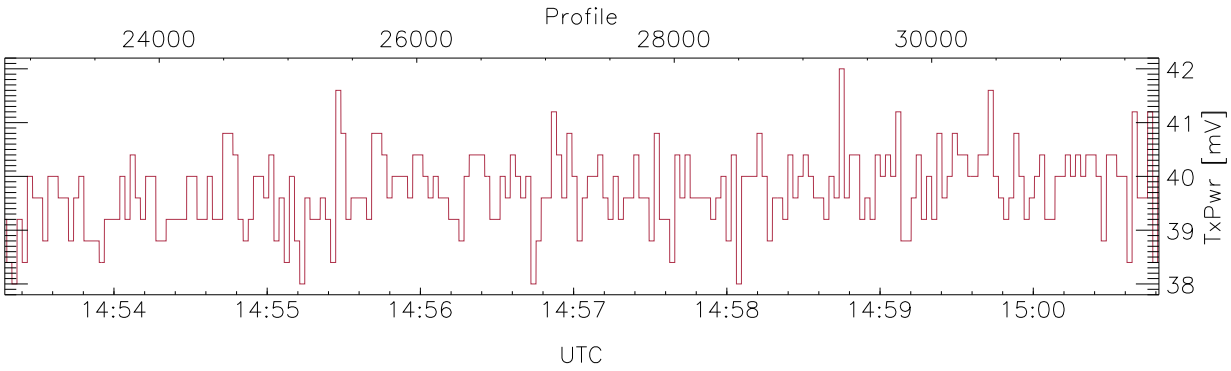
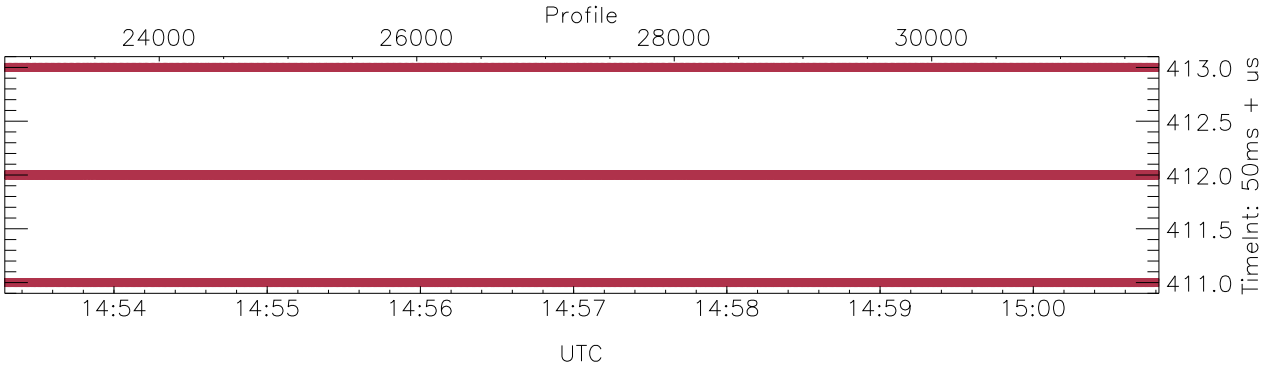
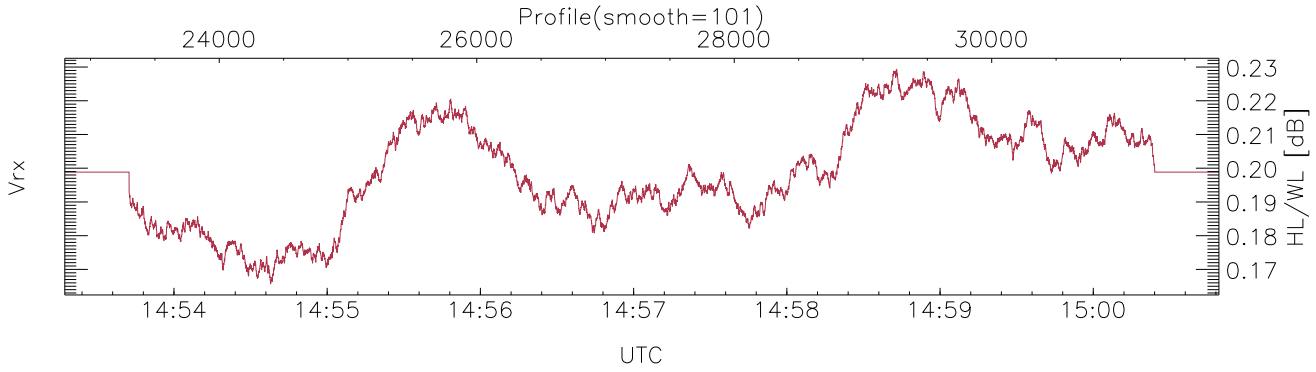
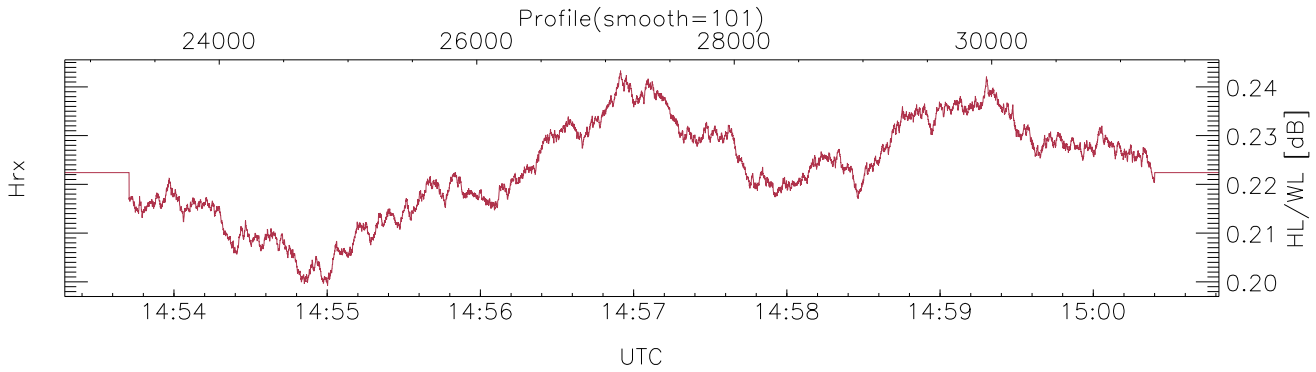


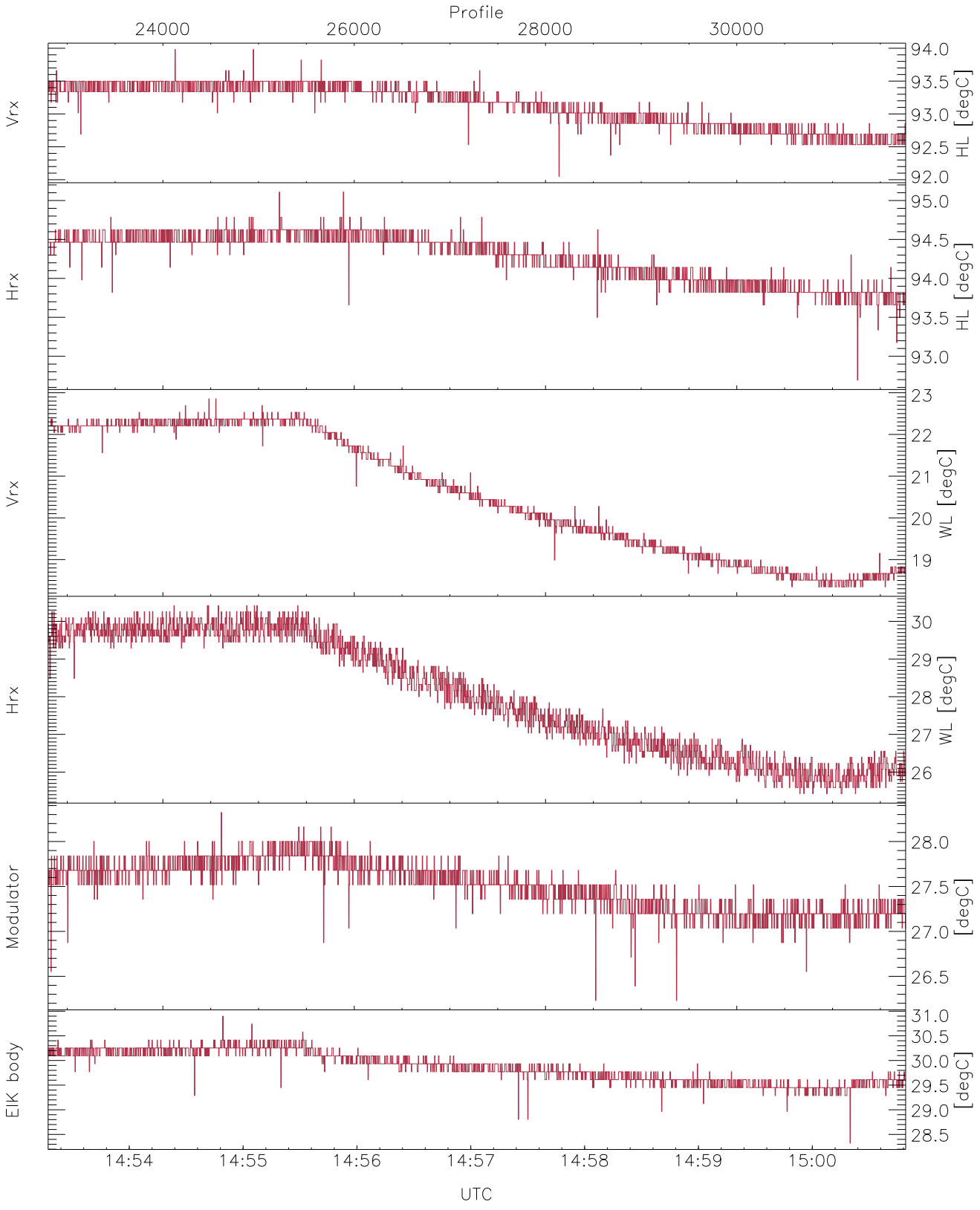






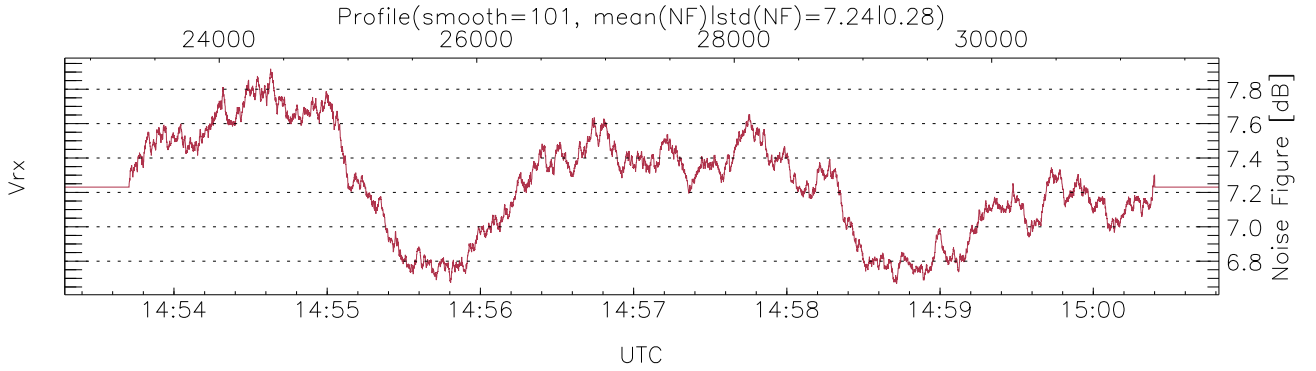
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

