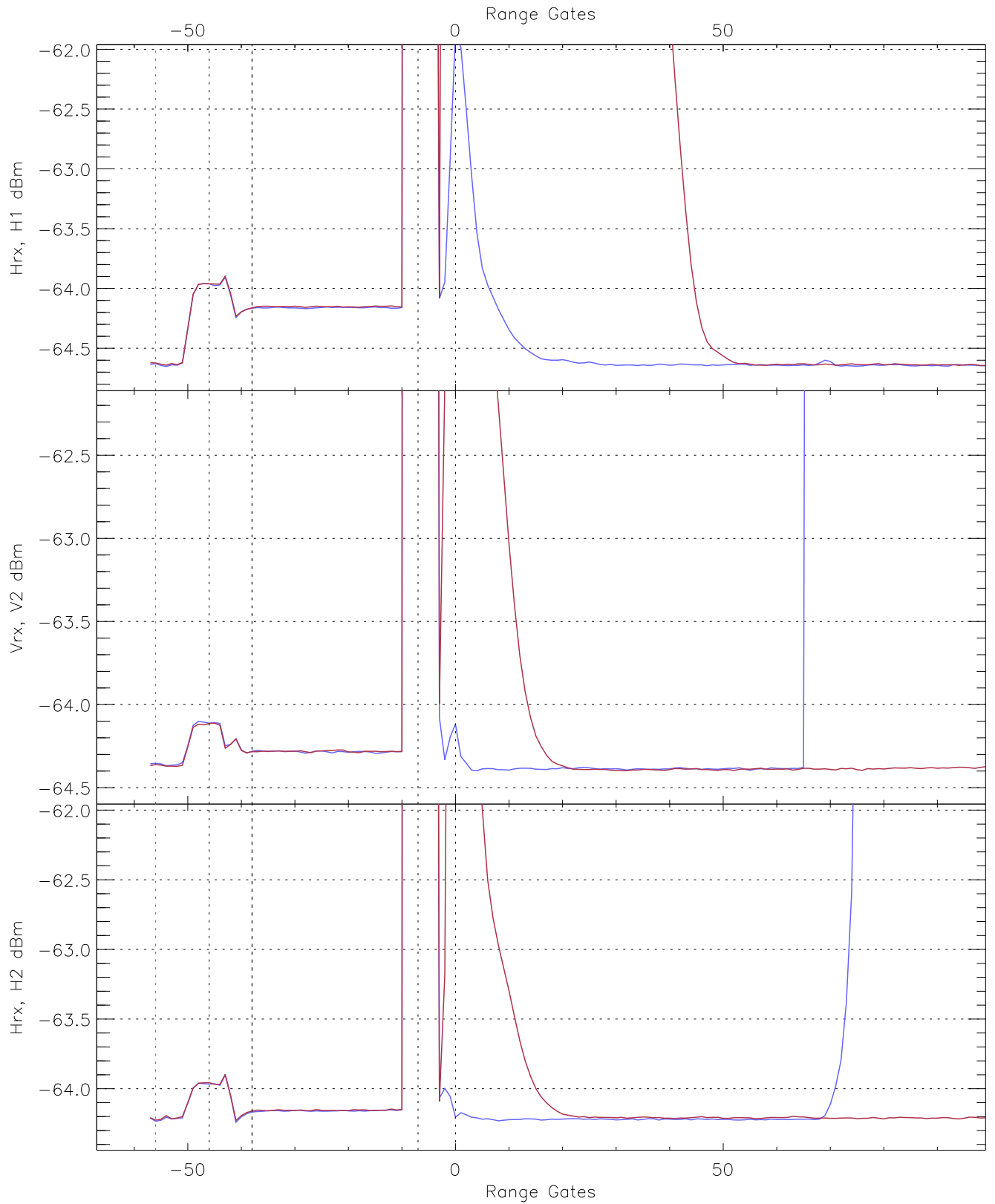


WCR3 CPP "Best" estimate Receivers Noise Power

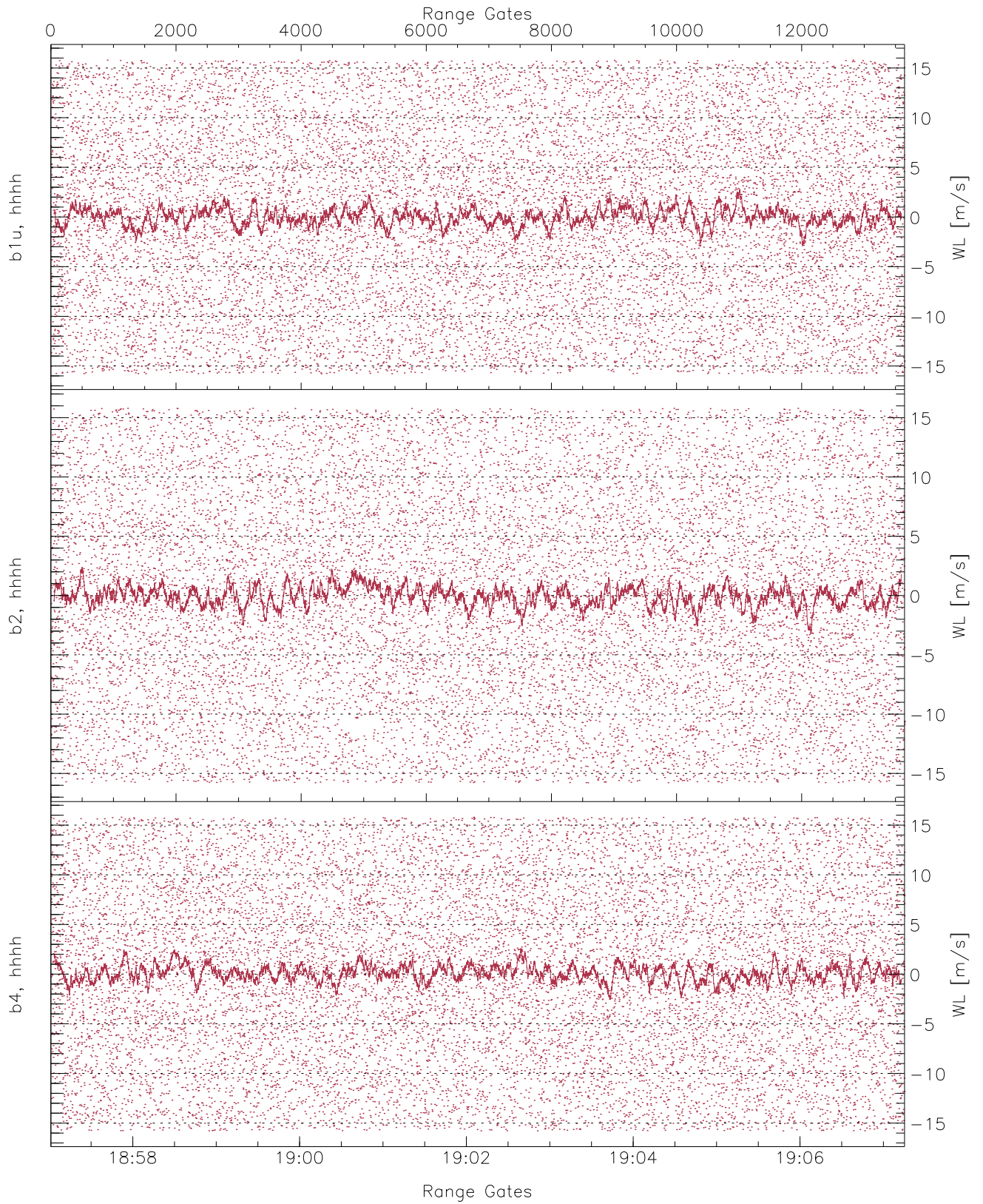
	Min	Max	Mean	Median	StDev
H1RG232_0 [dBm]	-65.79	-63.42	-64.65	-64.65	-76.15
