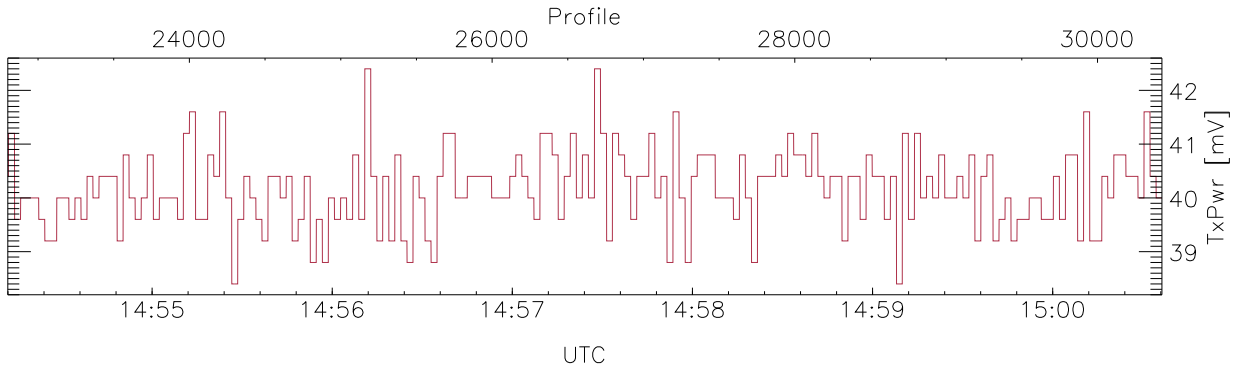
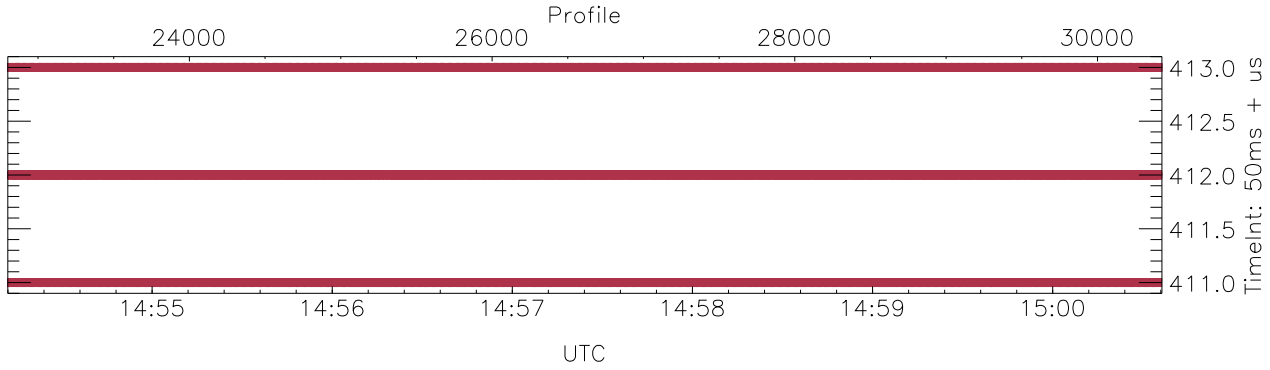
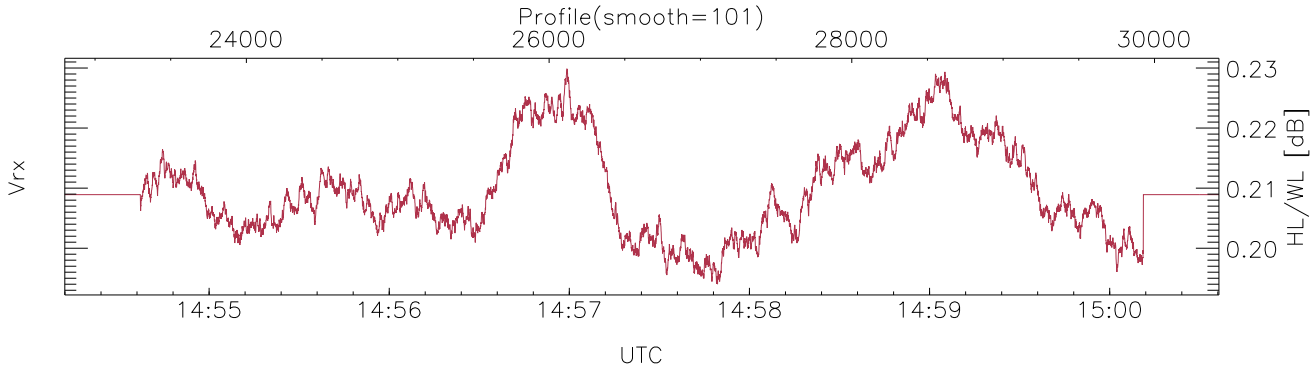
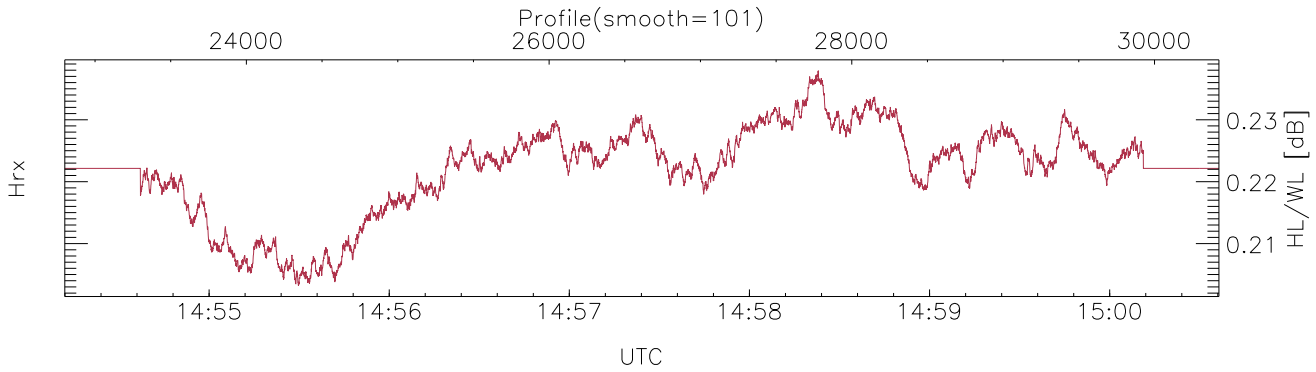


