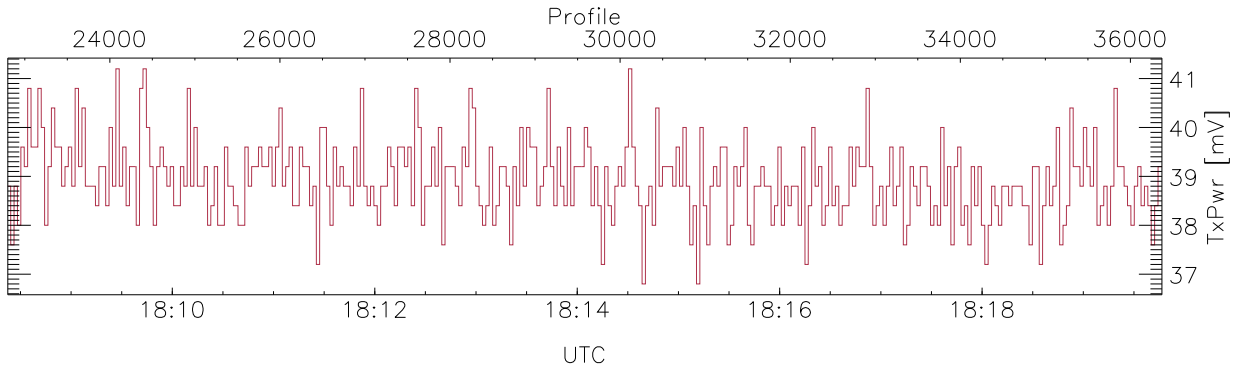
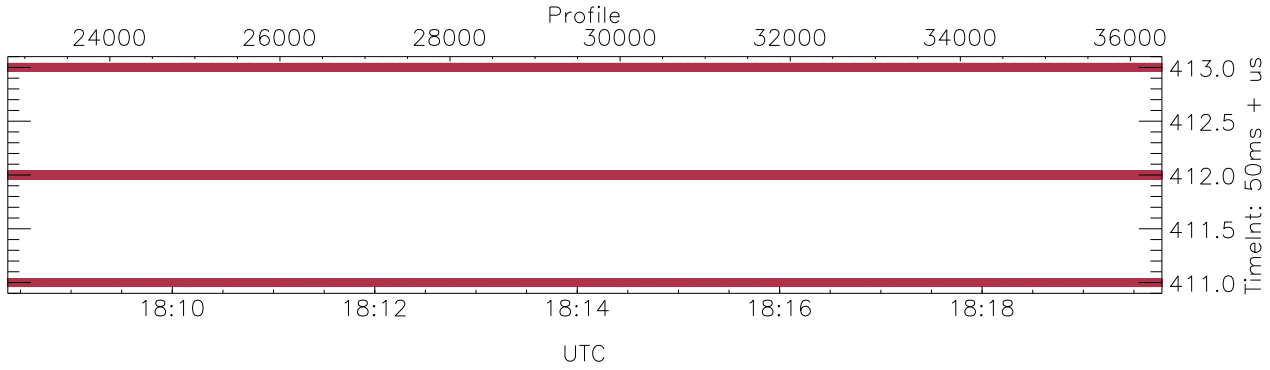
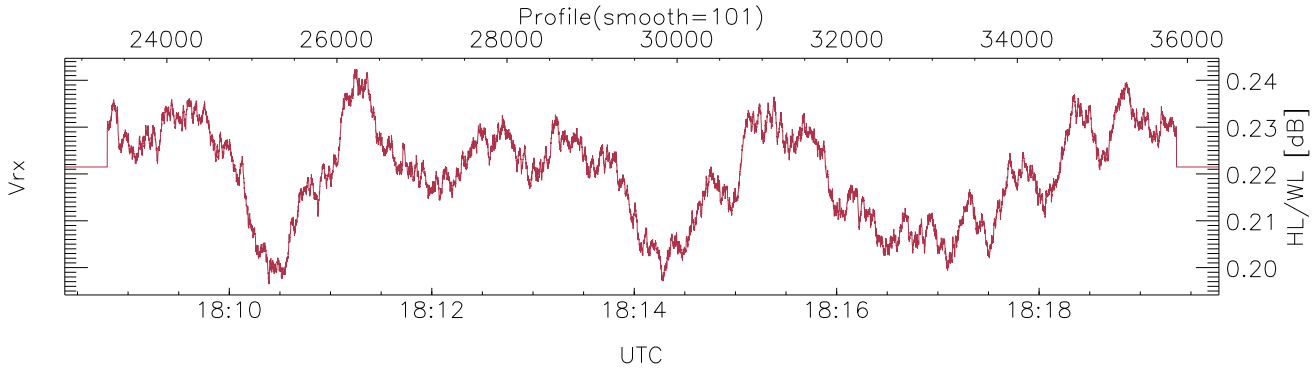
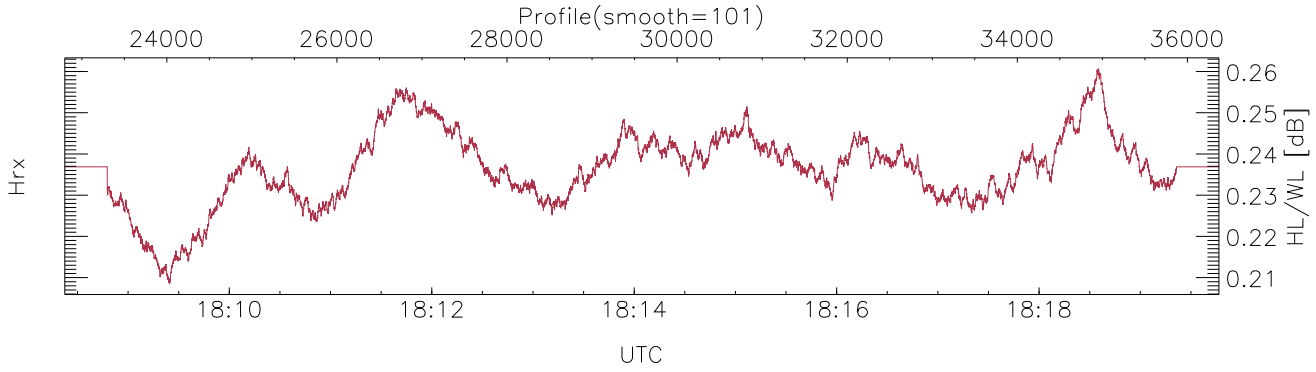