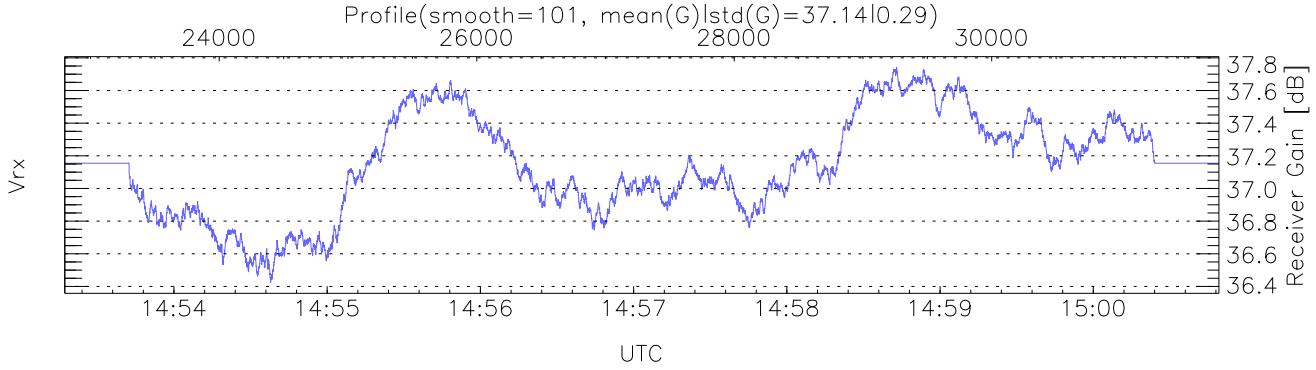
UTC: 14:34:08-15:00:49, Dur: 1601.36s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 8966/31766, 22800-31765/14:53:17-15:00:49
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

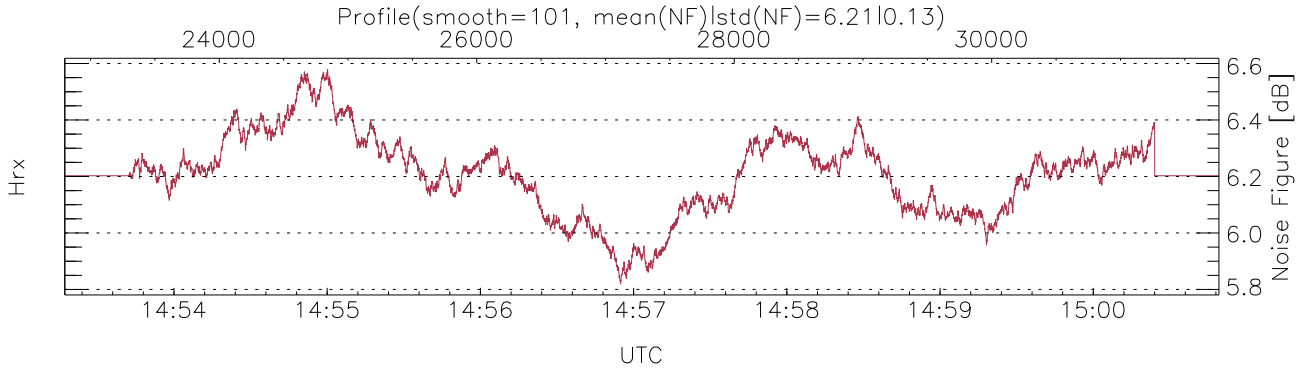