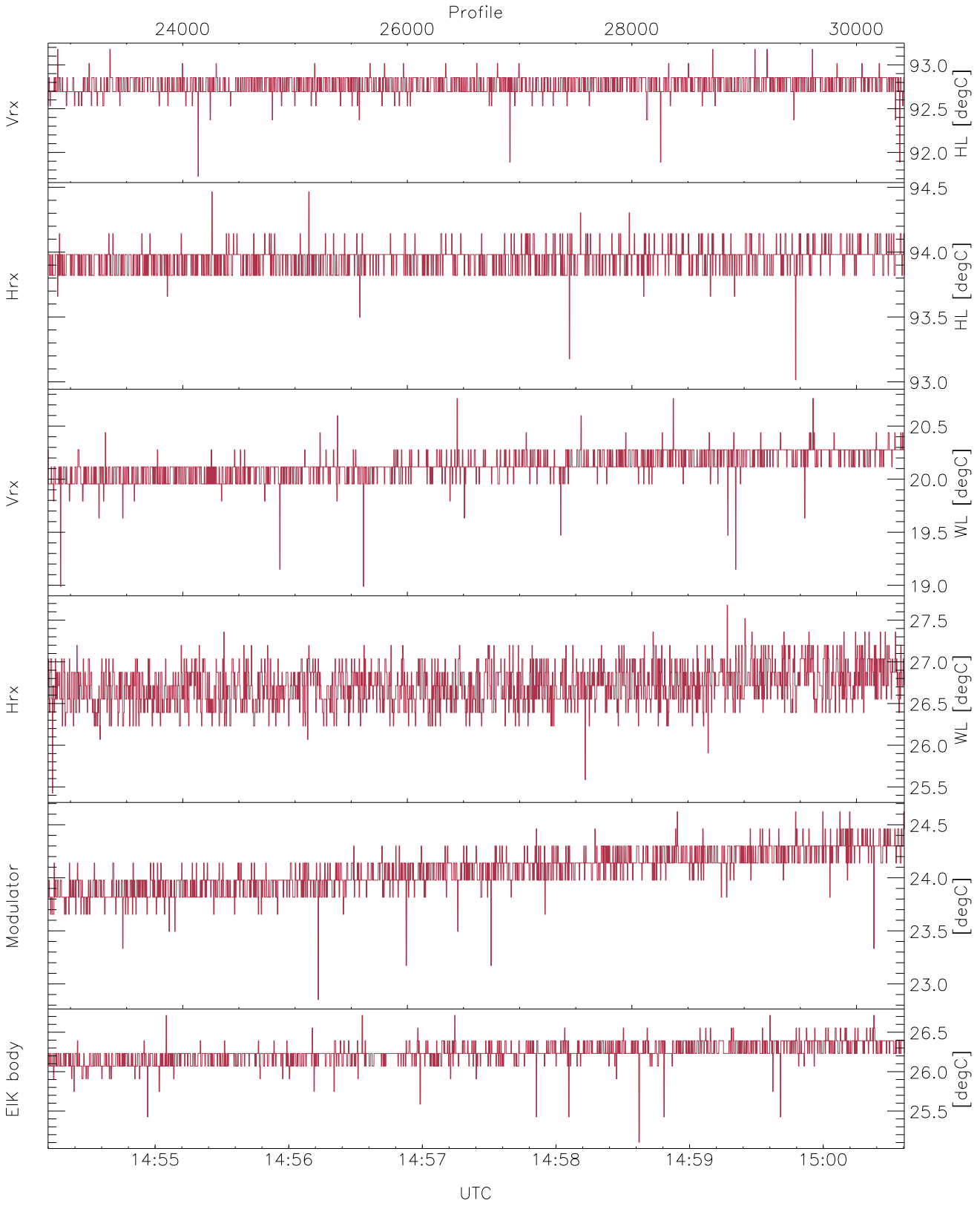






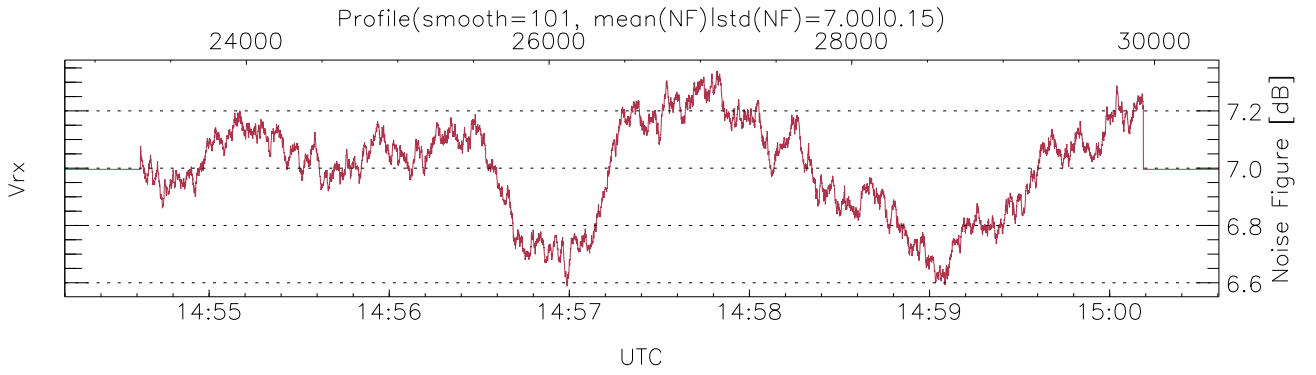
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

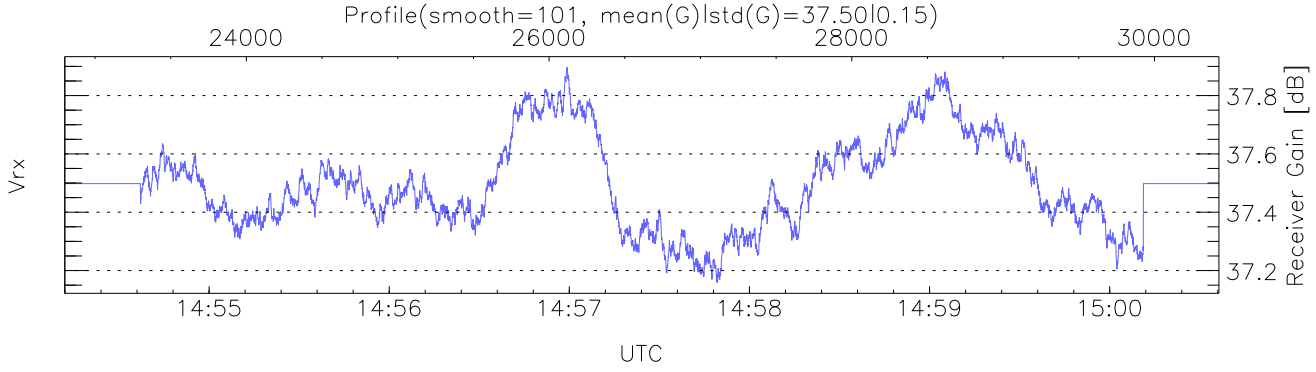
UTC: 14:35:03-15:00:36, Dur: 1533.85s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 7627/30427, 22800-30426/14:54:12-15:00:36
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