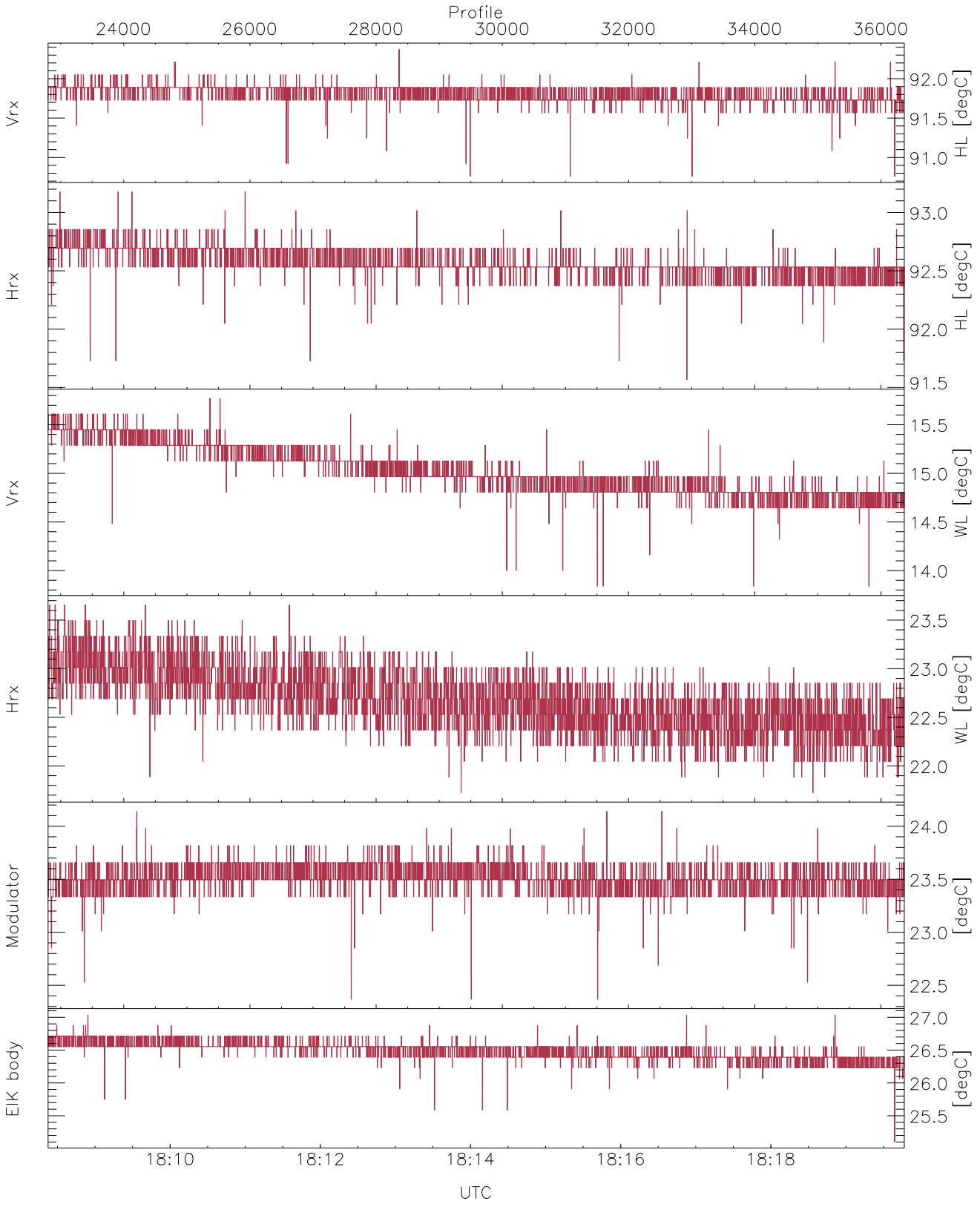






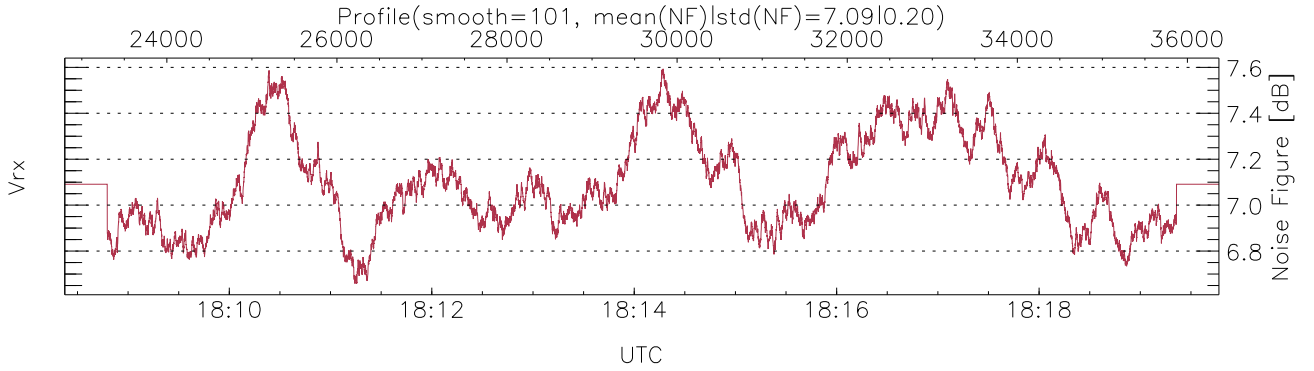
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

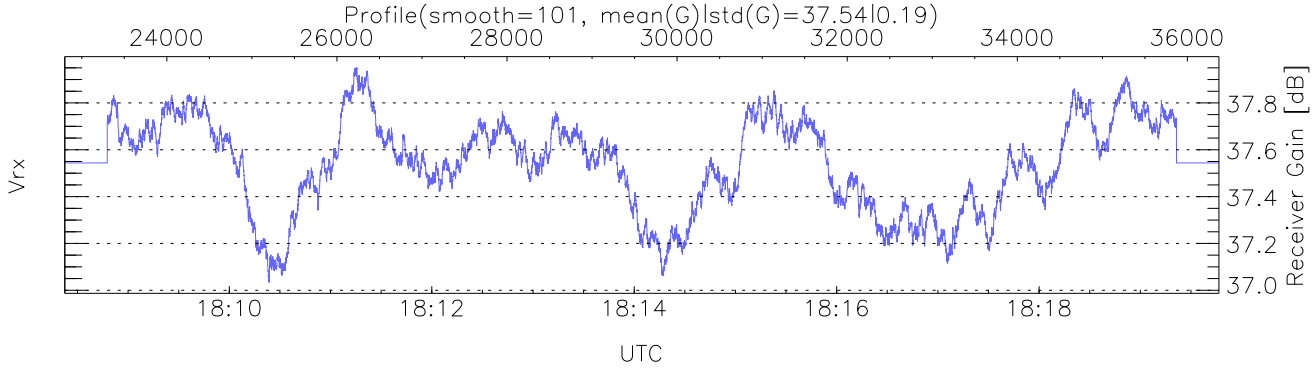
UTC: 17:49:13-18:19:47, Dur: 1833.56s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 13572/36372, 22800-36371/18:08:22-18:19:47
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

