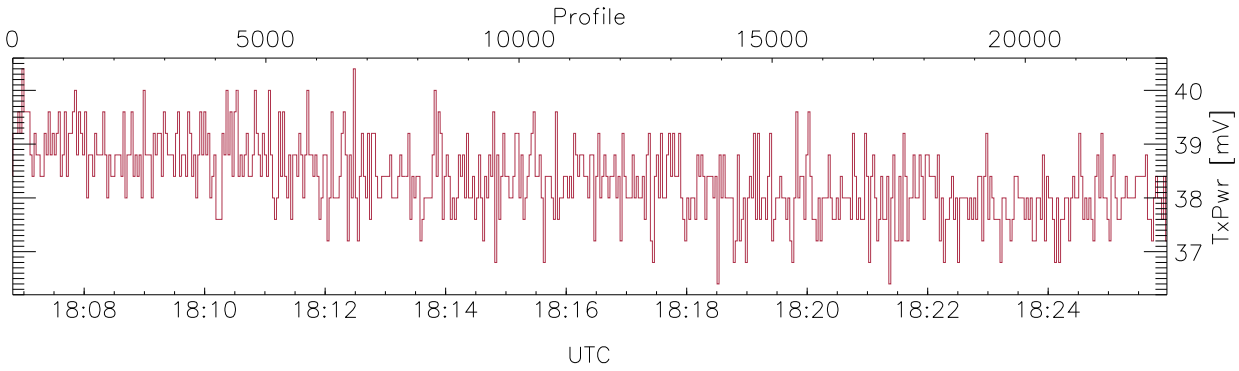
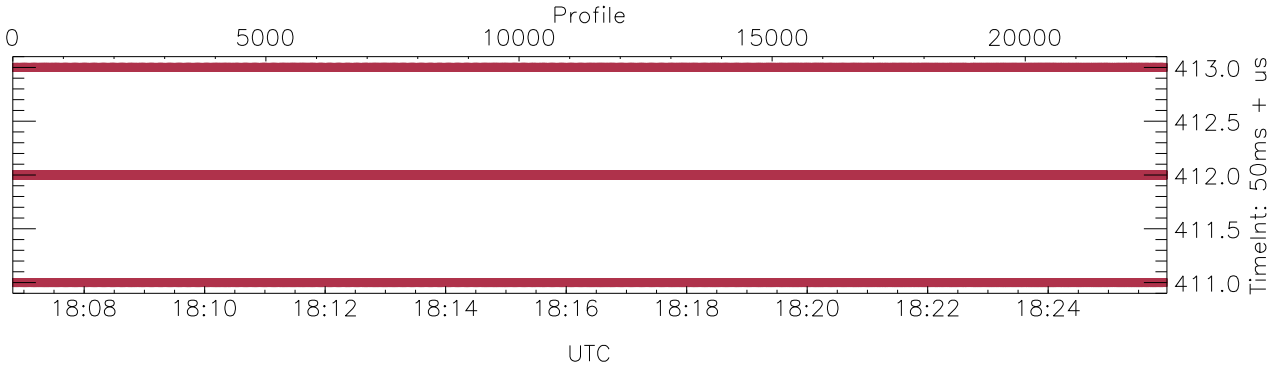
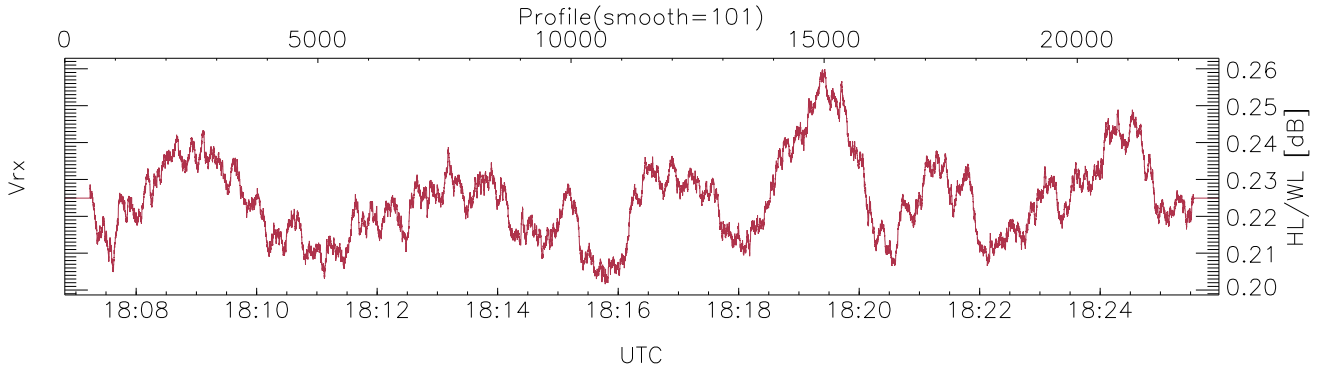
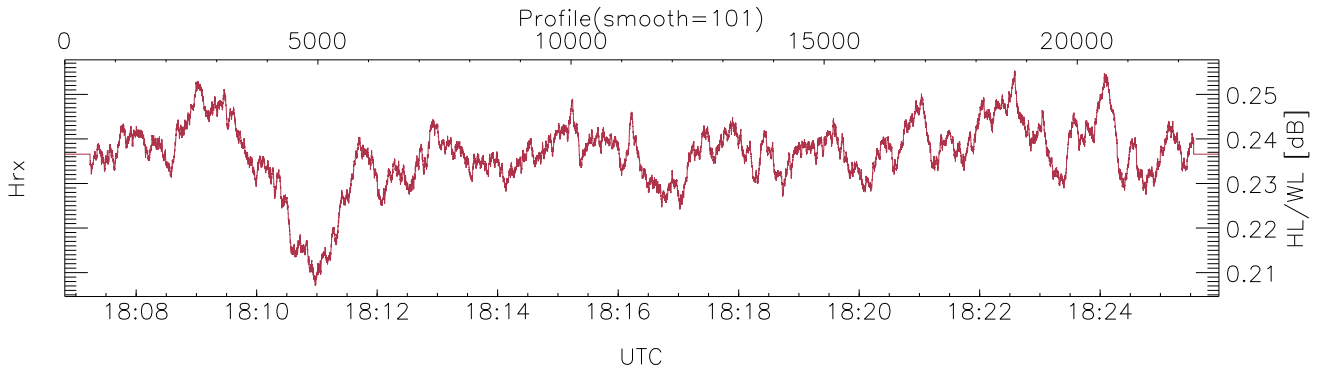