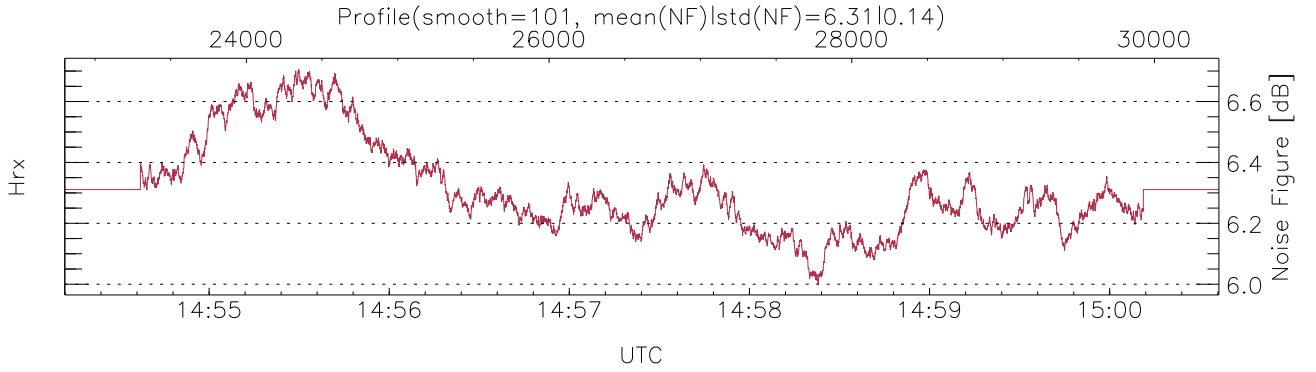


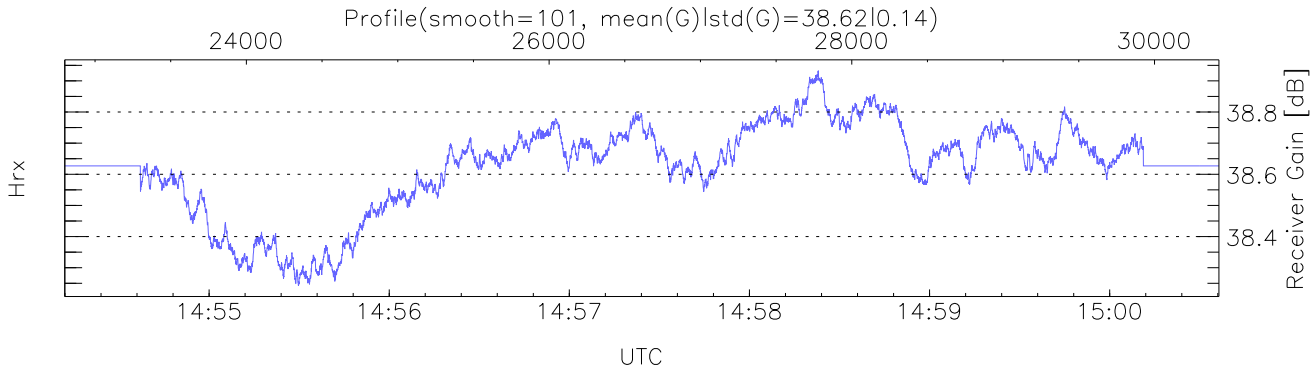
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,27,24,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)