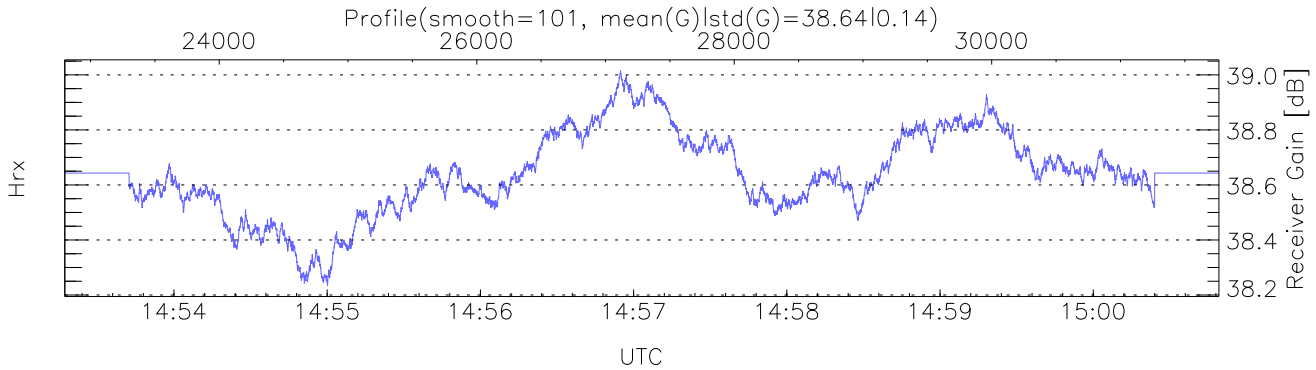
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,18,25,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,28,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,15)



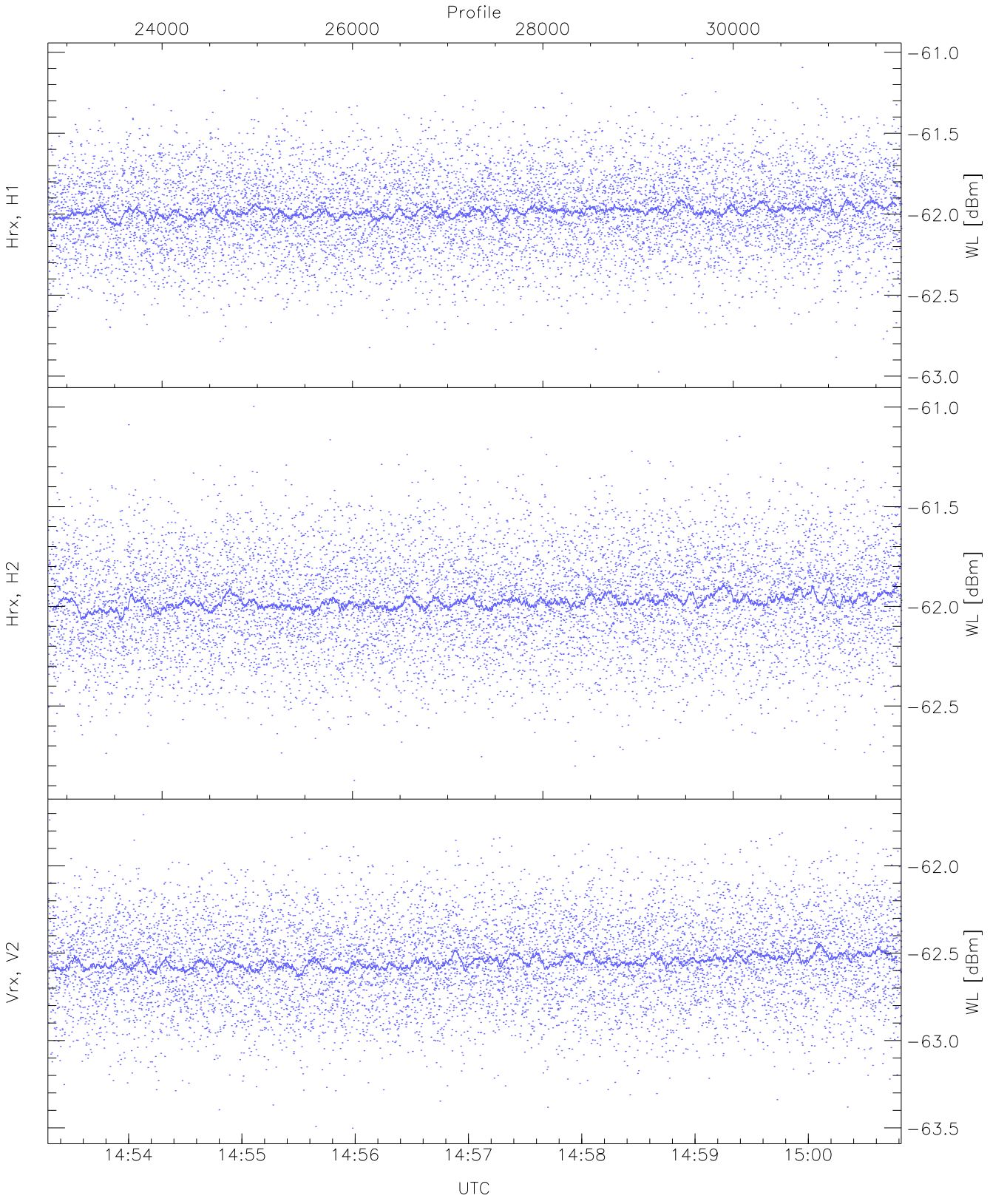