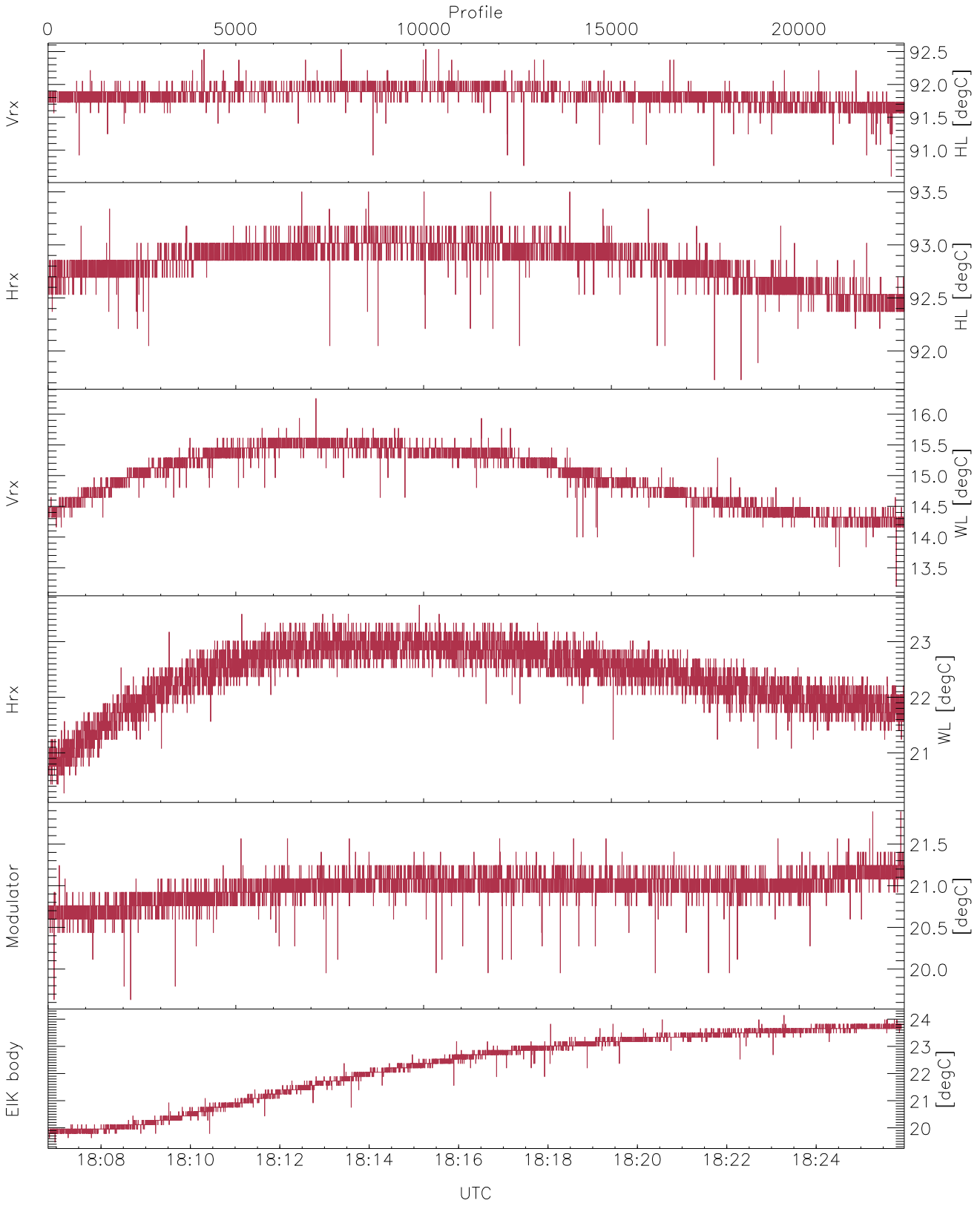






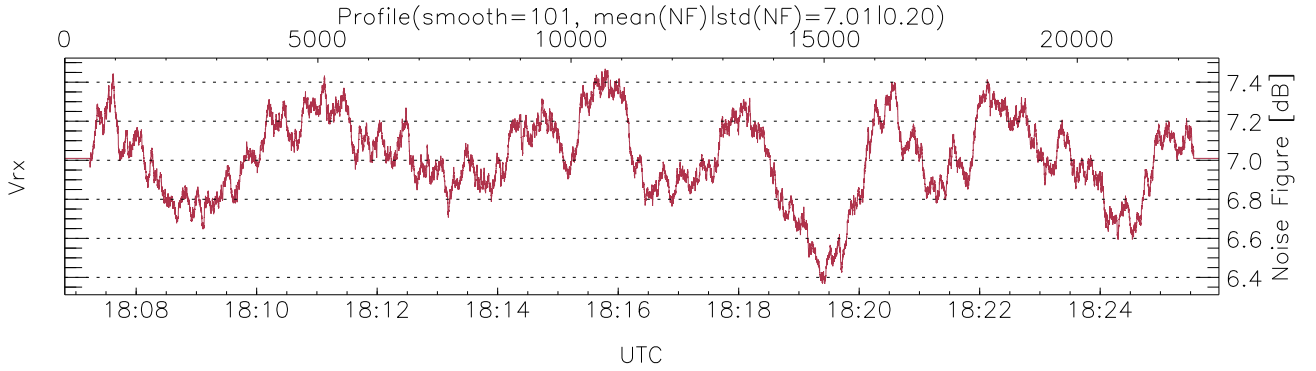
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

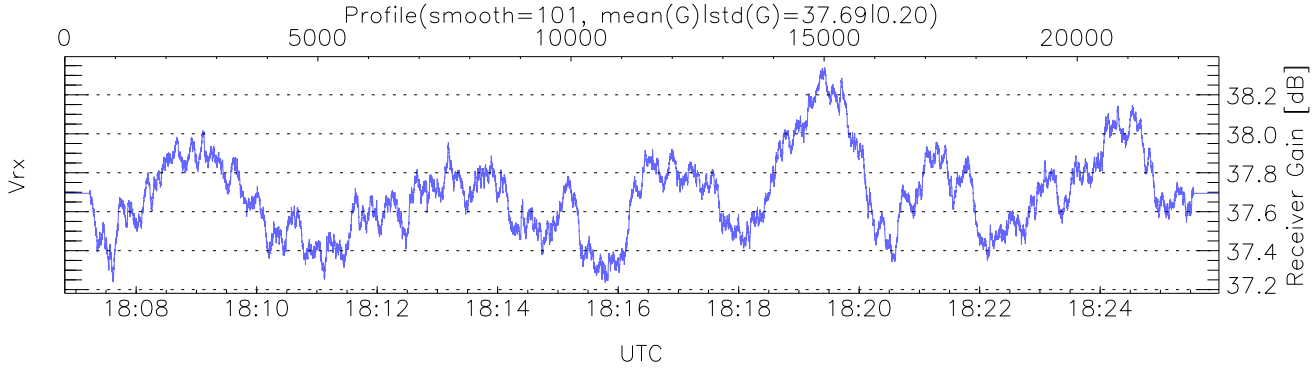
UTC: 18:06:49-18:48:59, Dur: 2530.41s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/50195, 0-22799/18:06:49-18:25:58
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