V2RG32_0 [dBm]	-65.91	-63.28	-64.40	-64.40	-75.90
H2RG216_0 [dBm]	-65.46	-63.00	-64.23	-64.24	-75.77



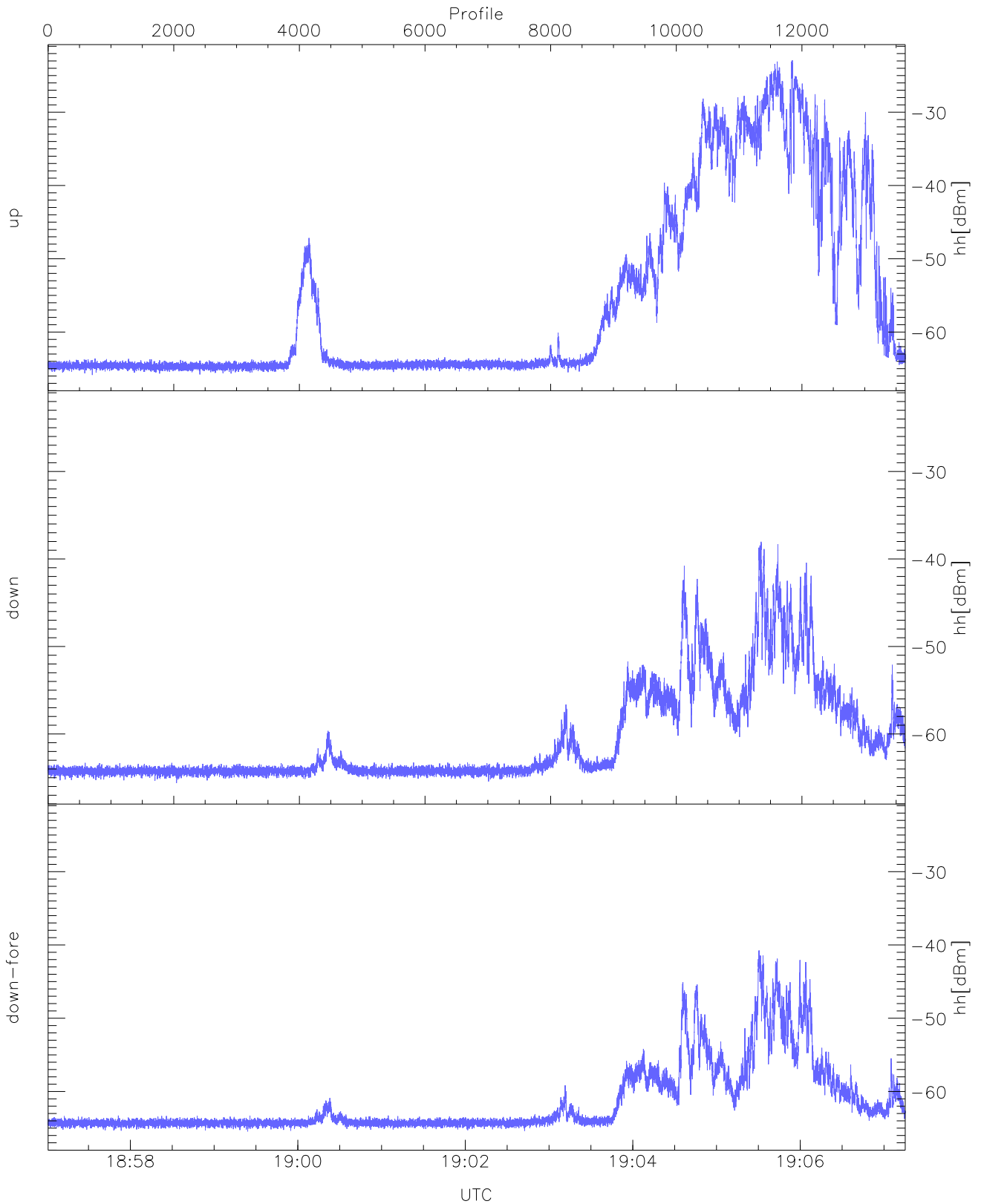
WCR3 CPP Averaged Received power for all recorded gates
blue: 185701-190208, 6824 profiles averaged