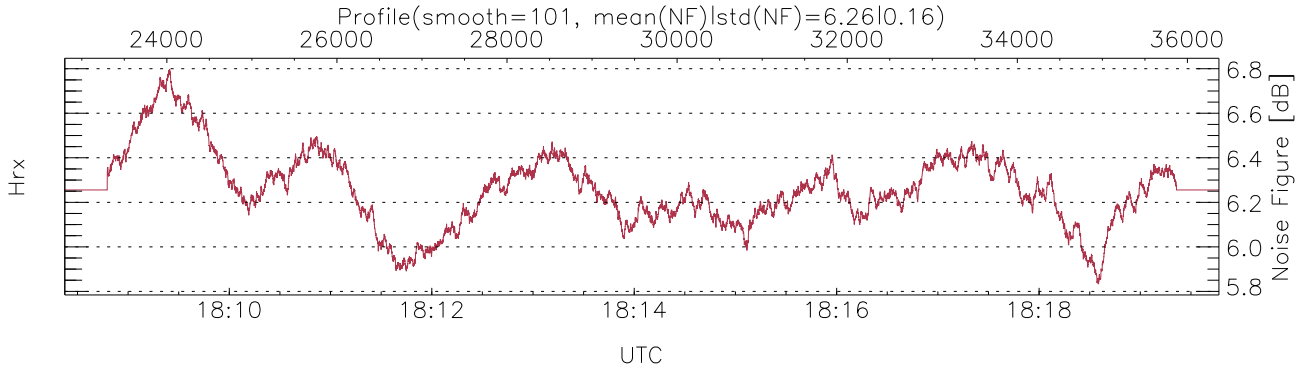


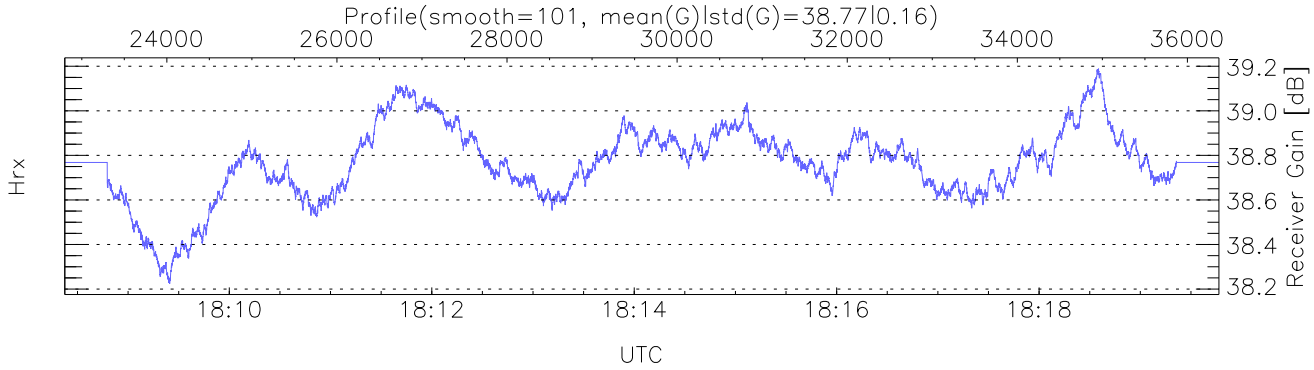
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,10,20)