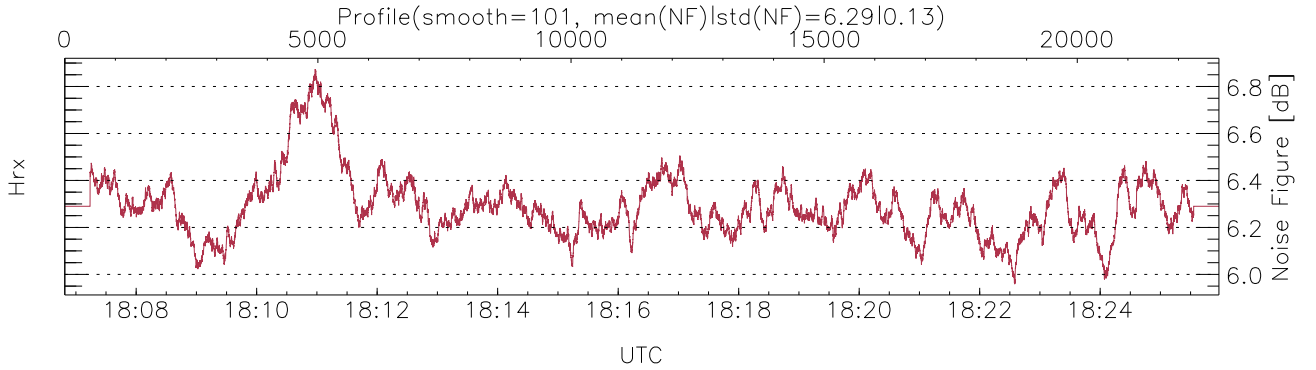


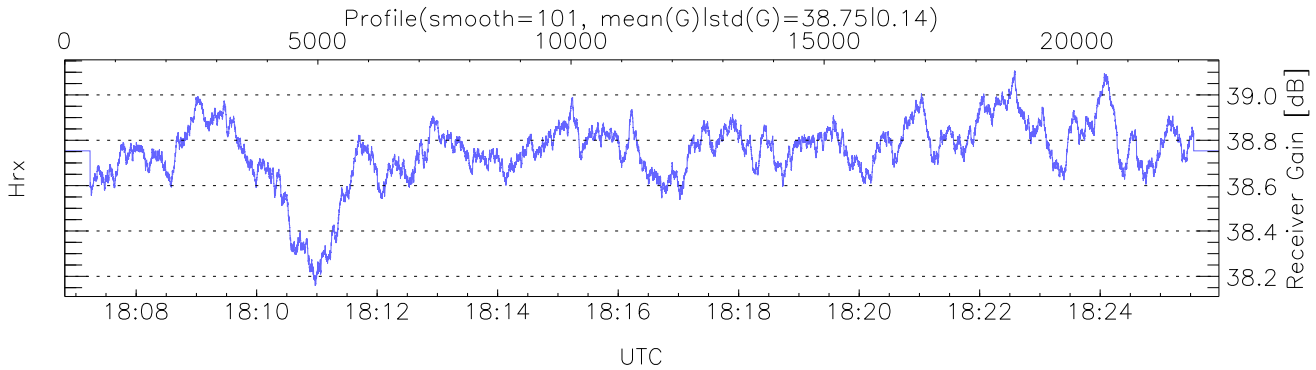
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,20,19,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,23,21,24
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (11,11,11,11,11)