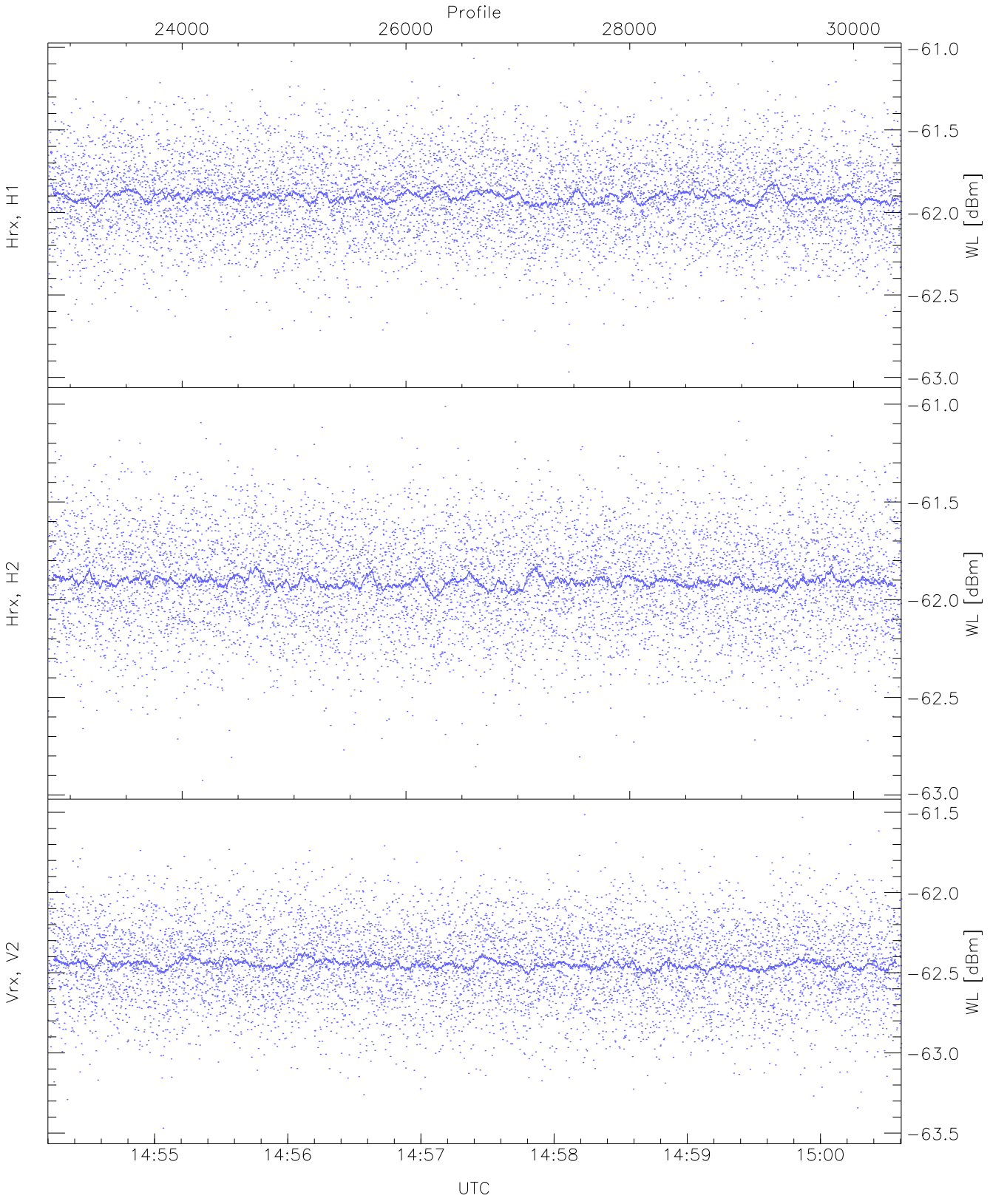






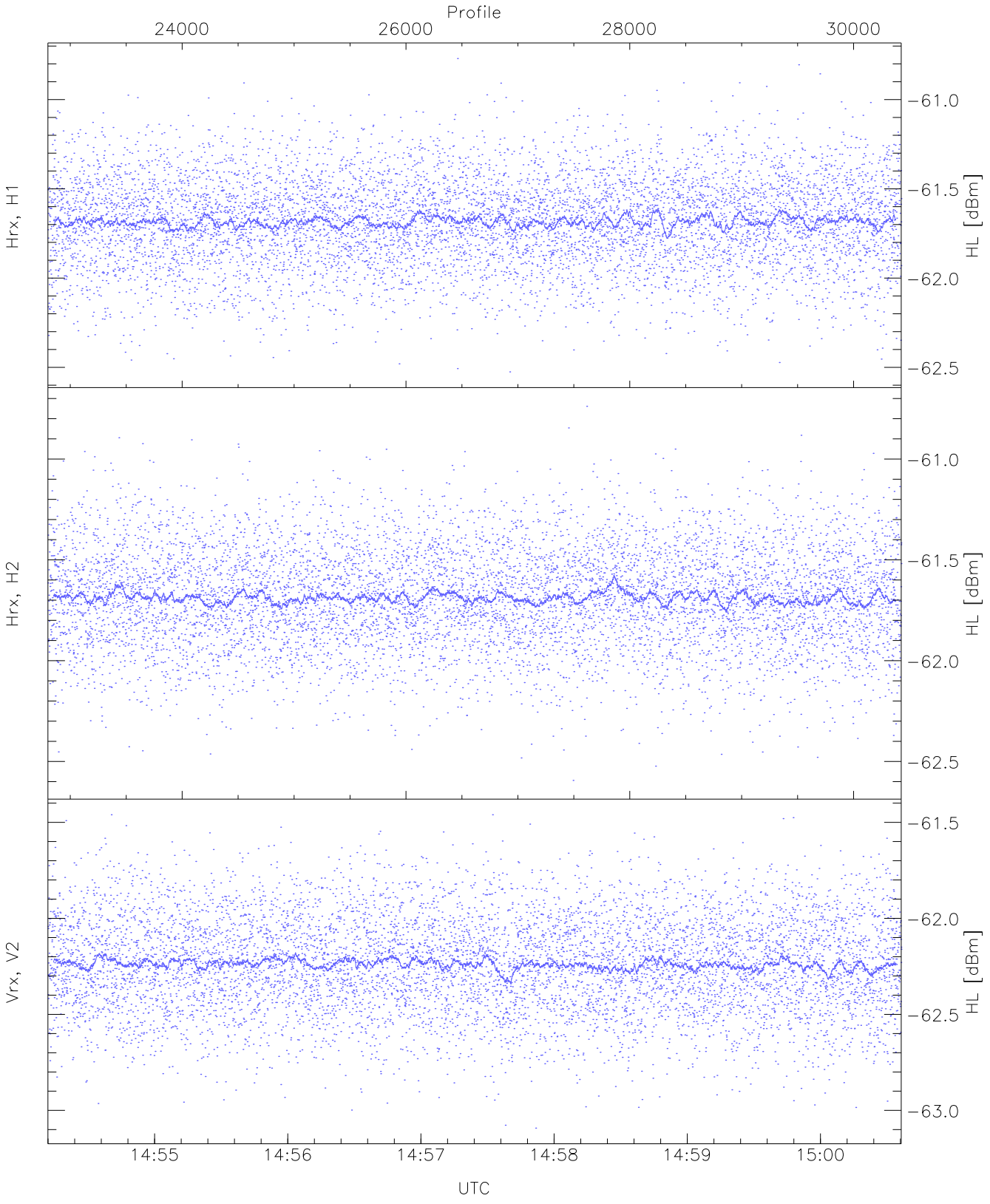
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1755 pixs, 15 gates, 1743 profs, 1 prods



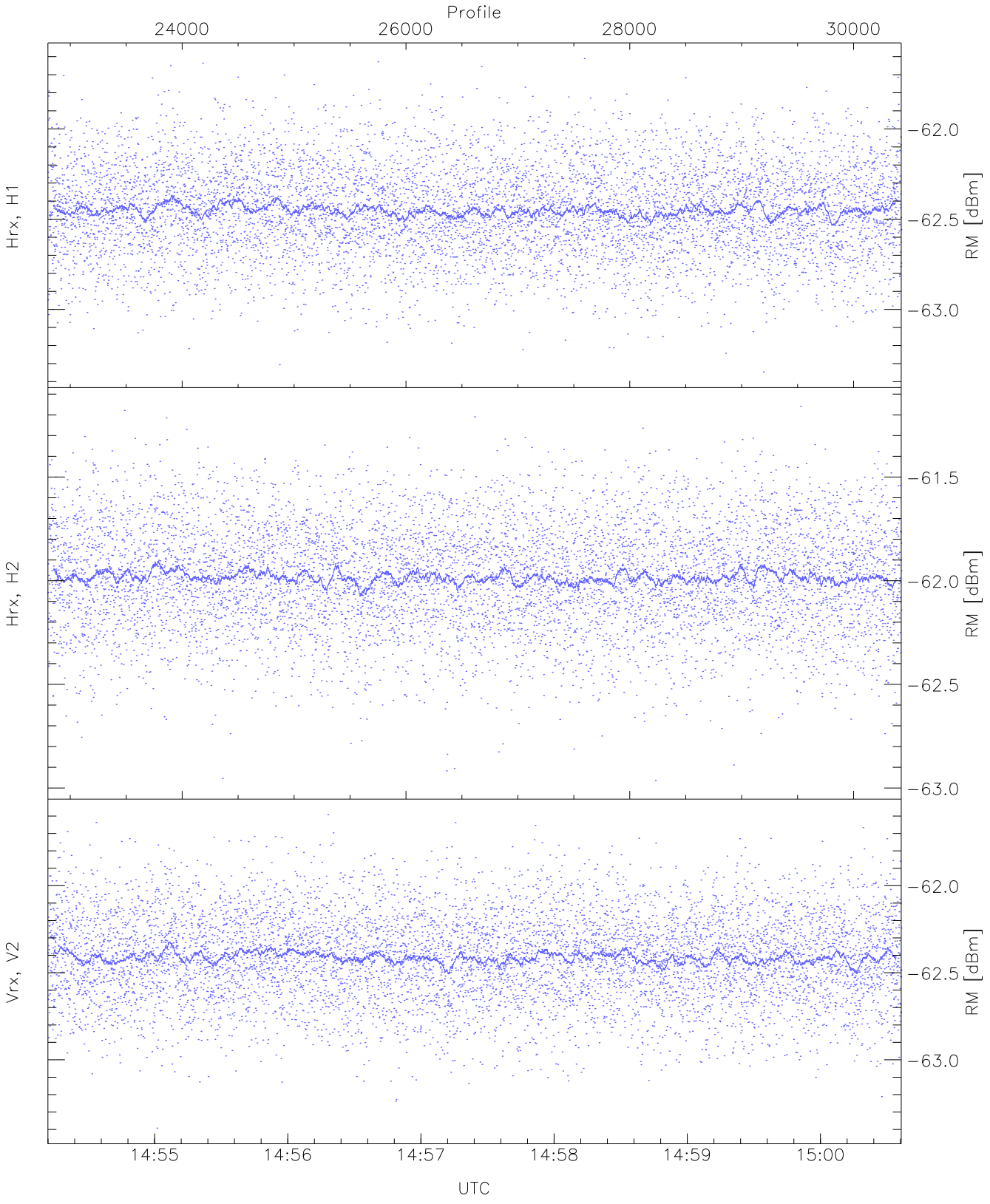
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.97	-61.07	-61.90	-61.90	-74.48
Hrx, H2(WL [dBm])	-62.92	-61.01	-61.90	-61.91	-74.45
Vrx, V2(WL [dBm])	-63.47	-61.52	-62.44	-62.44	-74.99