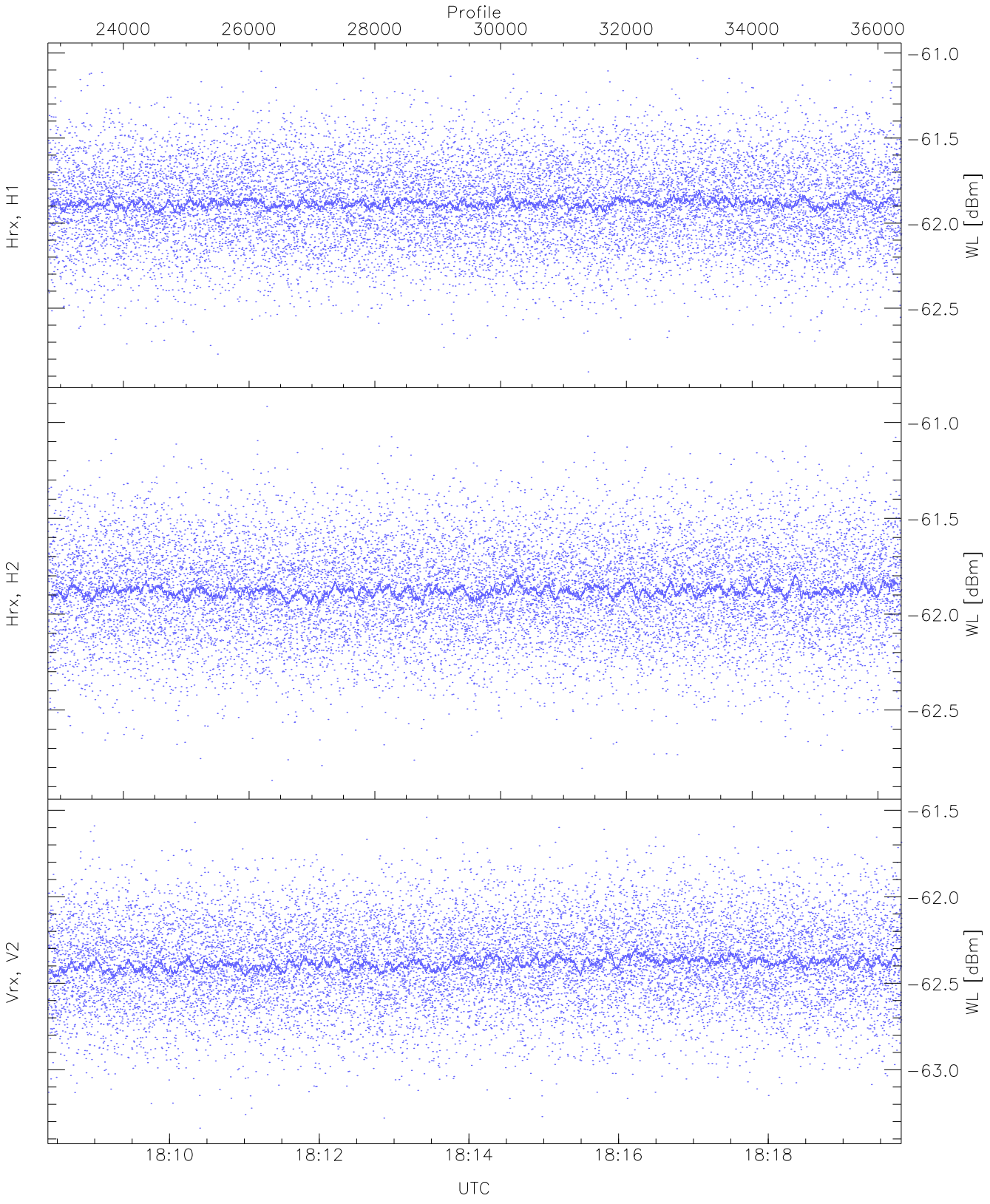






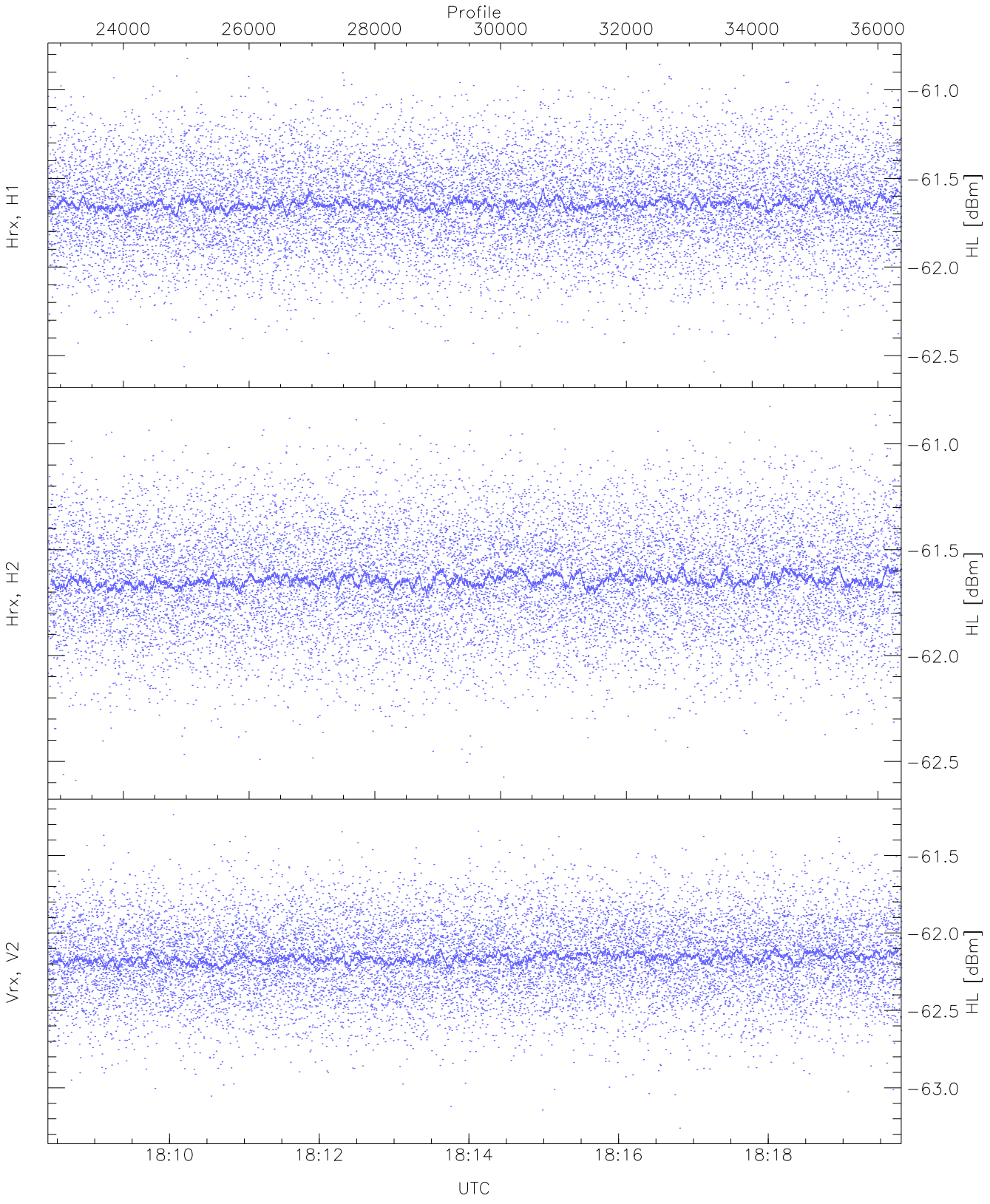
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 14288 pixs, 8 gates, 12501 profs, 2 prods



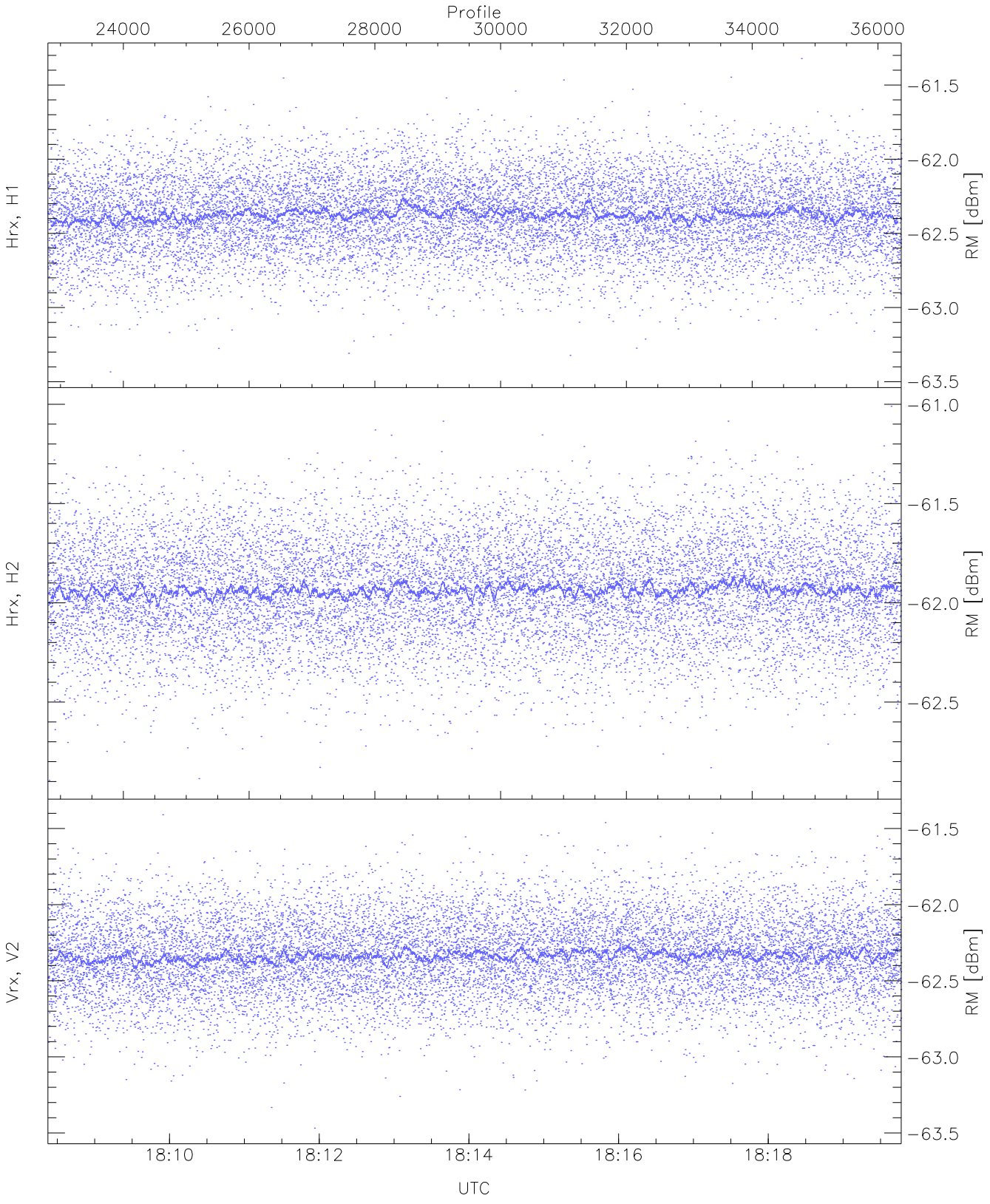
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.87	-61.03	-61.88	-61.88	-74.42
Hrx, H2(WL [dBm])	-62.87	-60.92	-61.87	-61.88	-74.42
Vrx, V2(WL [dBm])	-63.34	-61.53	-62.38	-62.39	-74.92