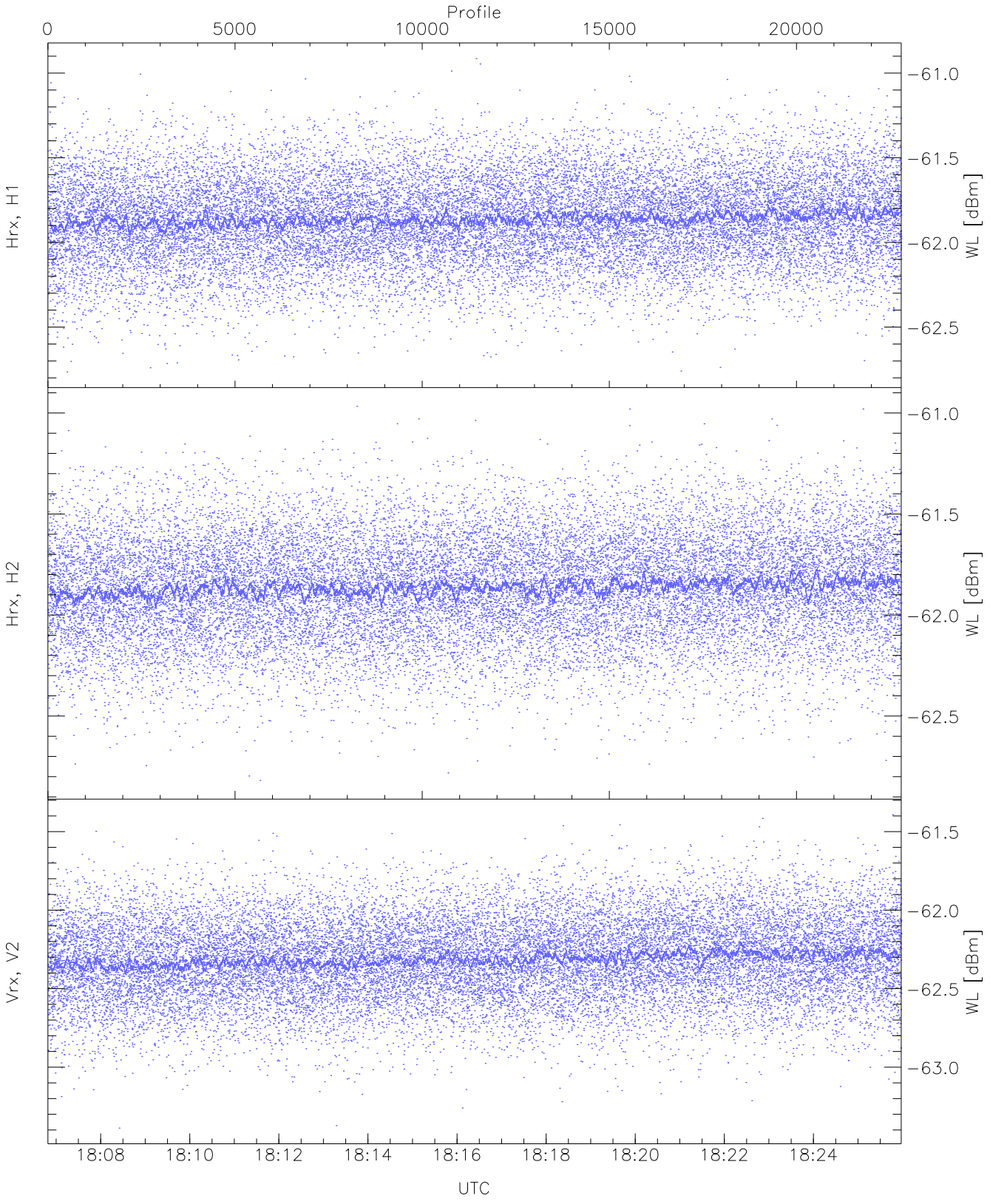






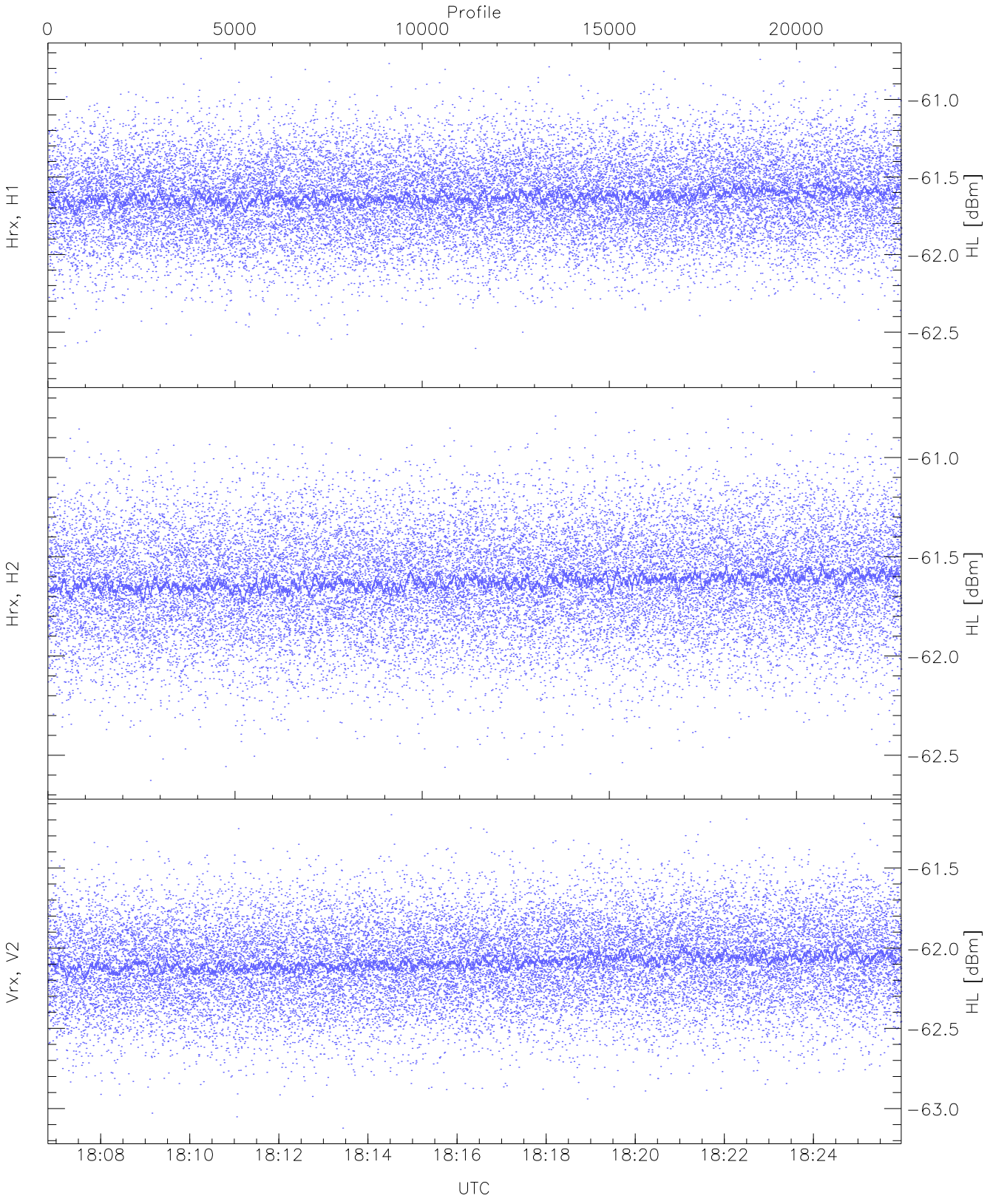
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2570 pixs, 72 gates, 2560 profs, 1 prods



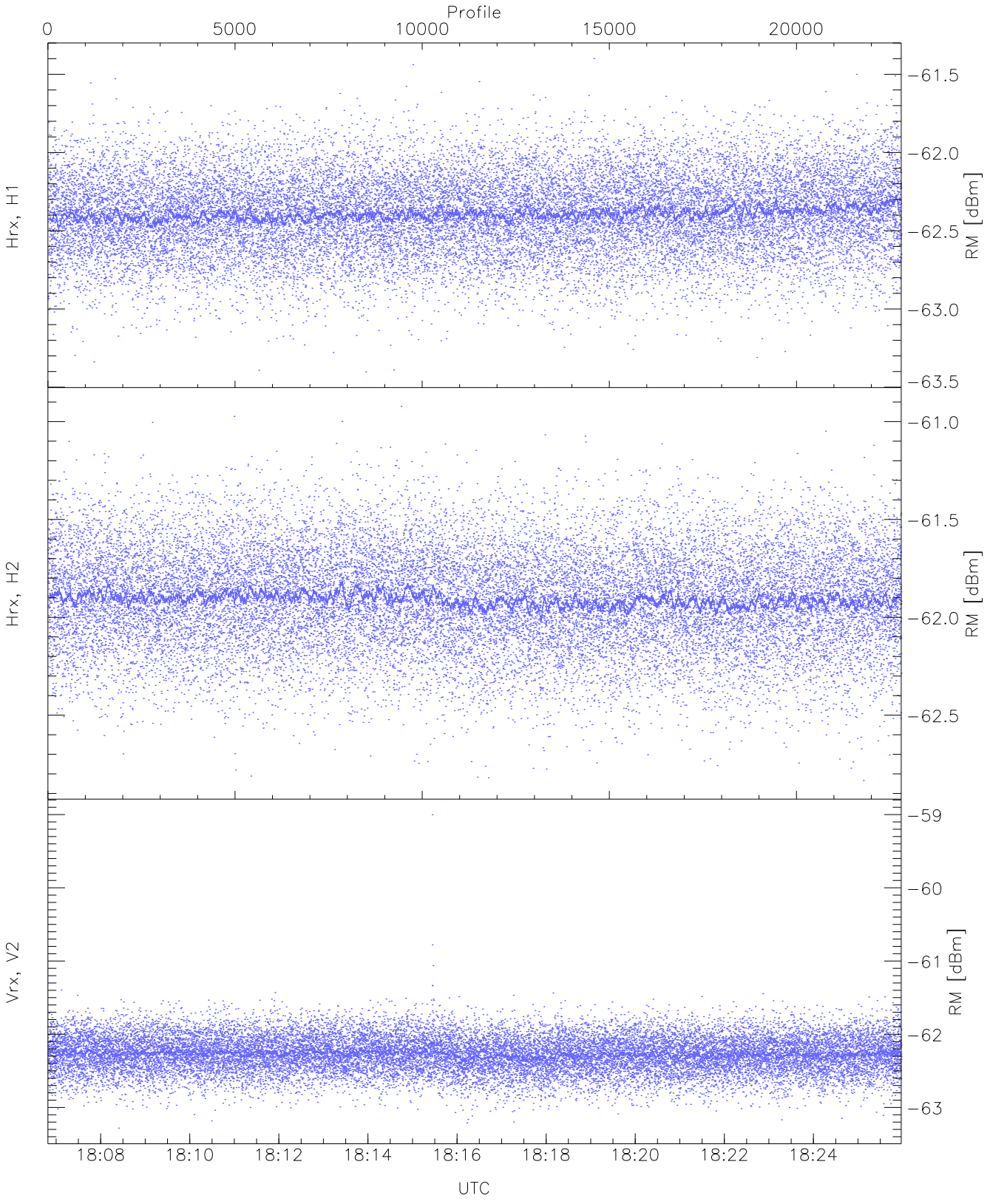
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.76	-60.91	-61.86	-61.86	-74.44
Hrx, H2(WL [dBm])	-62.82	-60.97	-61.86	-61.86	-74.43
Vrx, V2(WL [dBm])	-63.39	-61.39	-62.31	-62.31	-74.82