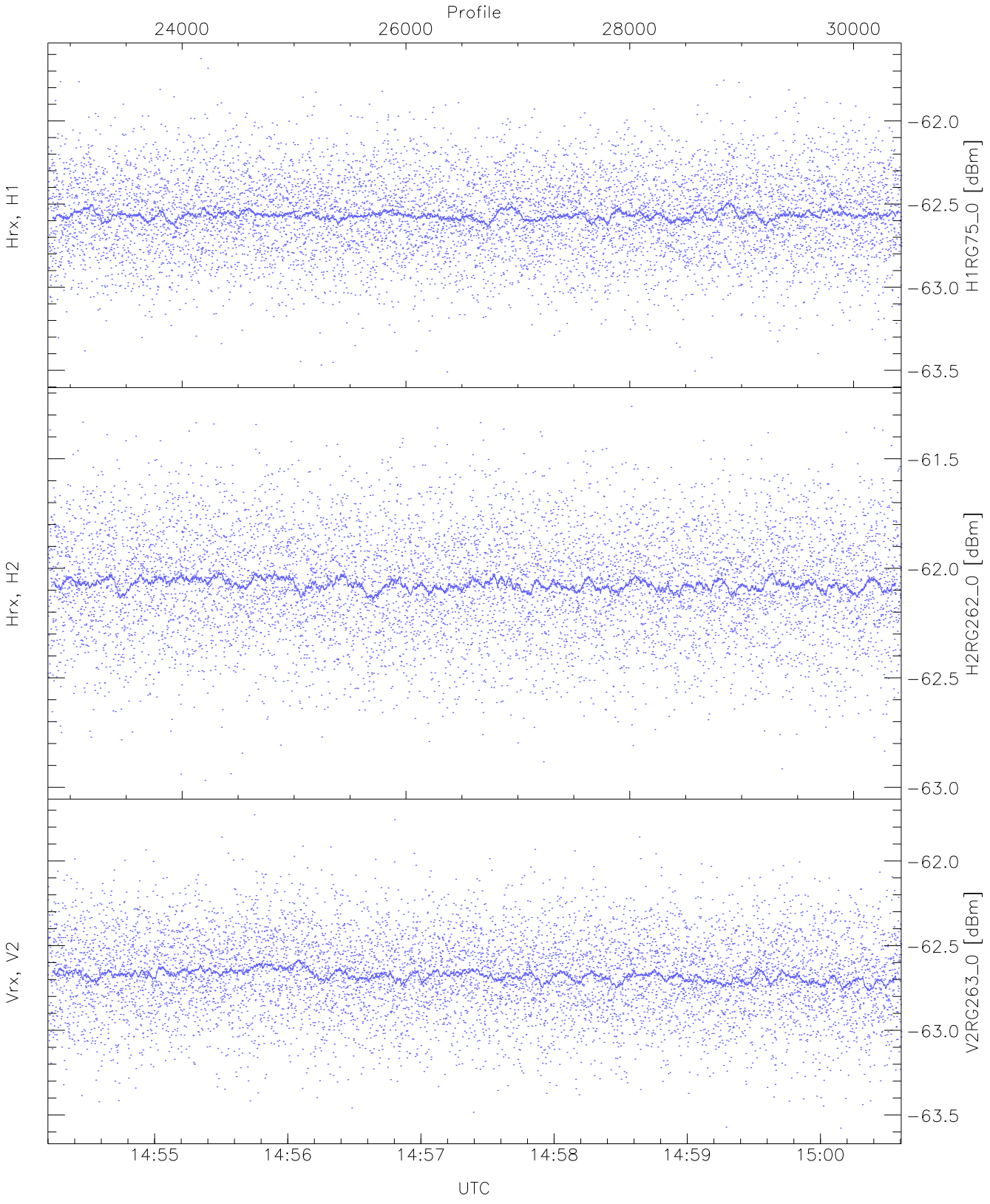
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.53	-60.77	-61.68	-61.68	-74.26
Hrx, H2(HL [dBm])	-62.59	-60.74	-61.68	-61.69	-74.30
Vrx, V2(HL [dBm])	-63.09	-61.46	-62.23	-62.24	-74.82



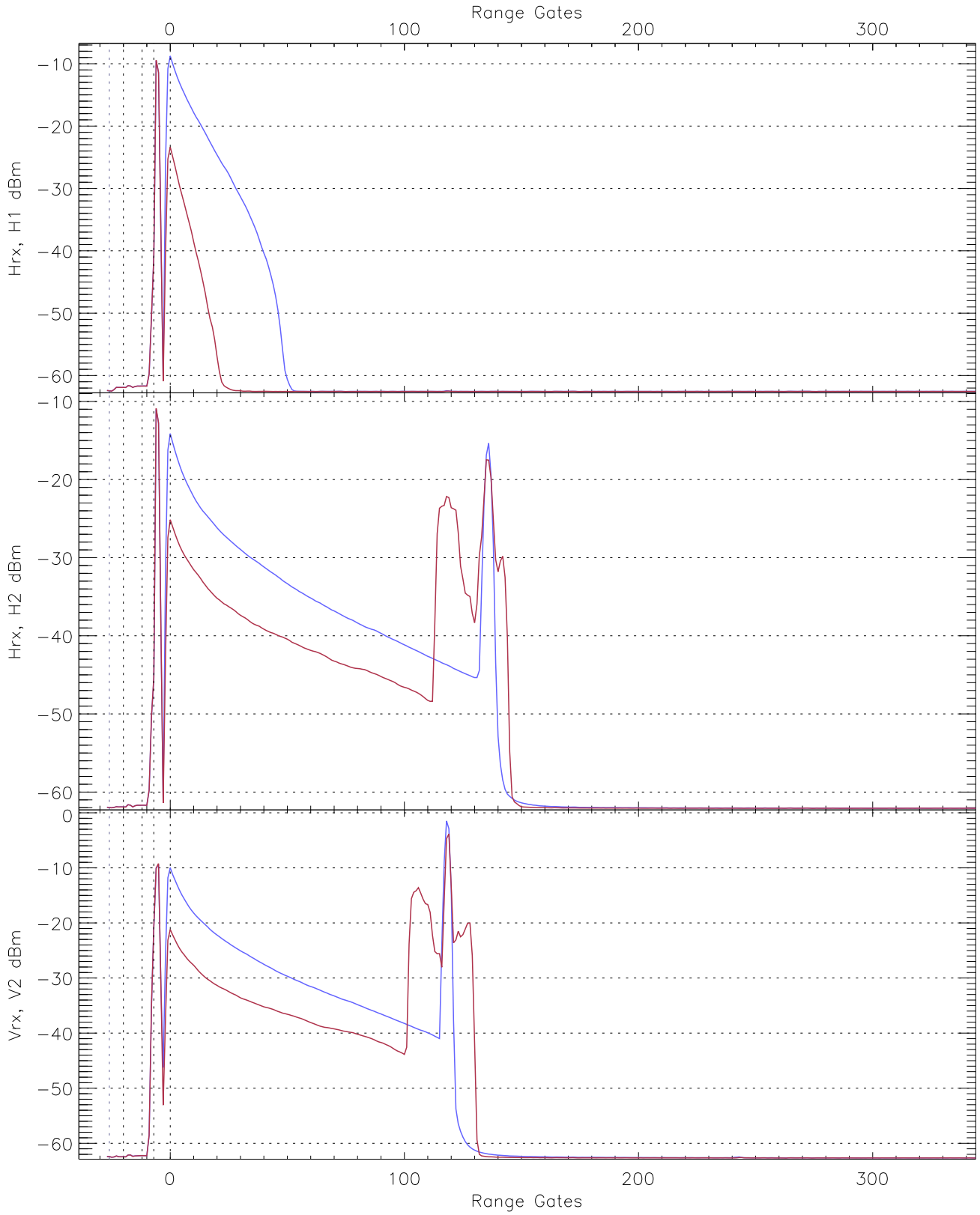
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.35	-61.61	-62.45	-62.46	-75.04
Hrx, H2(RM [dBm])	-62.96	-61.16	-61.98	-61.98	-74.50
Vrx, V2(RM [dBm])	-63.39	-61.59	-62.41	-62.41	-74.95