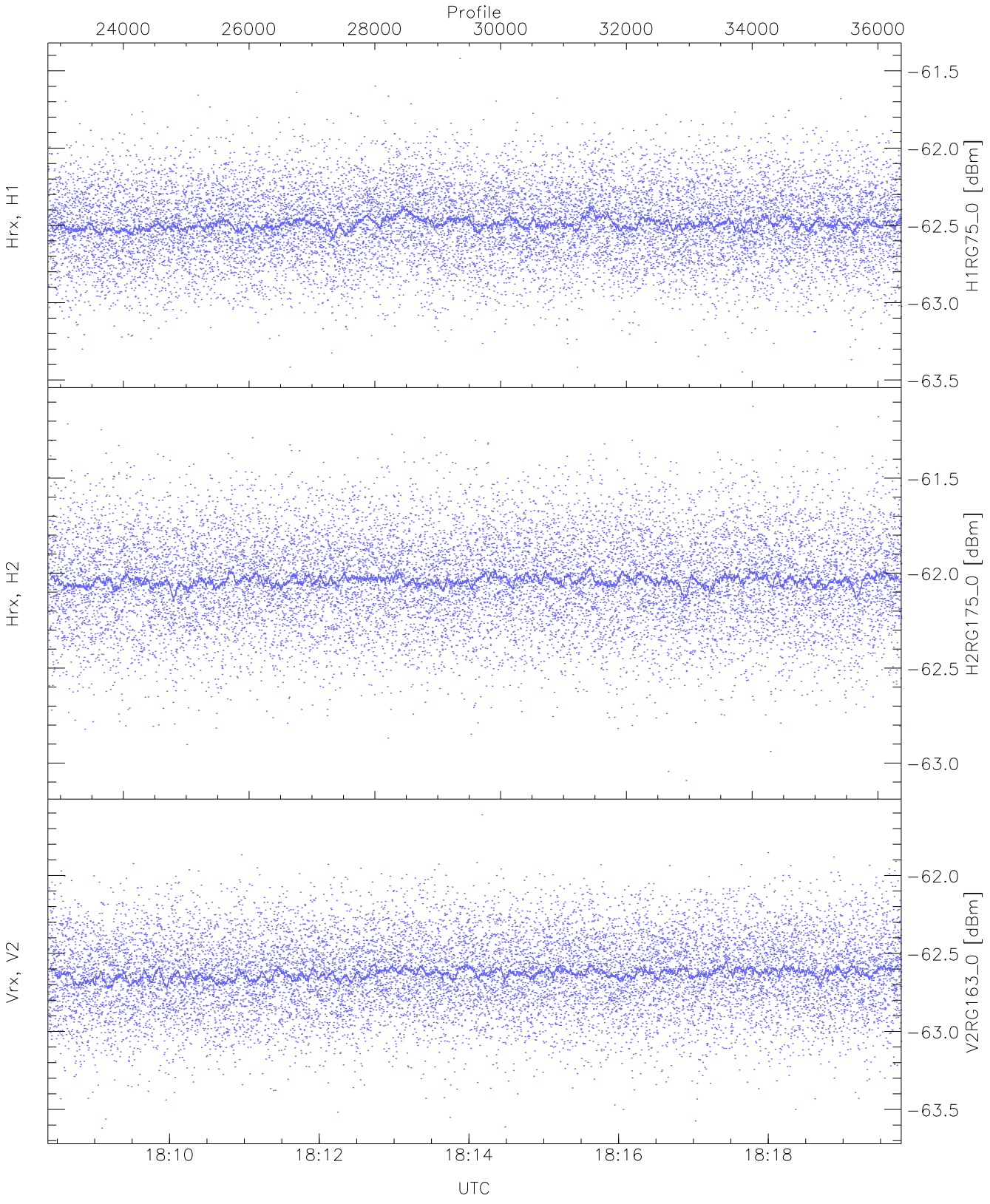
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.59	-60.82	-61.64	-61.64	-74.23
Hrx, H2(HL [dBm])	-62.59	-60.82	-61.64	-61.65	-74.27
Vrx, V2(HL [dBm])	-63.26	-61.24	-62.16	-62.16	-74.69



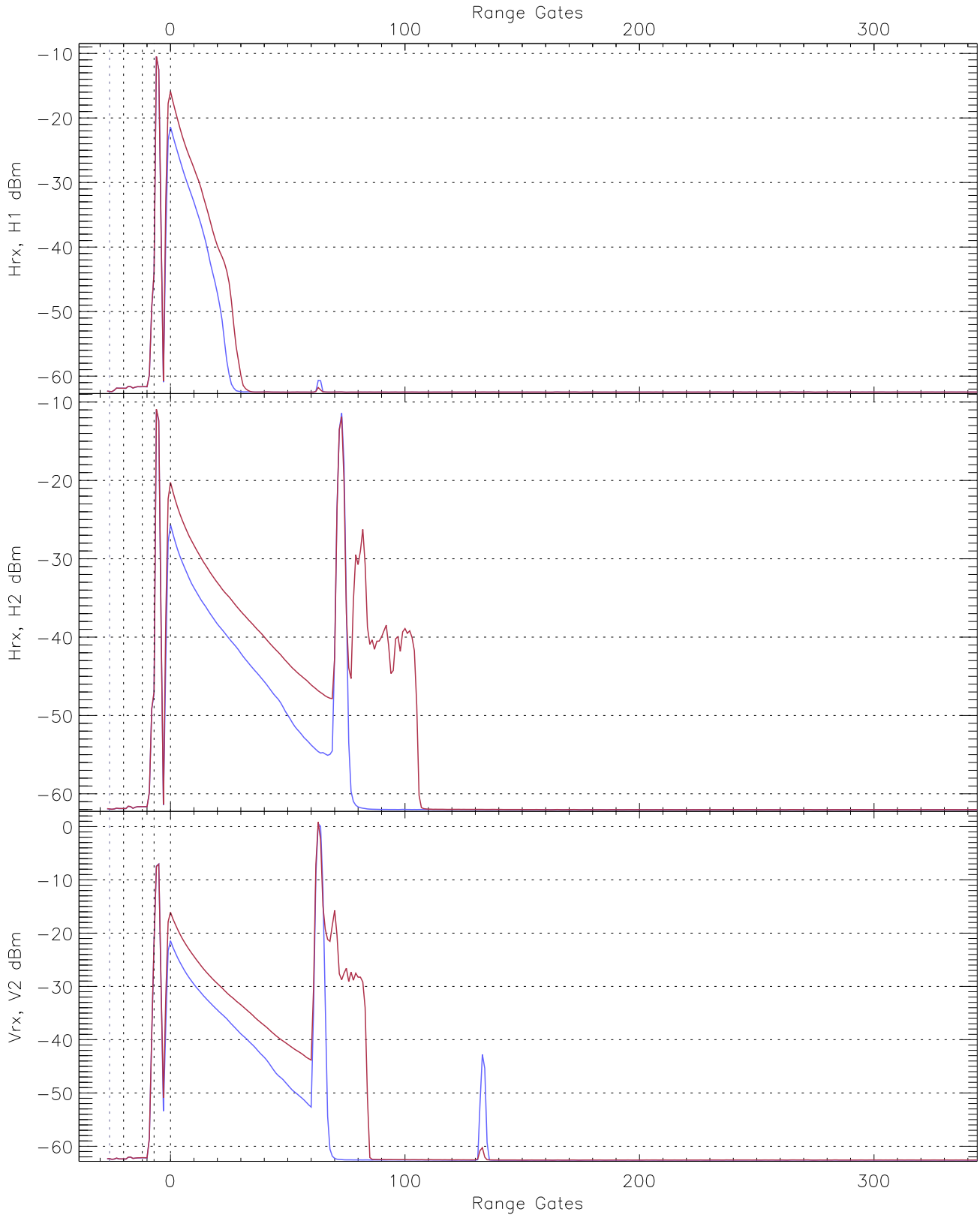
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.43	-61.32	-62.37	-62.37	-74.93
Hrx, H2(RM [dBm])	-62.89	-61.01	-61.93	-61.94	-74.55
Vrx, V2(RM [dBm])	-63.47	-61.41	-62.33	-62.34	-74.93