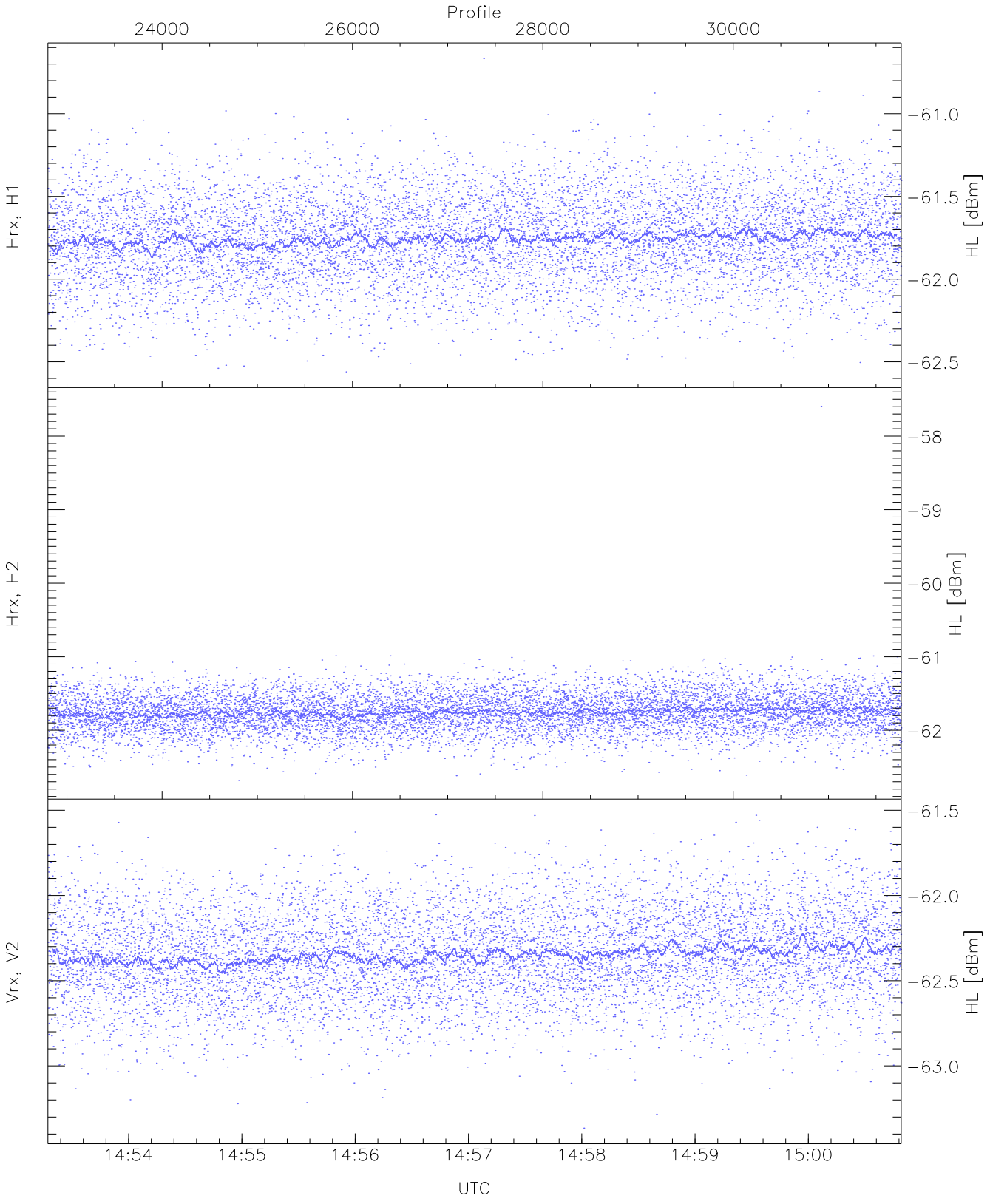
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3587 pixs, 30 gates, 3523 profs, 2 prods



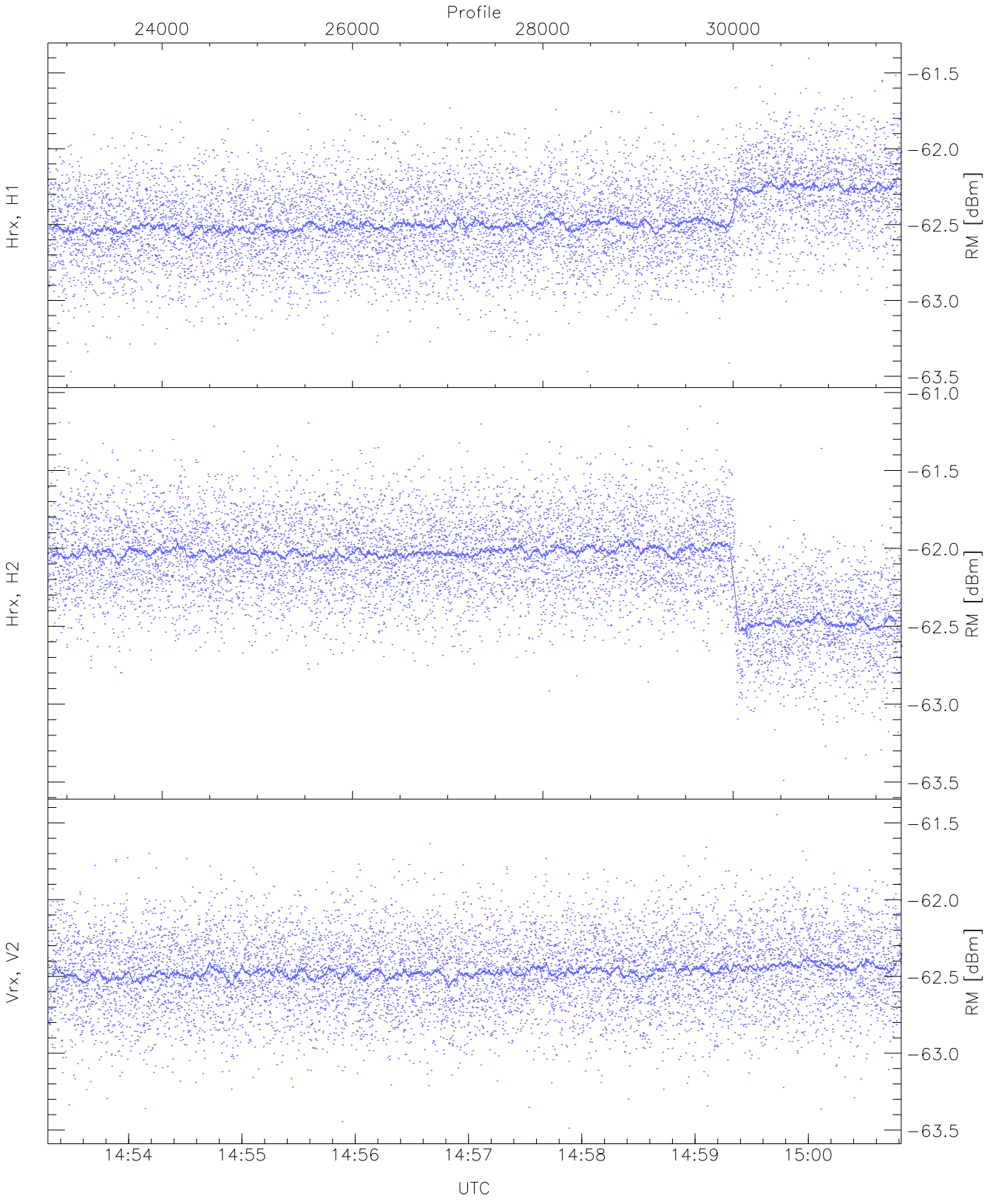
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.97	-61.04	-61.98	-61.98	-74.56
Hrx, H2(WL [dBm])	-62.87	-61.00	-61.97	-61.98	-74.54