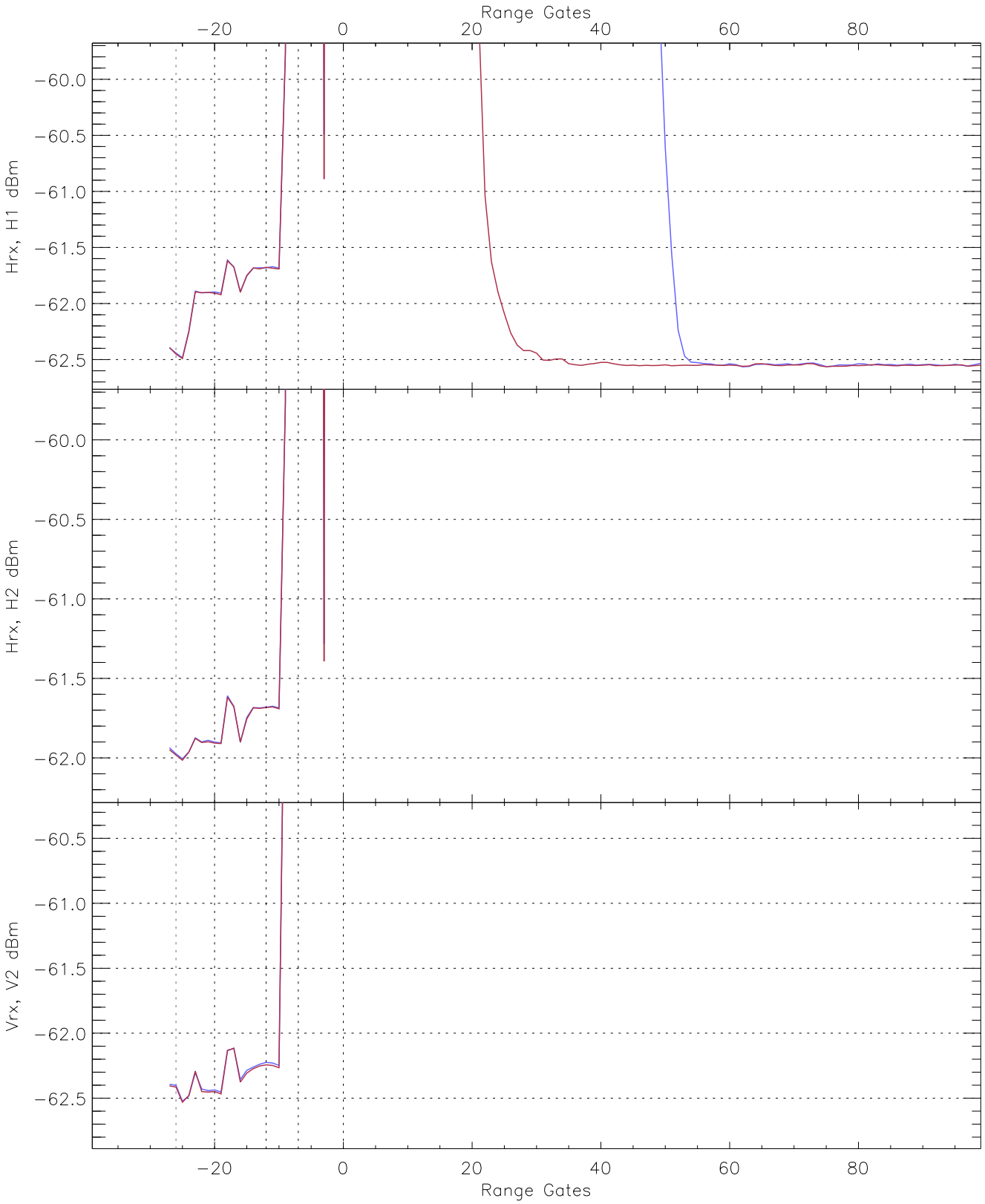


WCR2 CPP "Best" estimate Receivers Noise Power

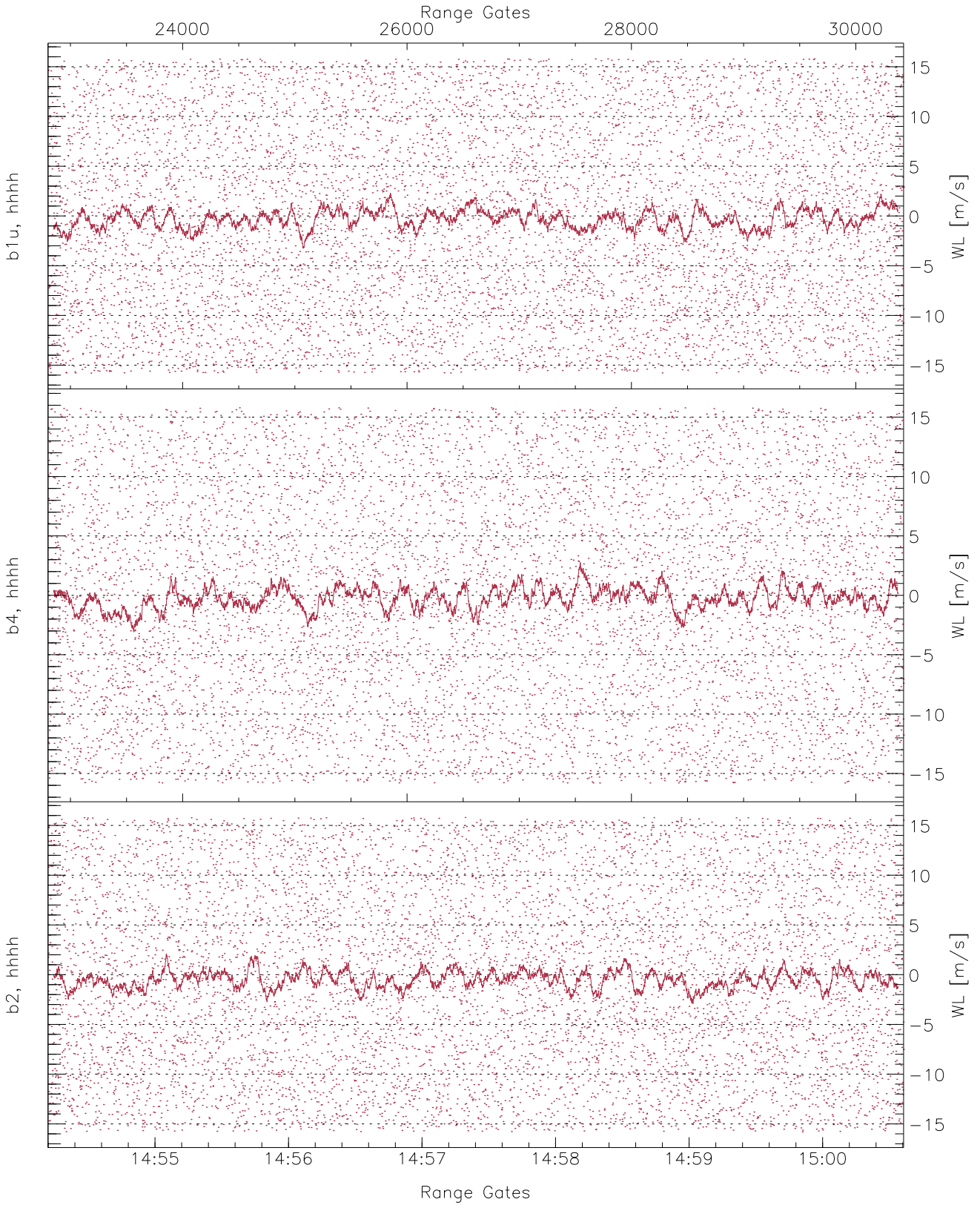
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.51	-61.63	-62.56	-62.57	-75.09
H2RG262_0 [dBm]	-62.97	-61.26	-62.07	-62.07	-74.69
V2RG263_0 [dBm]	-63.58	-61.73	-62.67	-62.68	-75.22