red: 190208-190715, 6823 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185701-190208, 6824 profiles averaged
red: 190208-190715, 6823 profiles averaged

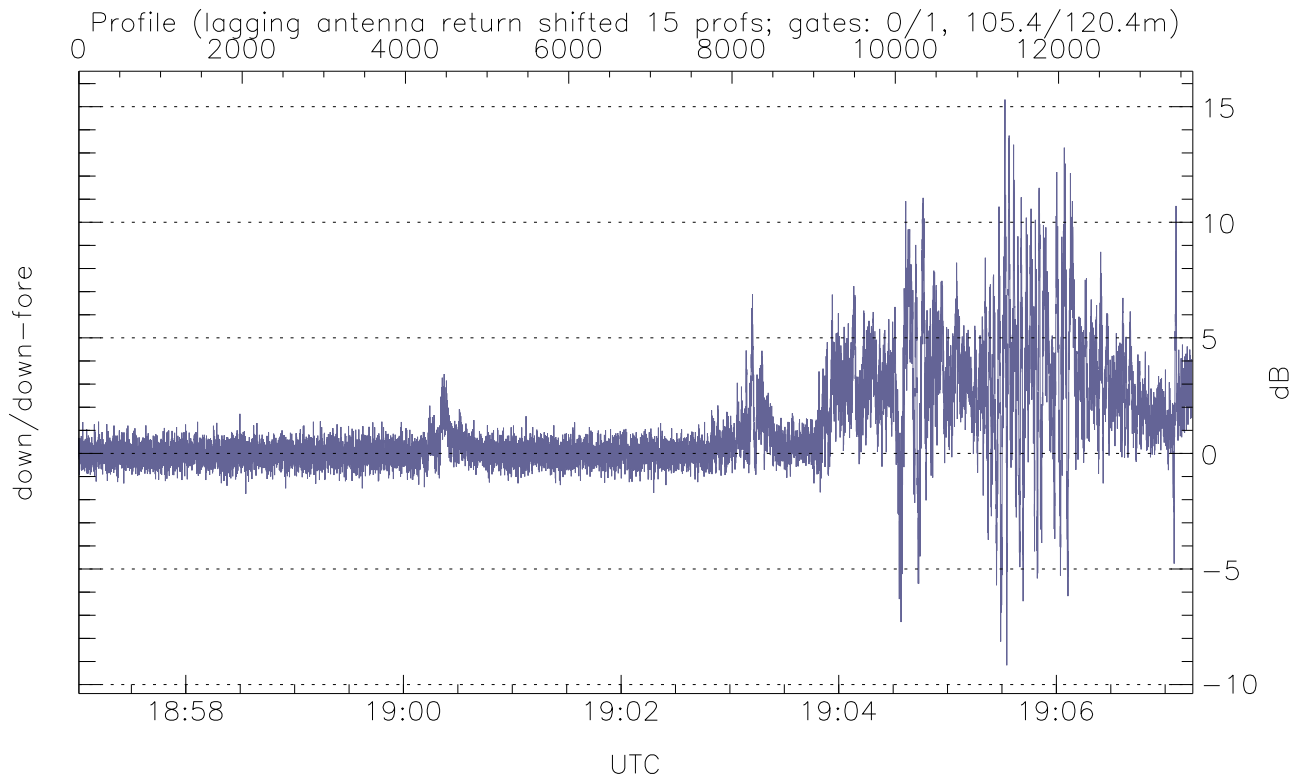