Vrx, V2(WL [dBm])	-63.50	-61.71	-62.54	-62.55	-75.09



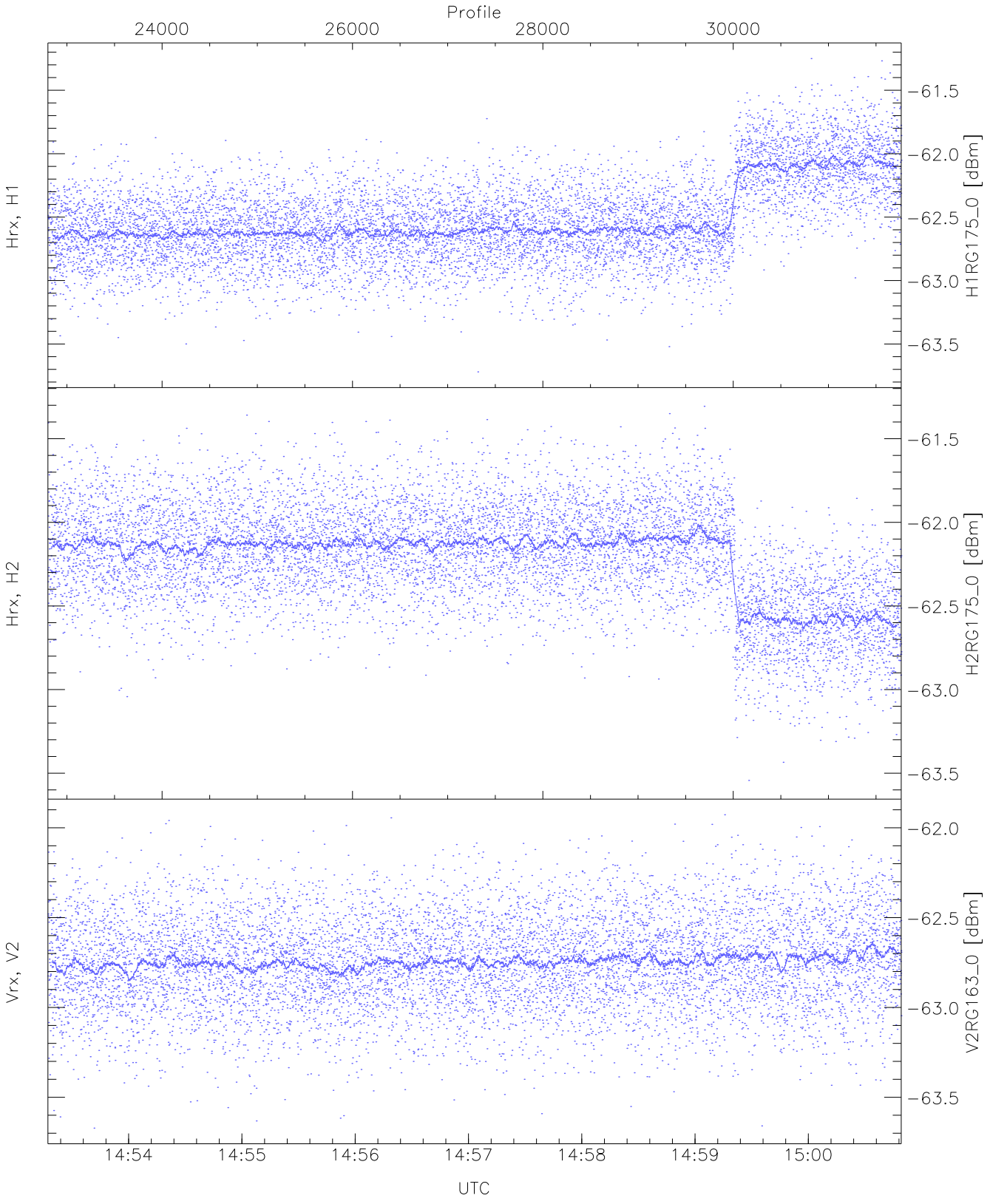
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.56	-60.67	-61.75	-61.76	-74.30
Hrx, H2(HL [dBm])	-62.68	-57.59	-61.75	-61.76	-74.13
Vrx, V2(HL [dBm])	-63.36	-61.53	-62.35	-62.35	-74.86