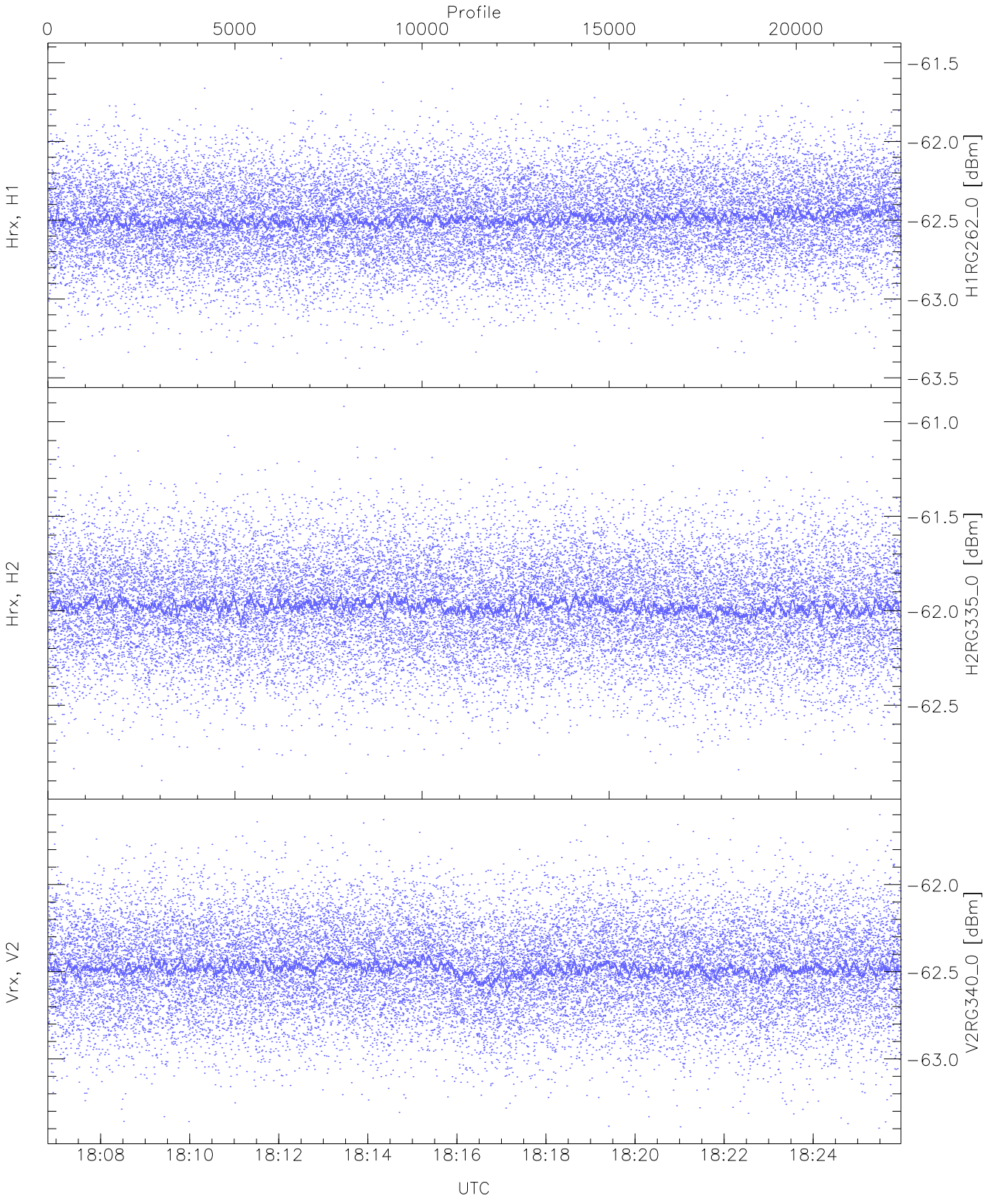
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.76	-60.74	-61.63	-61.63	-74.15
Hrx, H2(HL [dBm])	-62.63	-60.74	-61.62	-61.63	-74.17
Vrx, V2(HL [dBm])	-63.12	-61.17	-62.08	-62.09	-74.63



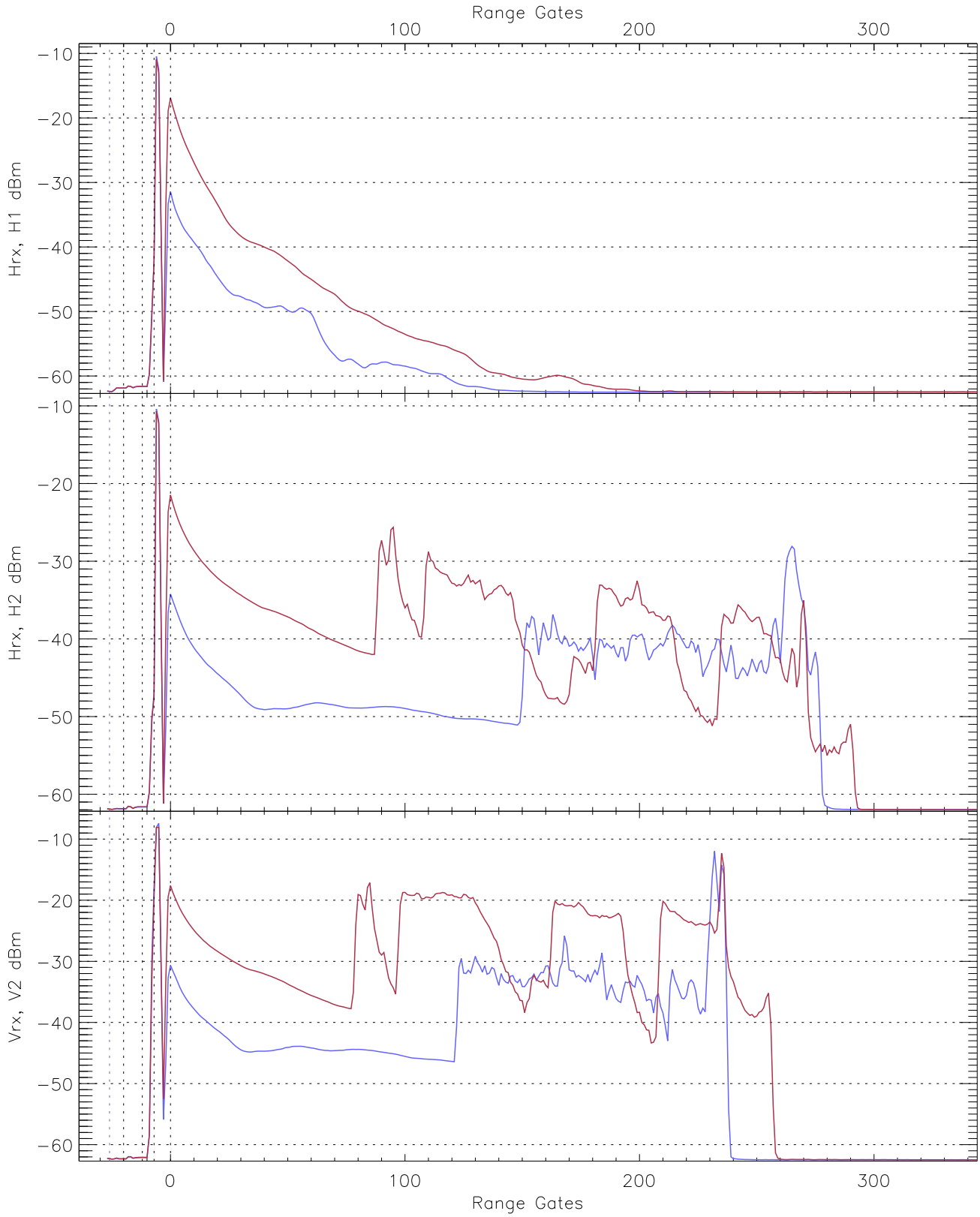
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.40	-61.40	-62.39	-62.39	-74.92
Hrx, H2(RM [dBm])	-62.83	-60.92	-61.90	-61.91	-74.44
Vrx, V2(RM [dBm])	-63.28	-59.00	-62.27	-62.27	-74.76