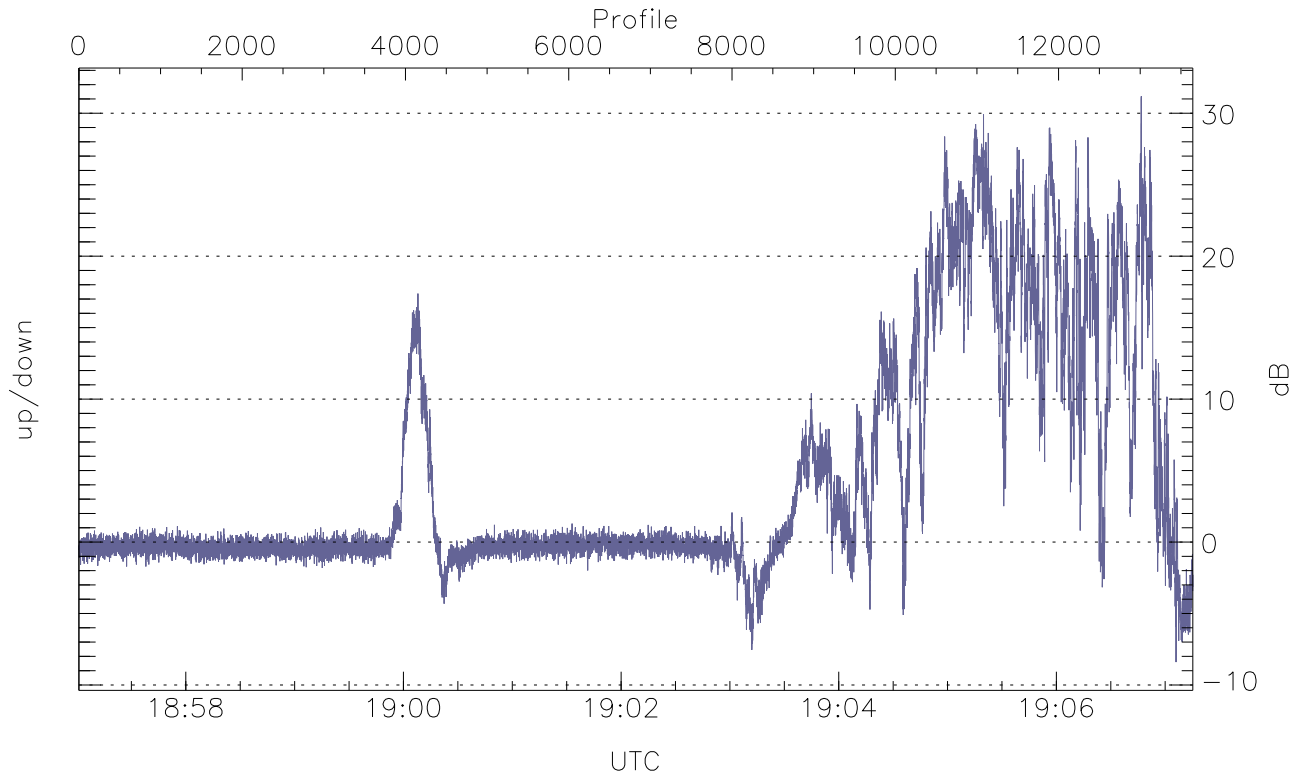


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



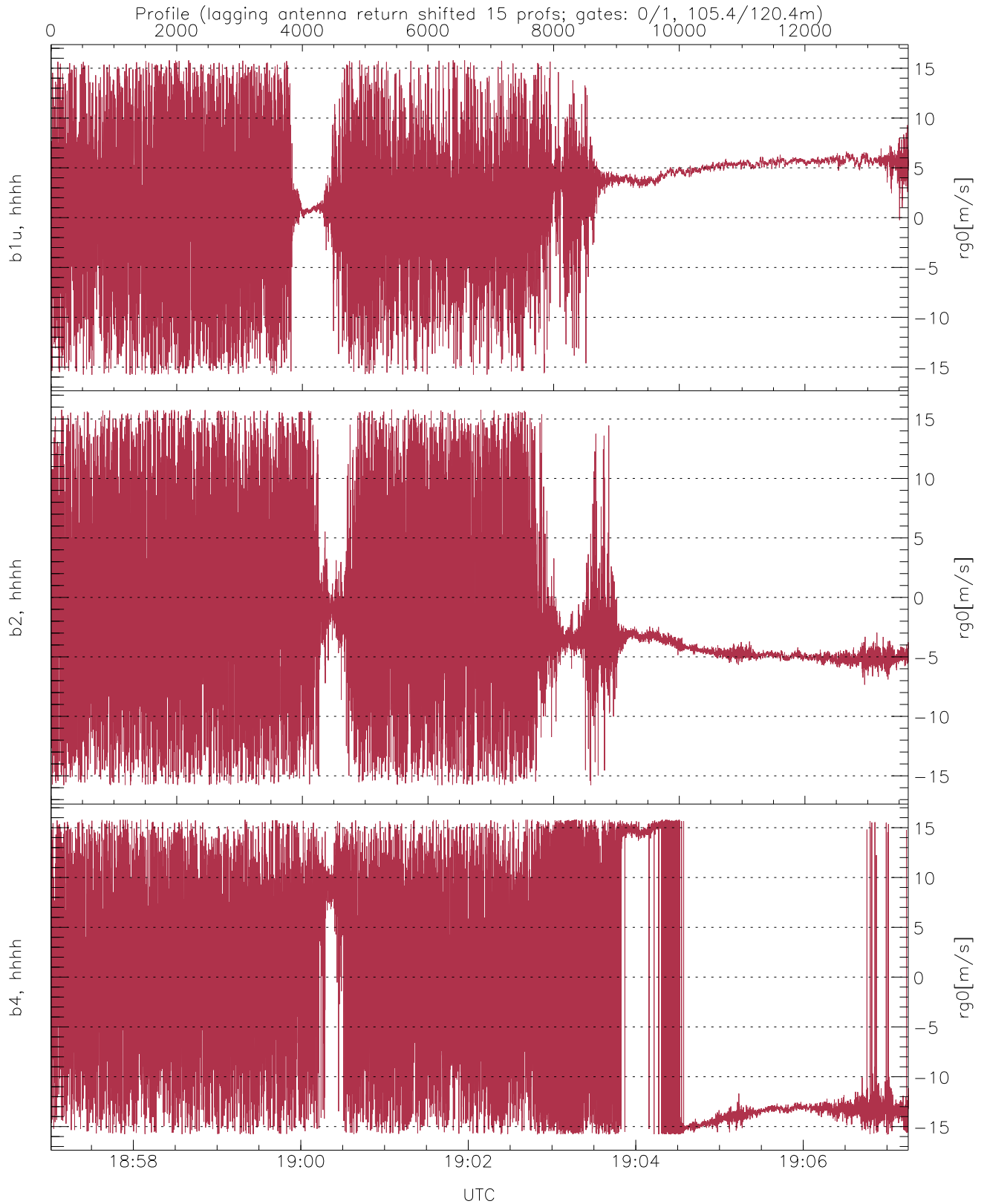
WCR3 CPP Received Power Products for Range gate 0 (105.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.86	-22.92	-38.29
down(hh[dBm])	-65.61	-38.03	-54.98
down-fore(hh[dBm])	-65.45	-40.75	-57.11



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

	Min	Max	Mean
up/down (dB)	-8.40	31.18	4.42
down/down-fore (dB)	-9.16	15.31	1.13



WCR3 CPP Doppler Velocity Products at 105.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.78	15.79	2.20	5.83
b2, hhhh(rg0[m/s])	-15.78	15.79	-1.92	6.71
b4, hhhh(rg0[m/s])	-15.79	15.79	-2.45	10.84