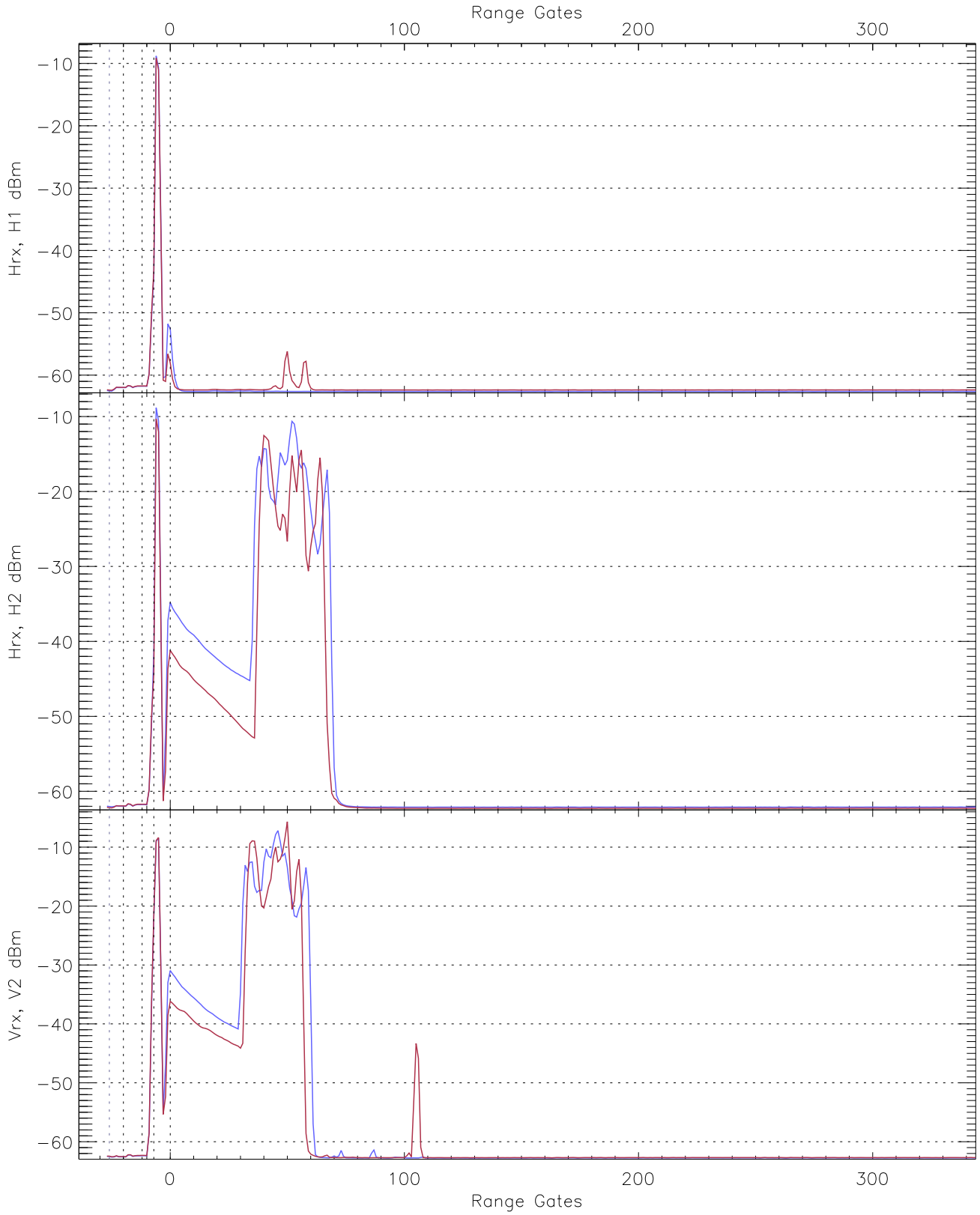
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.47	-61.41	-62.45	-62.46	-74.64
Hrx, H2(RM [dBm])	-63.49	-61.09	-62.10	-62.09	-73.72
Vrx, V2(RM [dBm])	-63.49	-61.45	-62.46	-62.47	-74.99

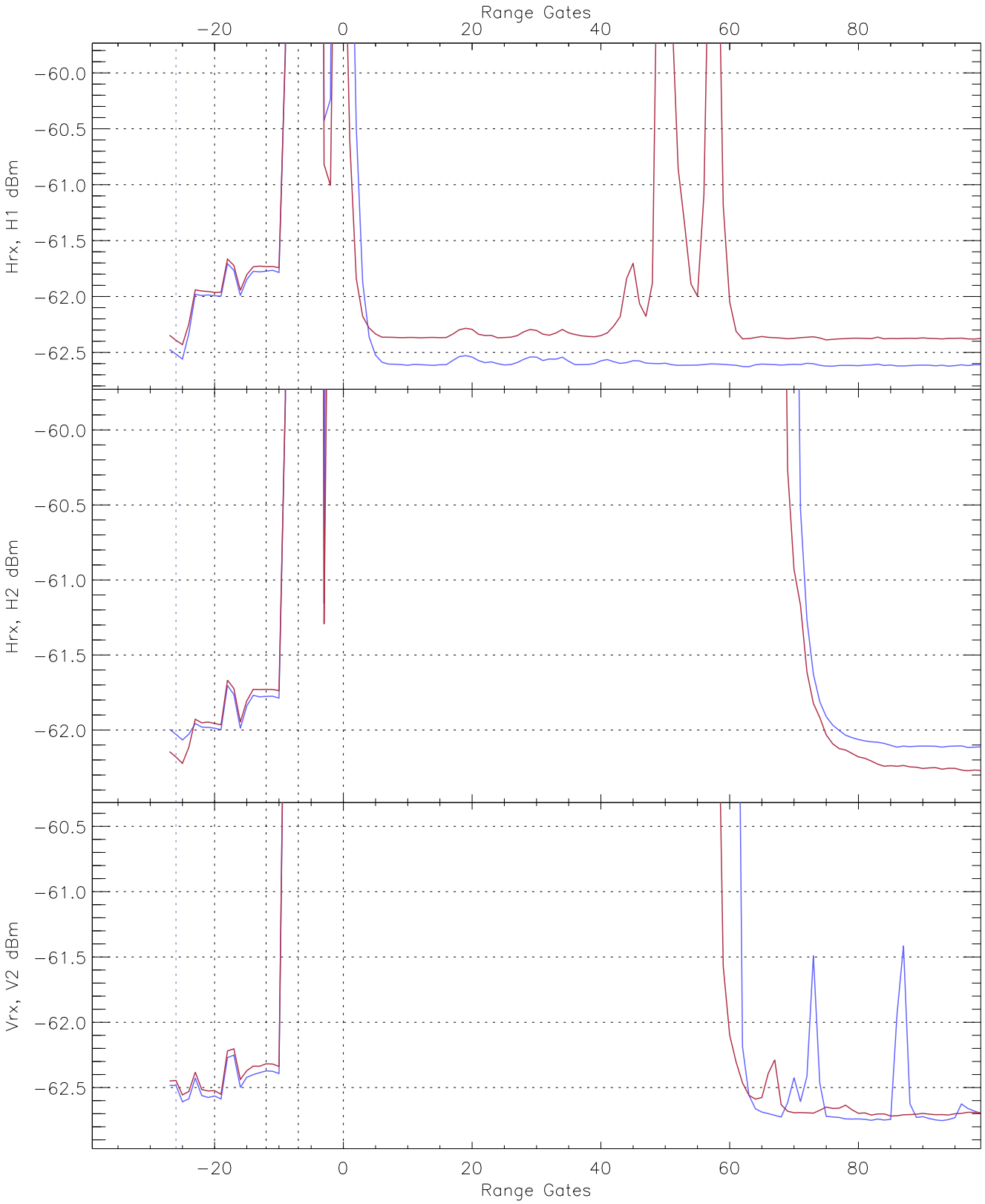