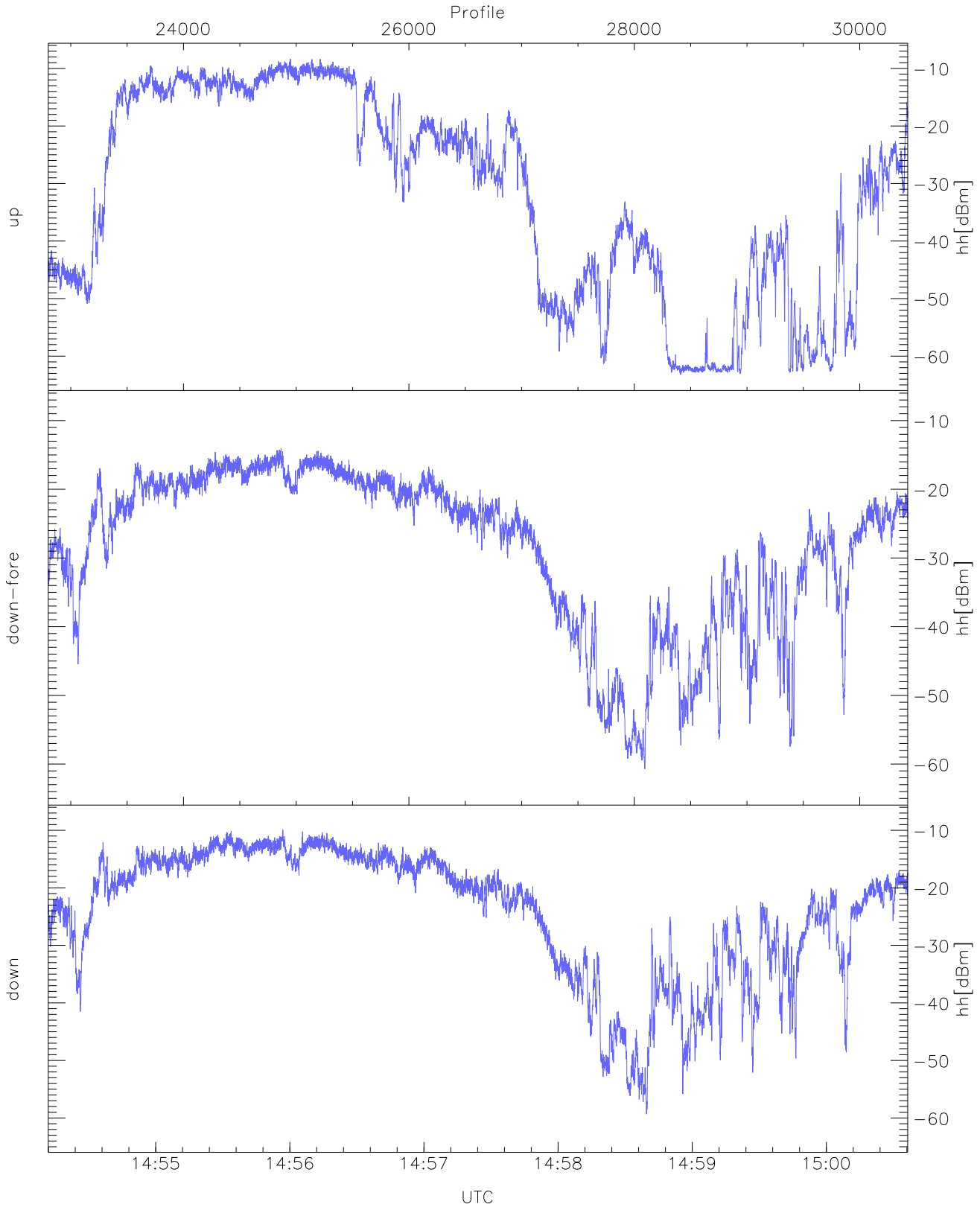
WCR2 CPP Averaged Received power for all recorded gates
blue: 145412-145724, 3814 profiles averaged
red: 145724-150036, 3814 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145412-145724, 3814 profiles averaged
red: 145724-150036, 3814 profiles averaged