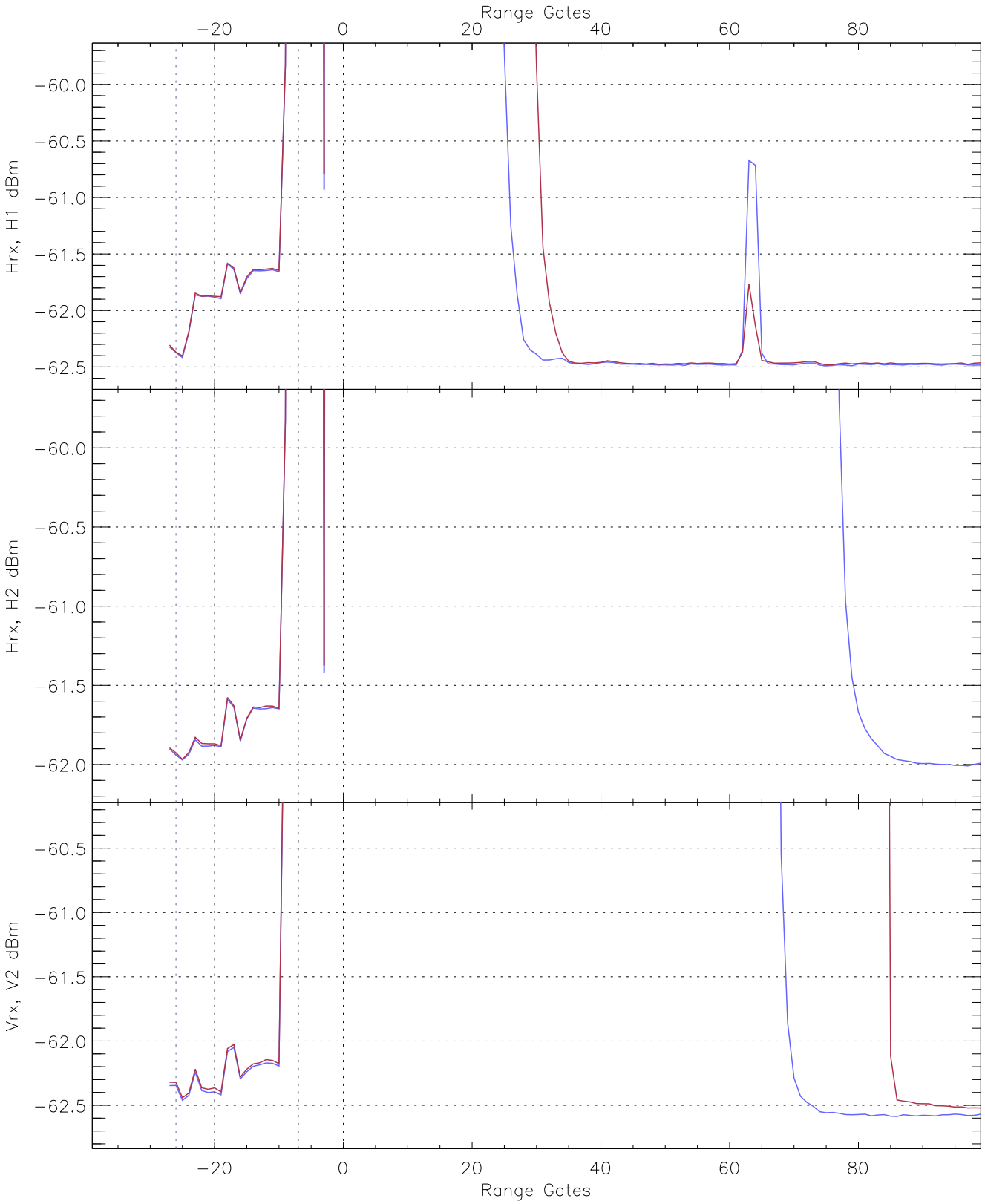


WCR2 CPP "Best" estimate Receivers Noise Power

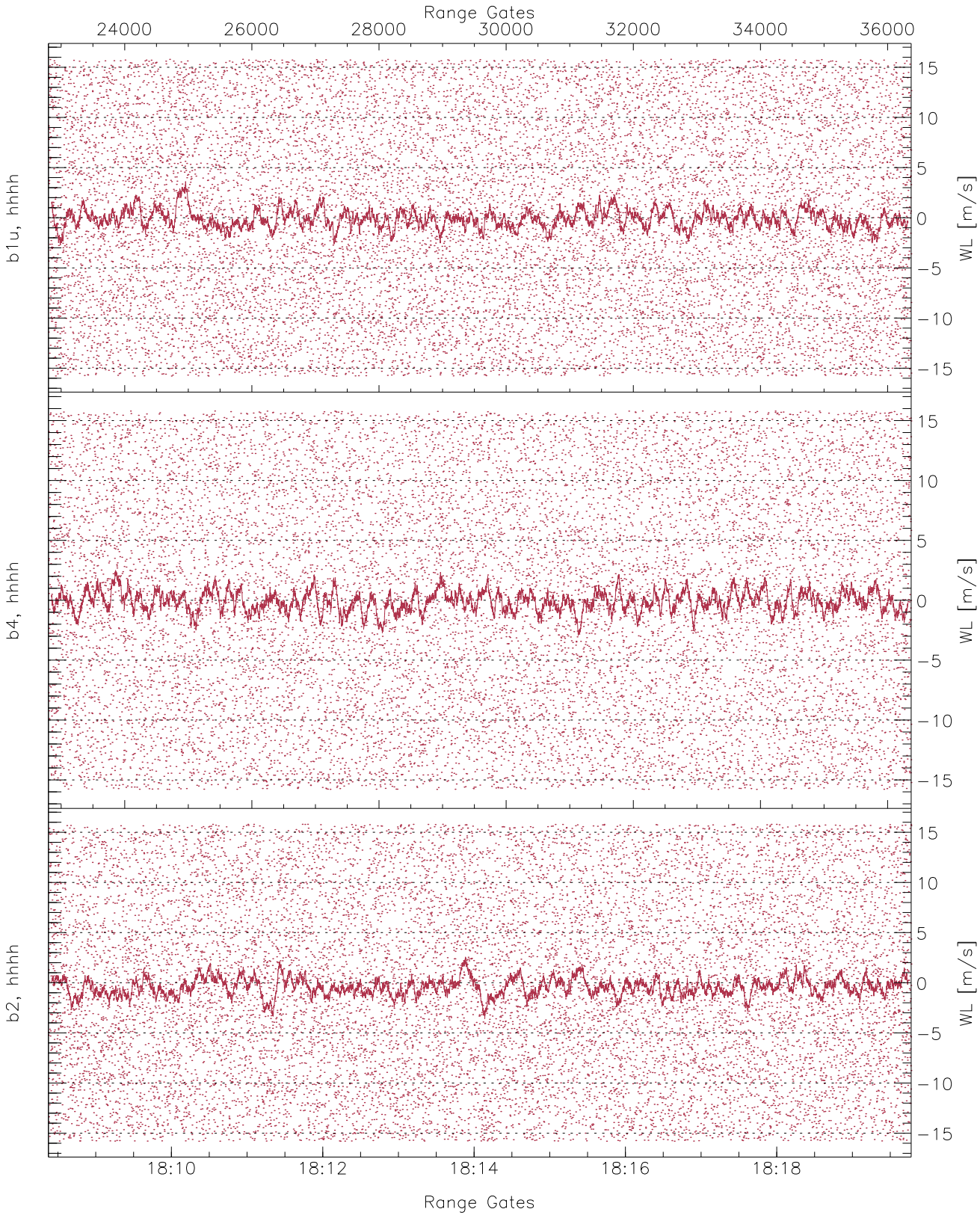
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.45	-61.42	-62.49	-62.49	-75.08
H2RG175_0 [dBm]	-63.09	-61.12	-62.04	-62.04	-74.63
V2RG163_0 [dBm]	-63.62	-61.61	-62.63	-62.63	-75.15