WCR2 CPP "Best" estimate Receivers Noise Power

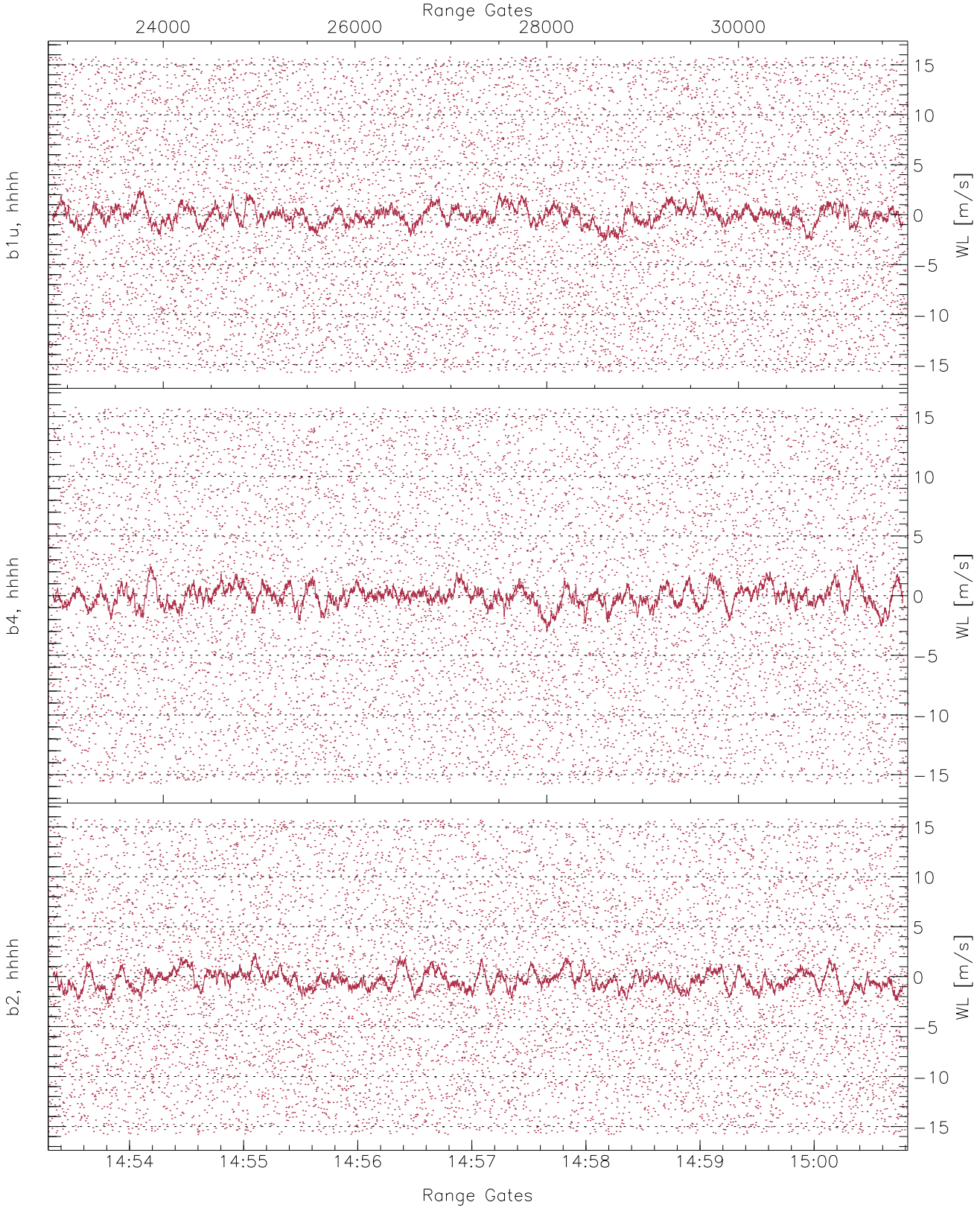
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.72	-61.25	-62.50	-62.55	-73.72
H2RG175_0 [dBm]	-63.54	-61.31	-62.21	-62.19	-73.82
V2RG163_0 [dBm]	-63.67	-61.93	-62.74	-62.75	-75.26