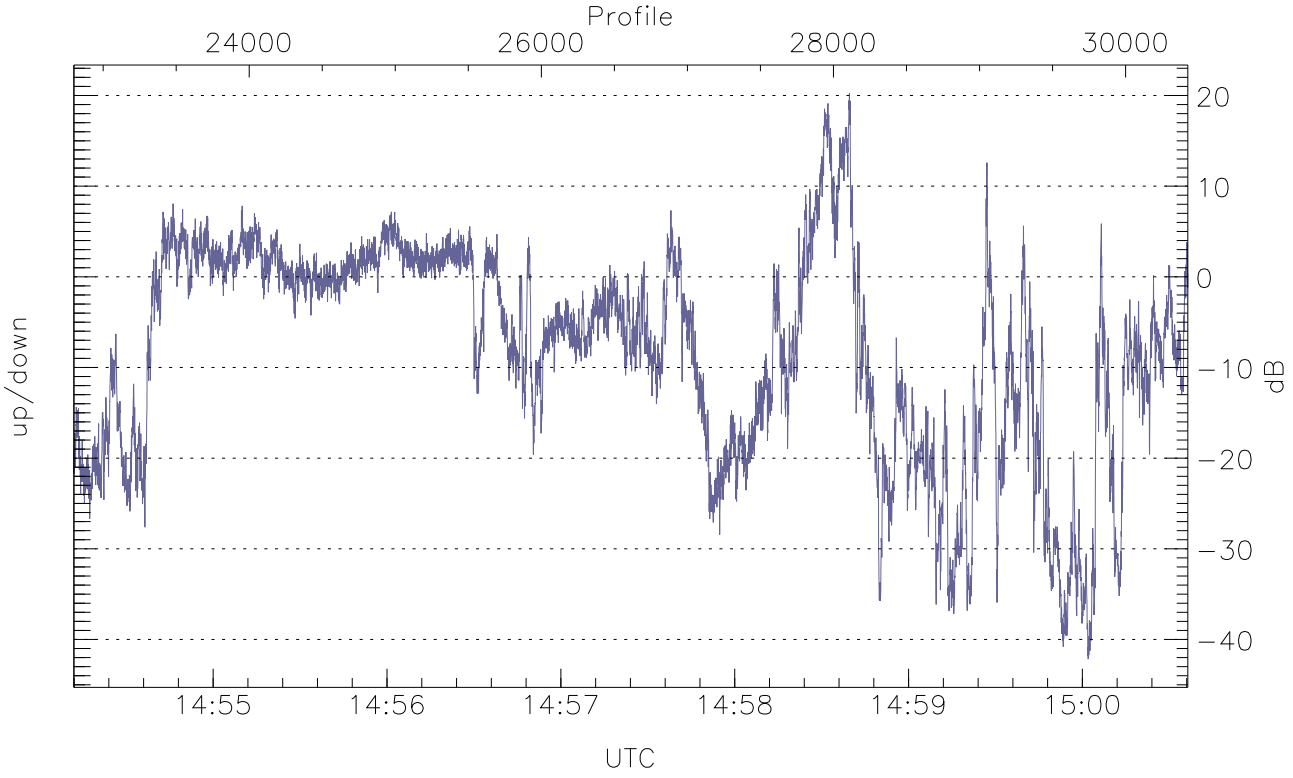


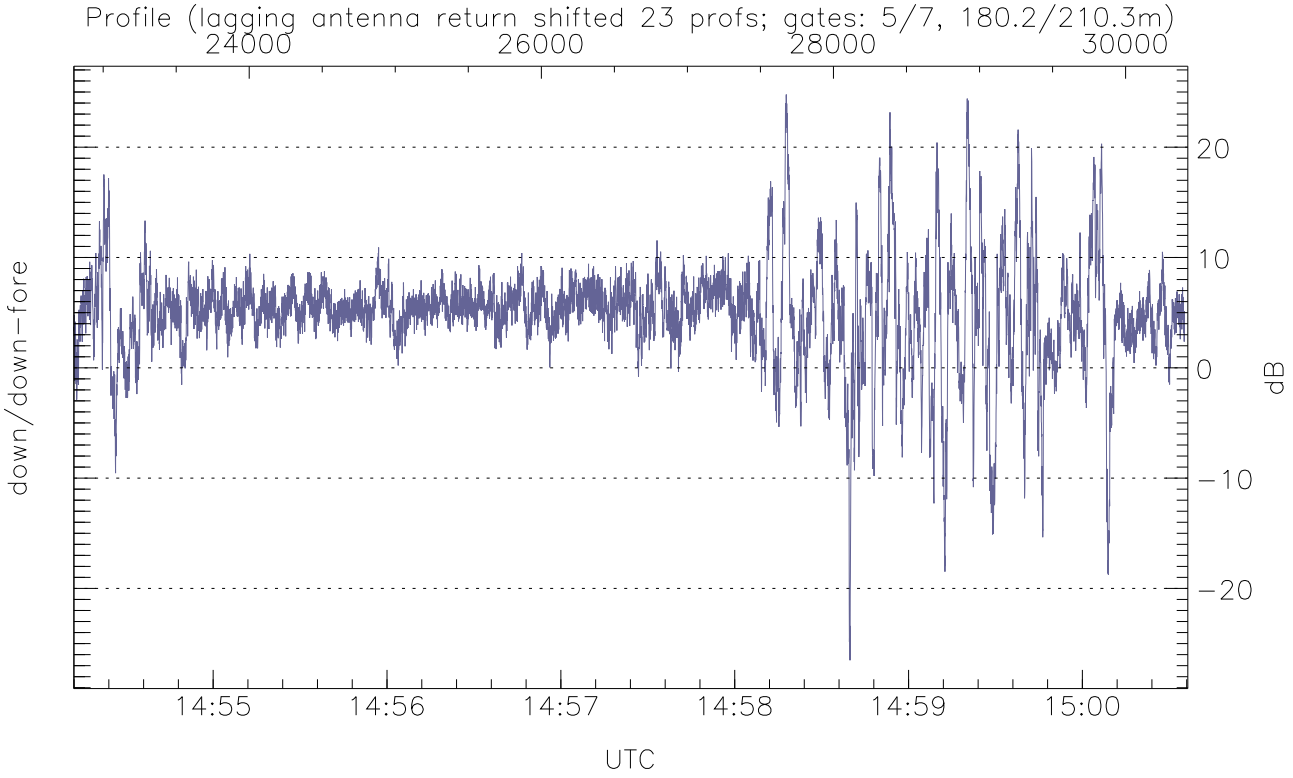
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

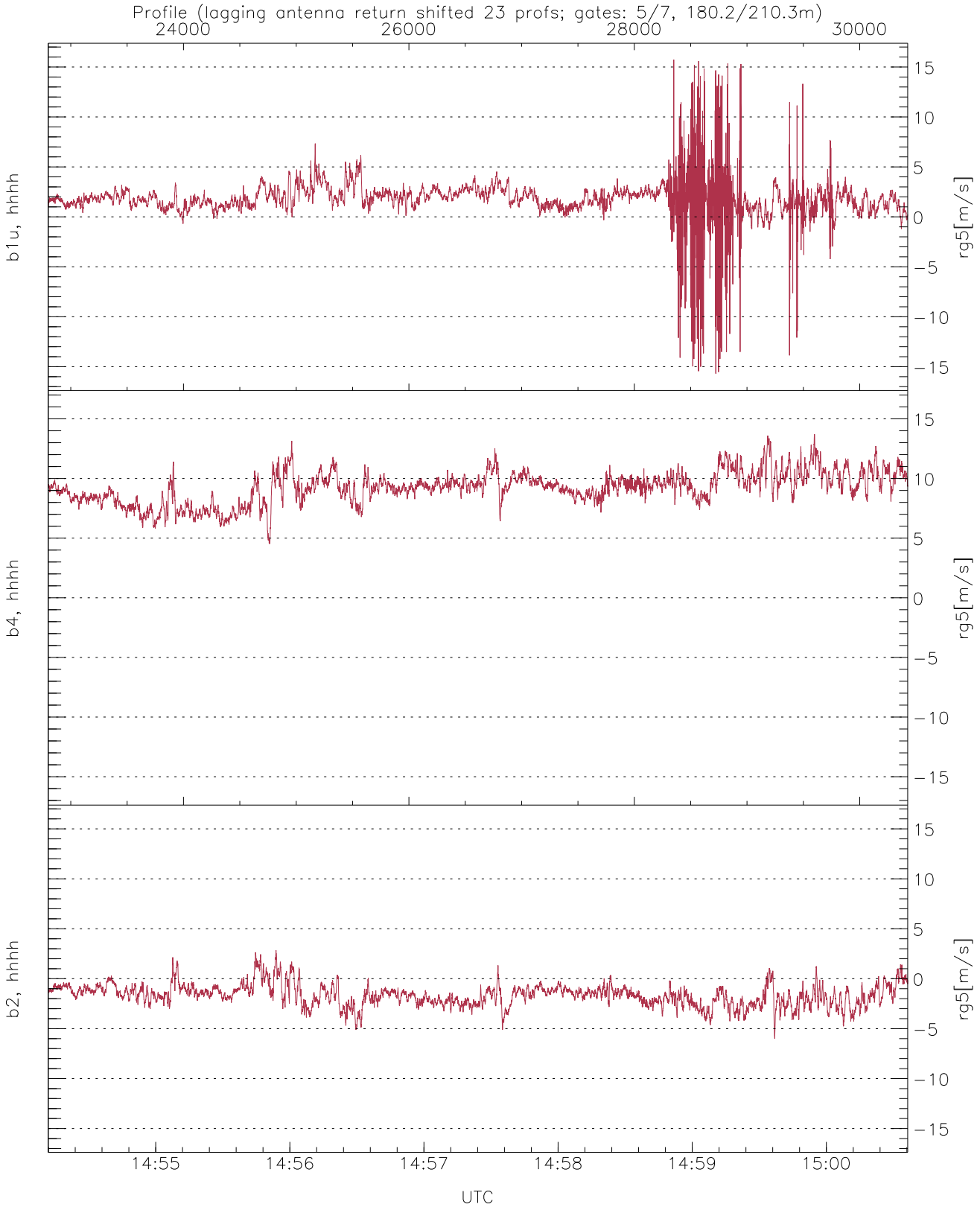
	Min	Max	Mean
up(hh[dBm])	-63.23	-8.36	-16.89
down-fore(hh[dBm])	-60.71	-14.05	-21.61
down(hh[dBm])	-59.33	-9.91	-17.56





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

	Min	Max	Mean
up/down(dB)	-42.16	20.24	-8.15
down/down-fore(dB)	-26.51	24.78	4.92



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.69	15.75	1.83	1.90
b4, hhhh(rg5[m/s])	4.52	13.70	9.24	1.33
b2, hhhh(rg5[m/s])	-6.00	2.86	-1.66	1.09