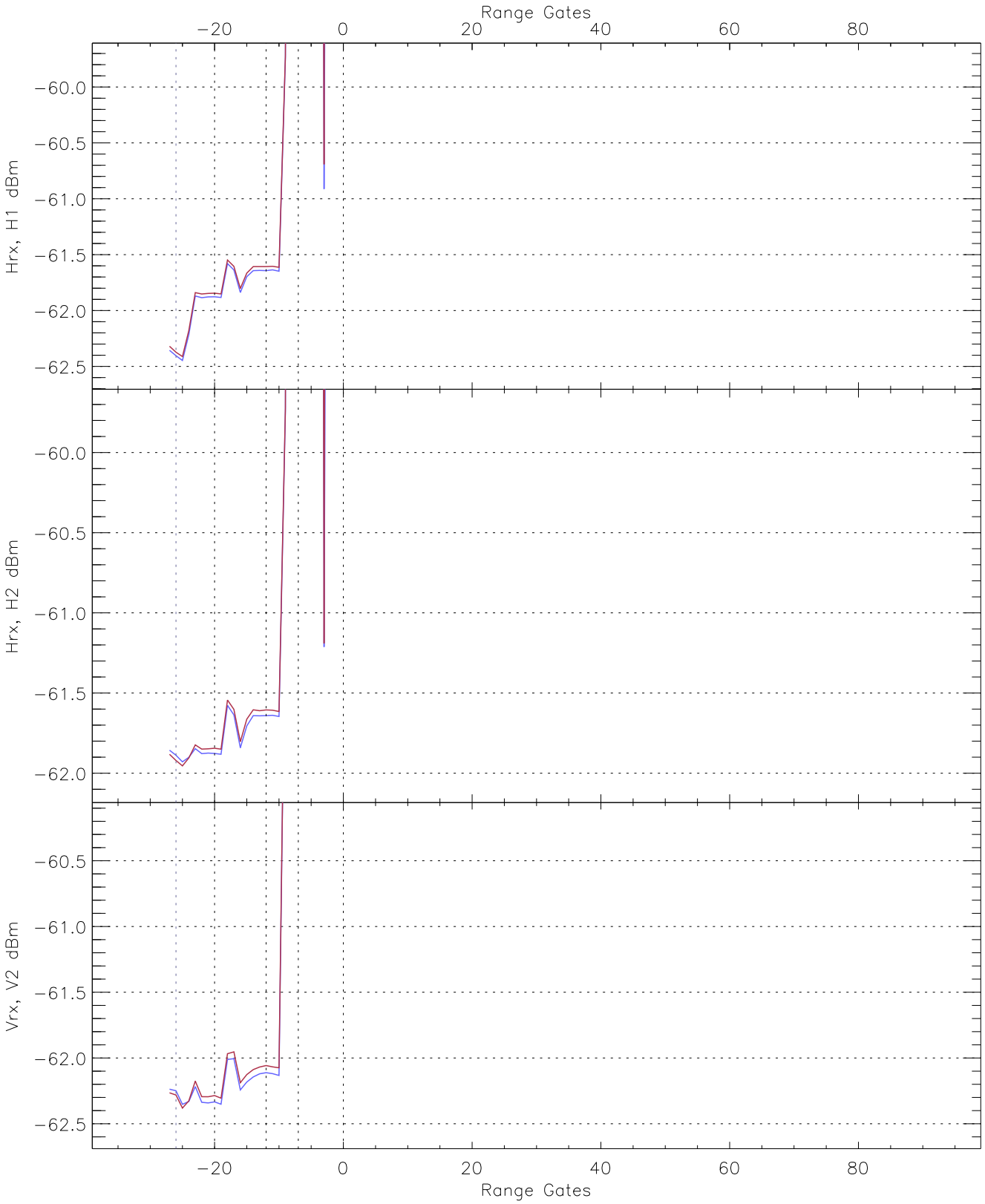


WCR2 CPP "Best" estimate Receivers Noise Power

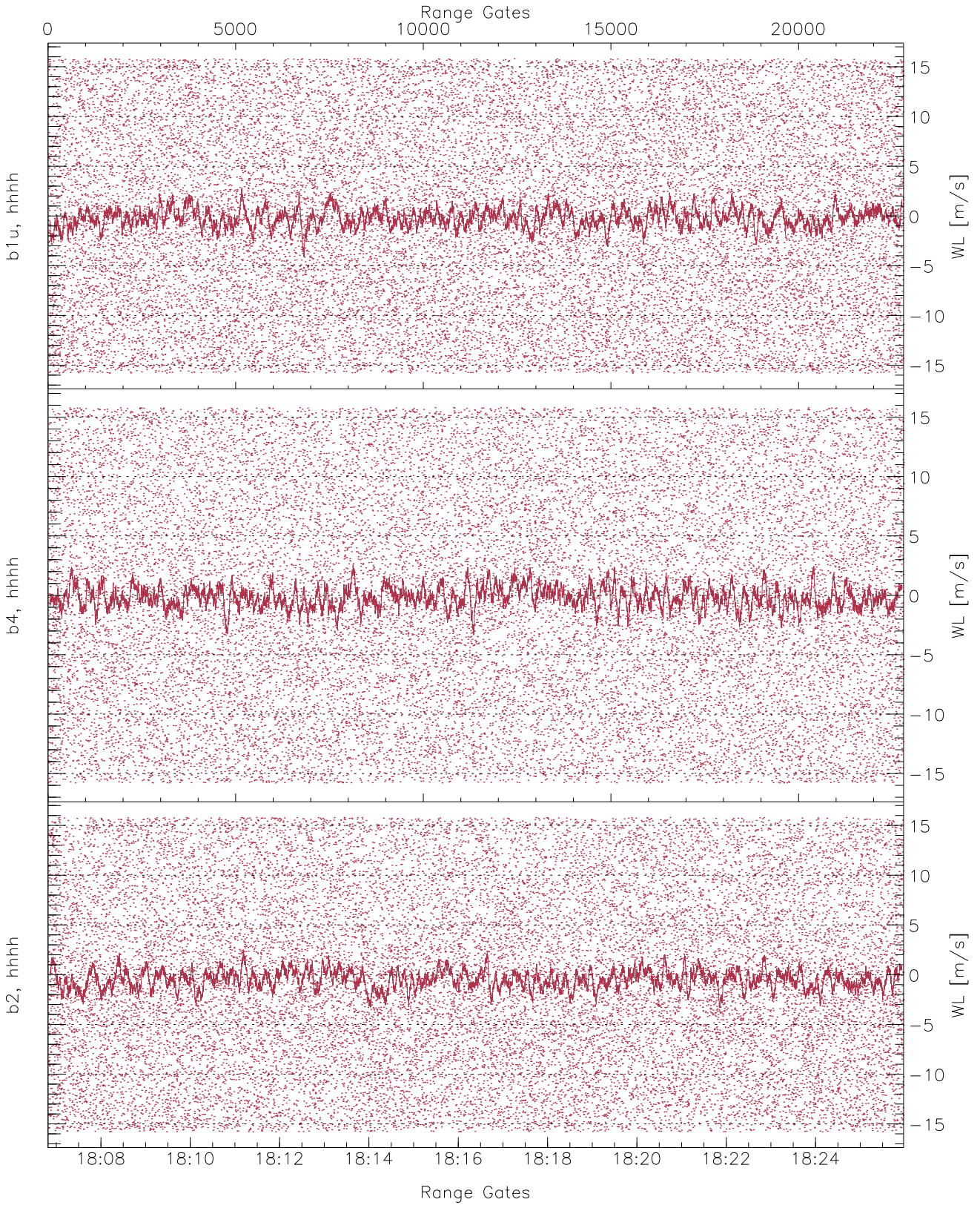
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.46	-61.47	-62.49	-62.49	-75.06
H2RG335_0 [dBm]	-62.90	-60.92	-61.97	-61.98	-74.56
V2RG340_0 [dBm]	-63.40	-61.60	-62.48	-62.48	-75.03