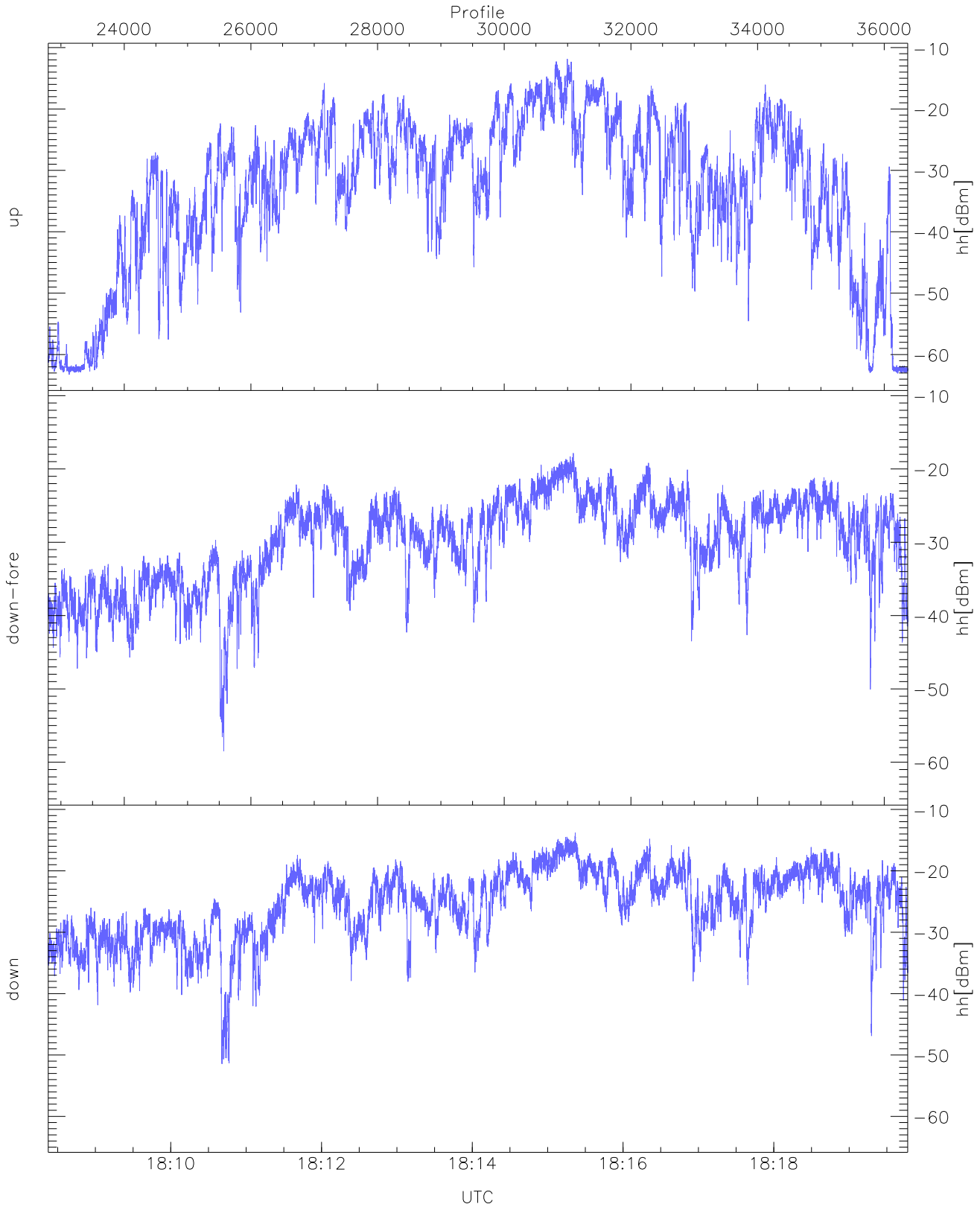
WCR2 CPP Averaged Received power for all recorded gates
blue: 180822-181405, 6787 profiles averaged
red: 181405-181947, 6786 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180822-181405, 6787 profiles averaged
red: 181405-181947, 6786 profiles averaged