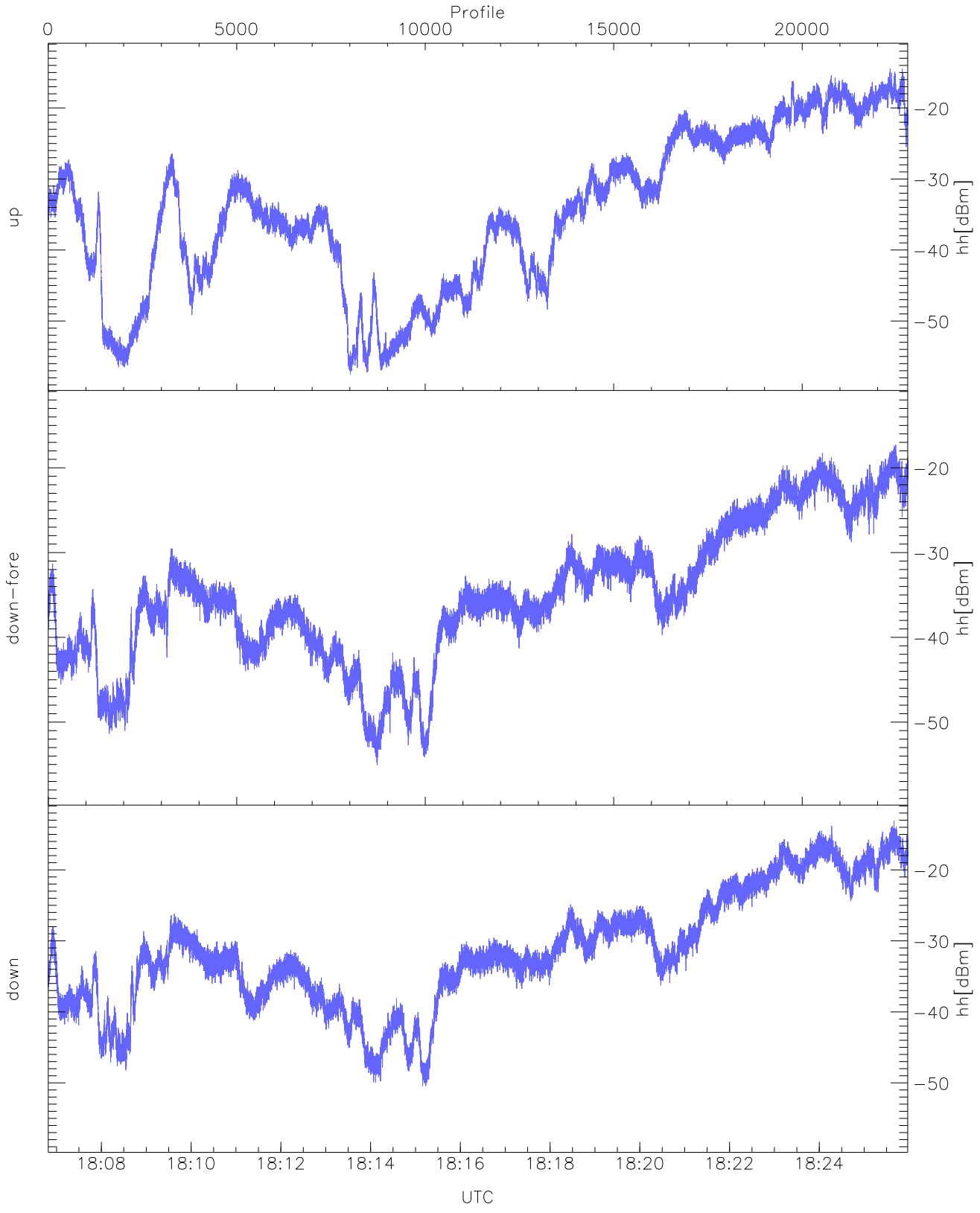
WCR2 CPP Averaged Received power for all recorded gates
blue: 180649-181624, 11401 profiles averaged
red: 181624-182558, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180649-181624, 11401 profiles averaged
red: 181624-182558, 11400 profiles averaged

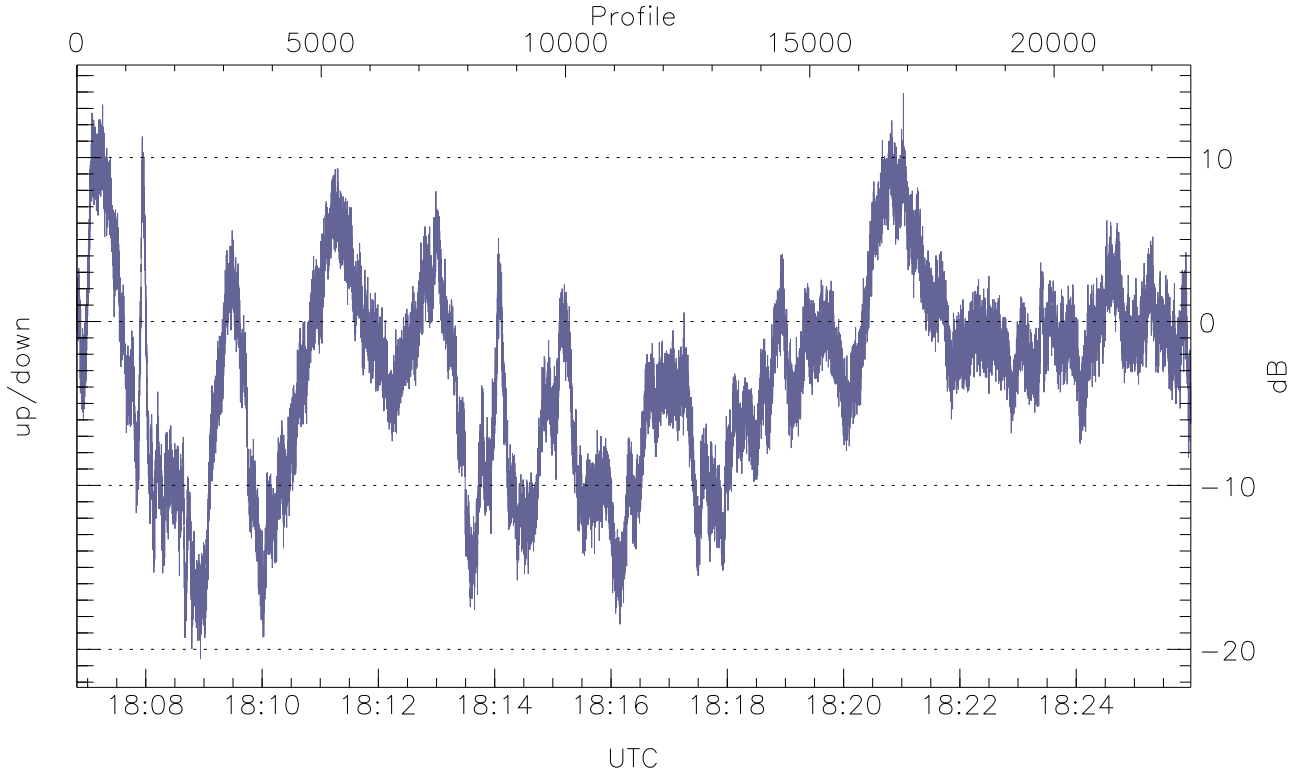


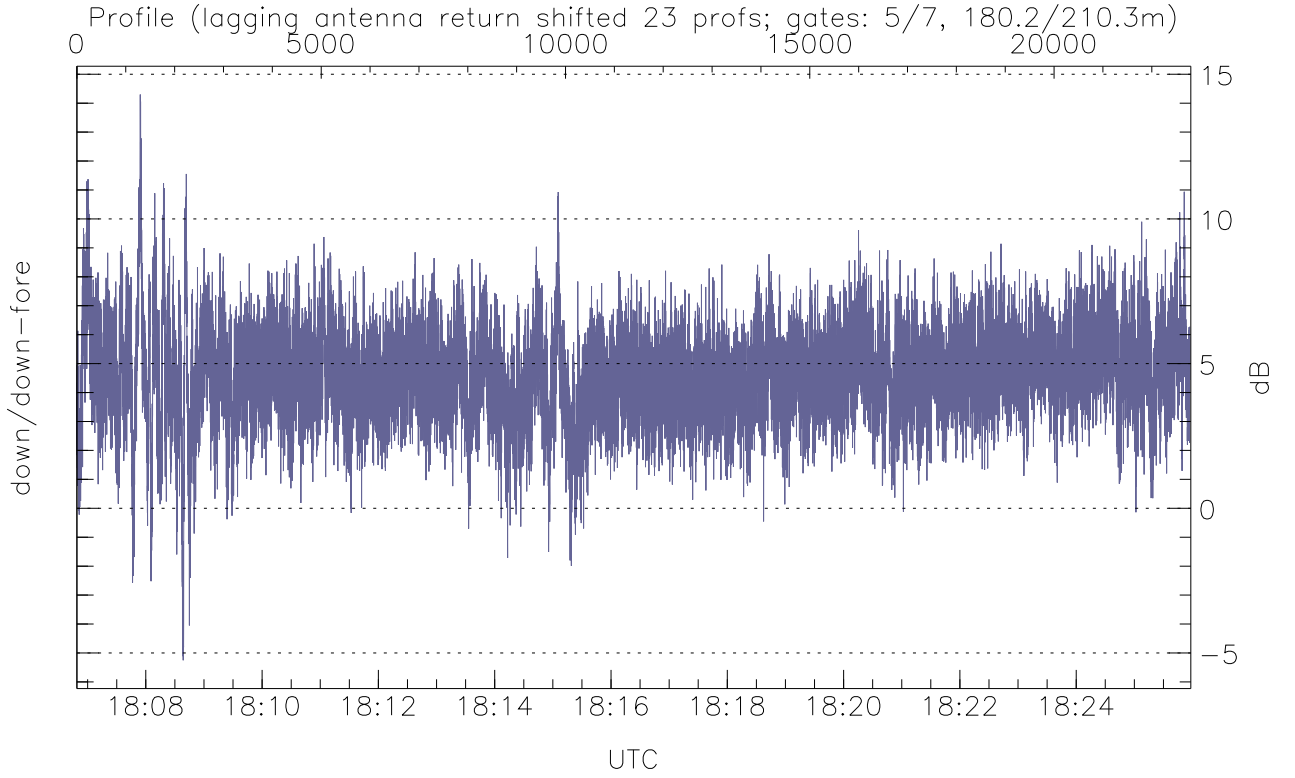
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

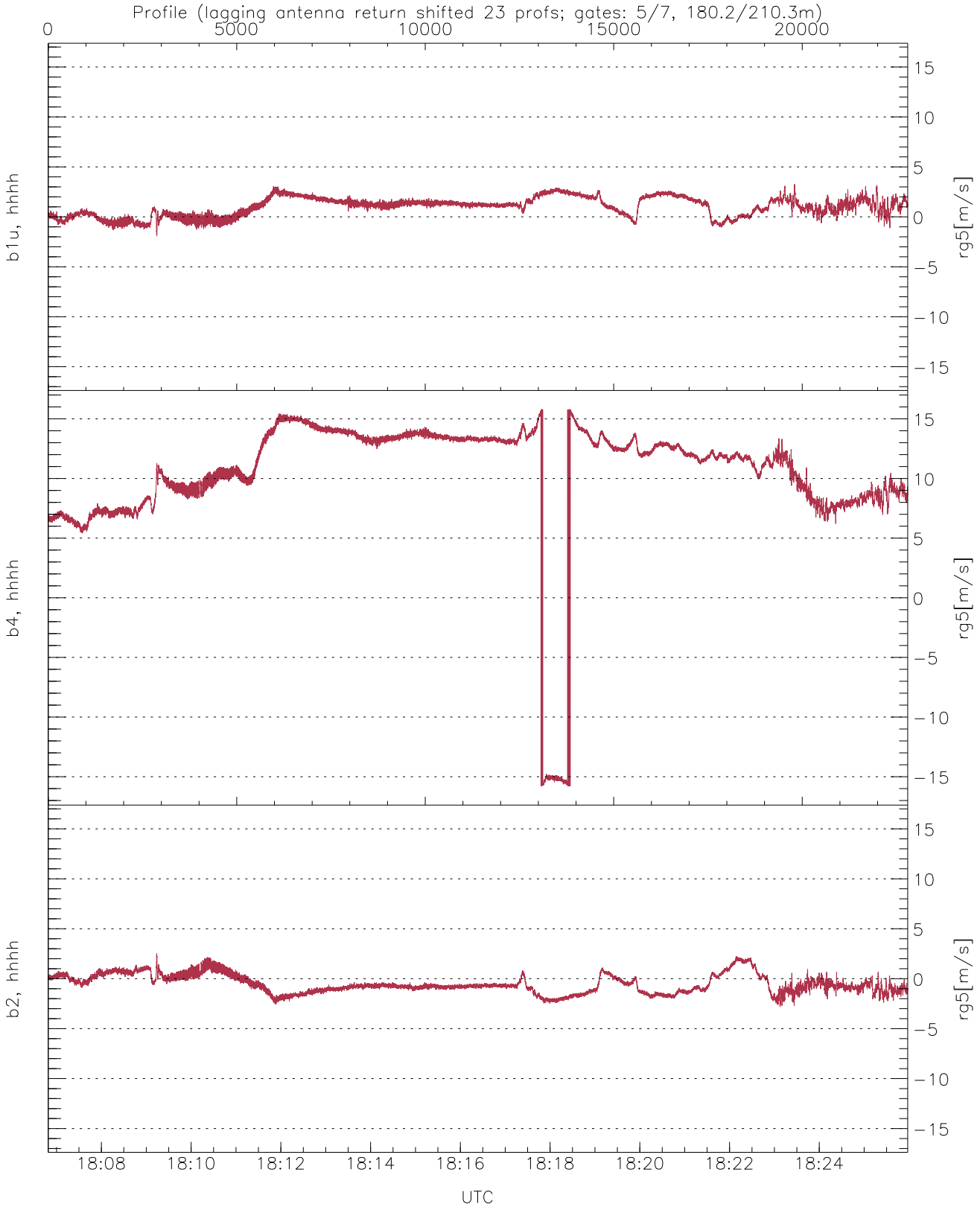
	Min	Max	Mean
up(hh[dBm])	-57.56	-14.48	-25.62
down-fore(hh[dBm])	-55.06	-17.30	-28.68
down(hh[dBm])	-50.47	-13.10	-24.88





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-20.59	13.92	-3.31
down/down-fore(dB)	-5.25	14.30	4.62



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.93	3.27	1.00	0.96
b4, hhhh(rg5[m/s])	-15.79	15.80	10.44	5.31
b2, hhhh(rg5[m/s])	-2.82	2.52	-0.54	0.94