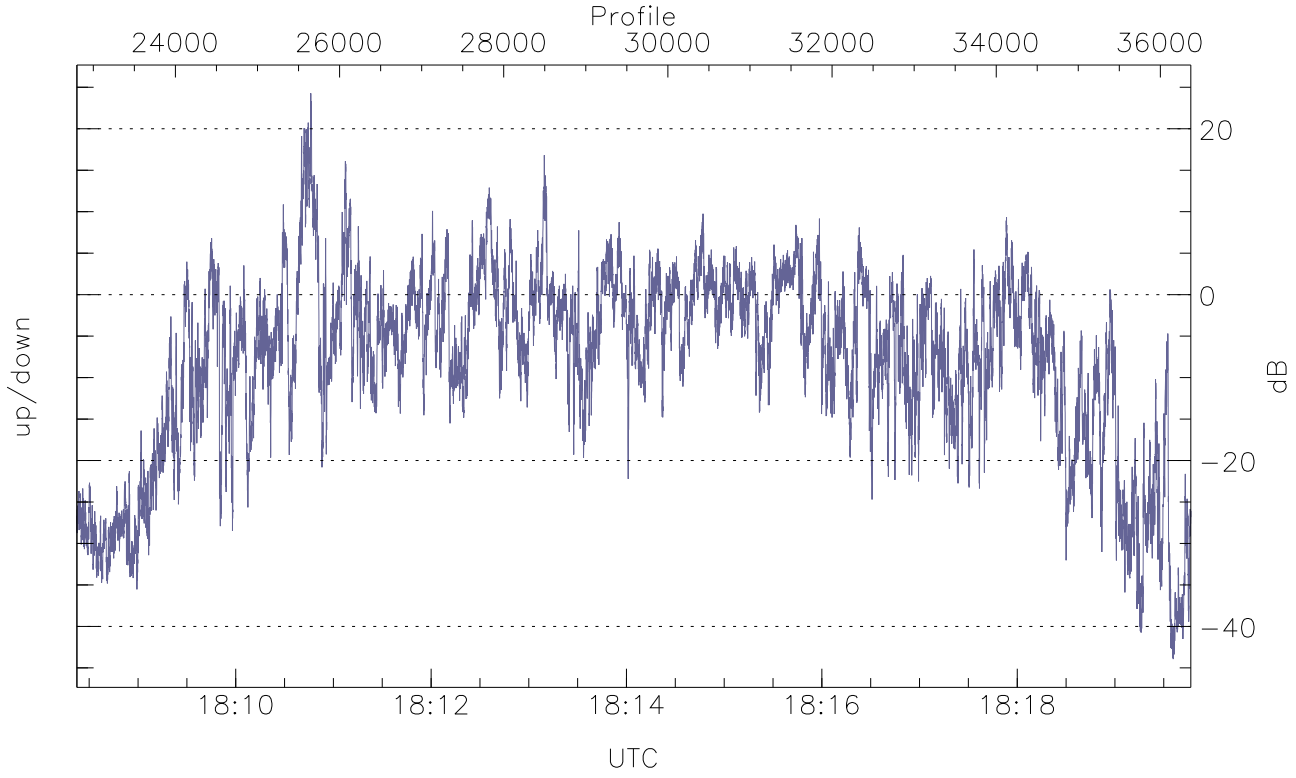


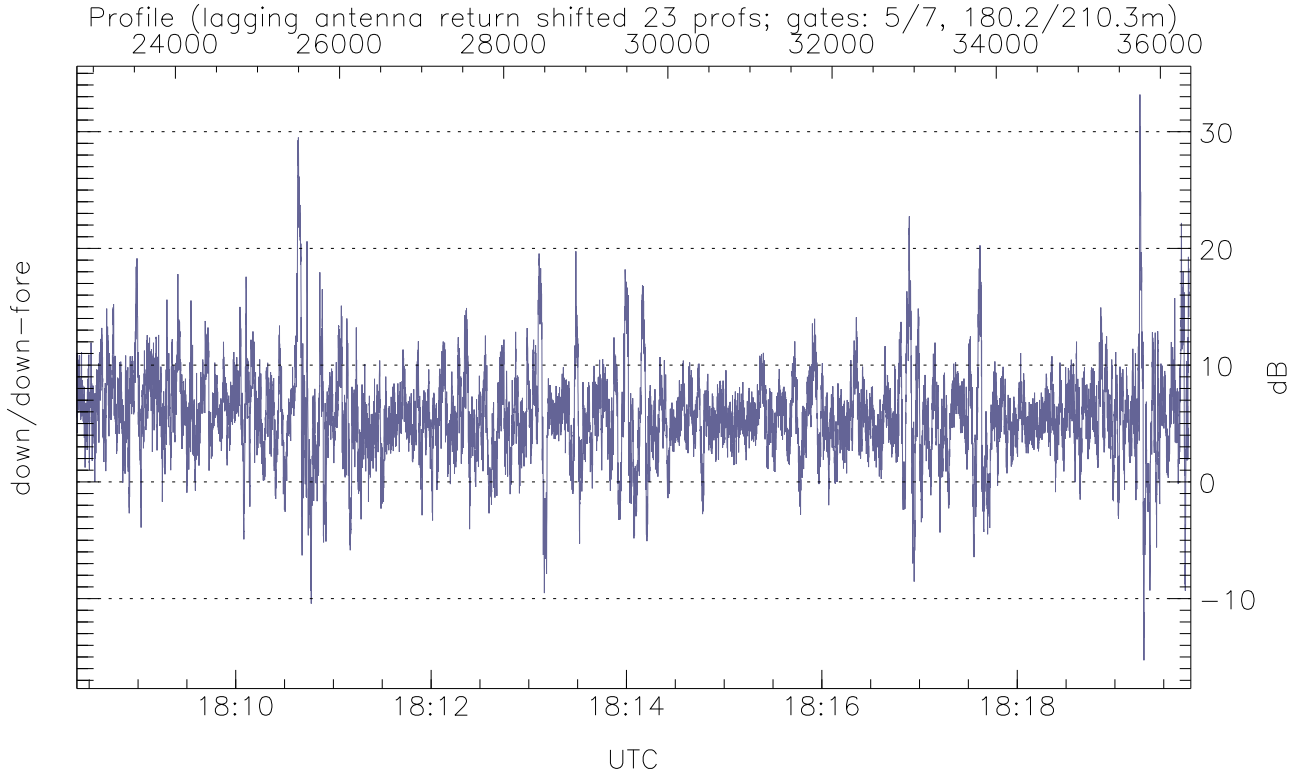
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

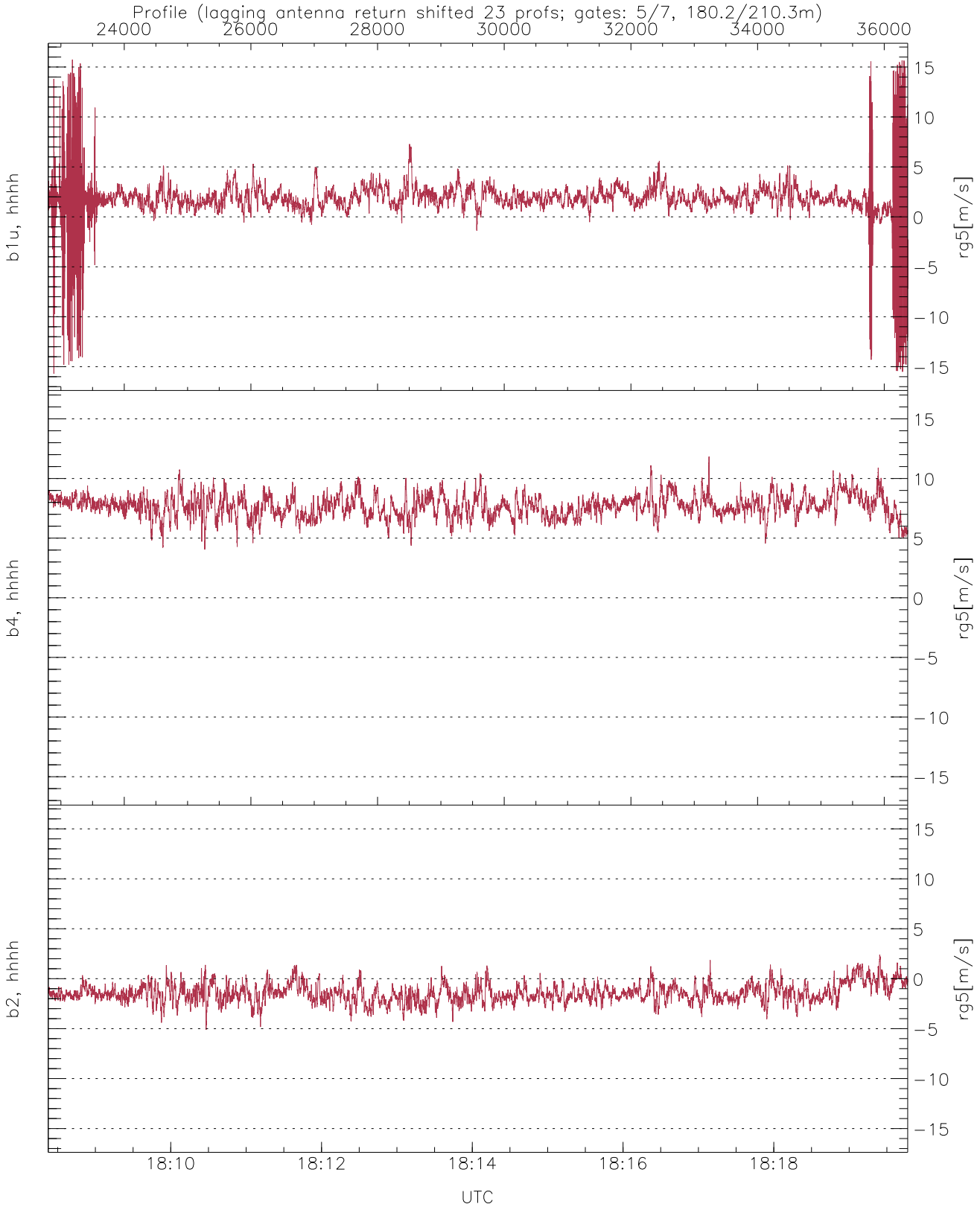
	Min	Max	Mean
up(hh[dBm])	-63.28	-11.86	-24.57
down-fore(hh[dBm])	-58.49	-17.84	-26.96
down(hh[dBm])	-51.44	-13.80	-22.86





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

	Min	Max	Mean
up/down(dB)	-43.94	24.27	-7.85
down/down-fore(dB)	-15.28	33.19	5.70



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.74	1.85	1.89
b4, hhhh(rg5[m/s])	4.05	11.83	7.68	0.94
b2, hhhh(rg5[m/s])	-5.11	2.42	-1.44	0.93