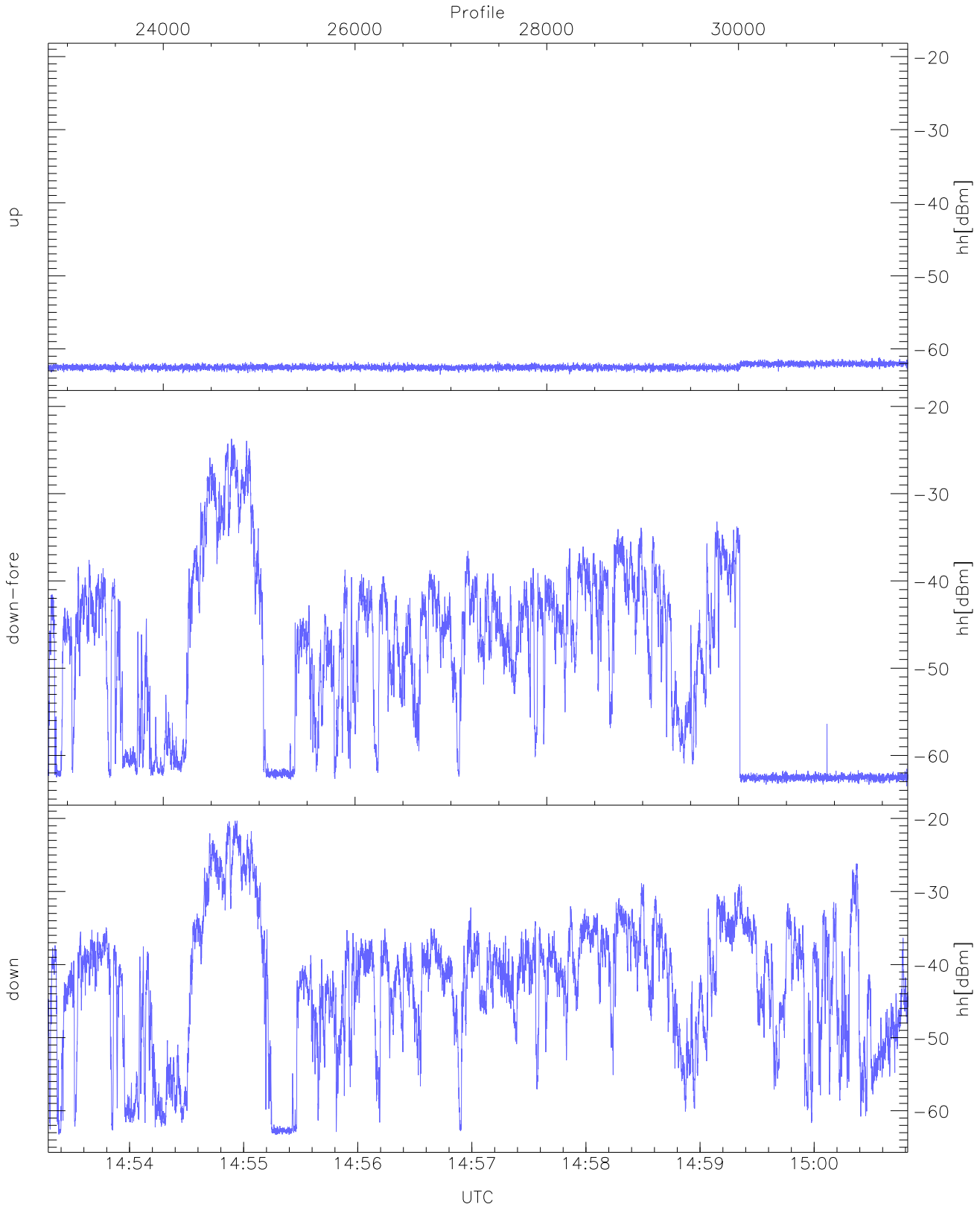
WCR2 CPP Averaged Received power for all recorded gates
blue: 145317-145703, 4484 profiles averaged
red: 145703-150049, 4483 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 145317-145703, 4484 profiles averaged
red: 145703-150049, 4483 profiles averaged

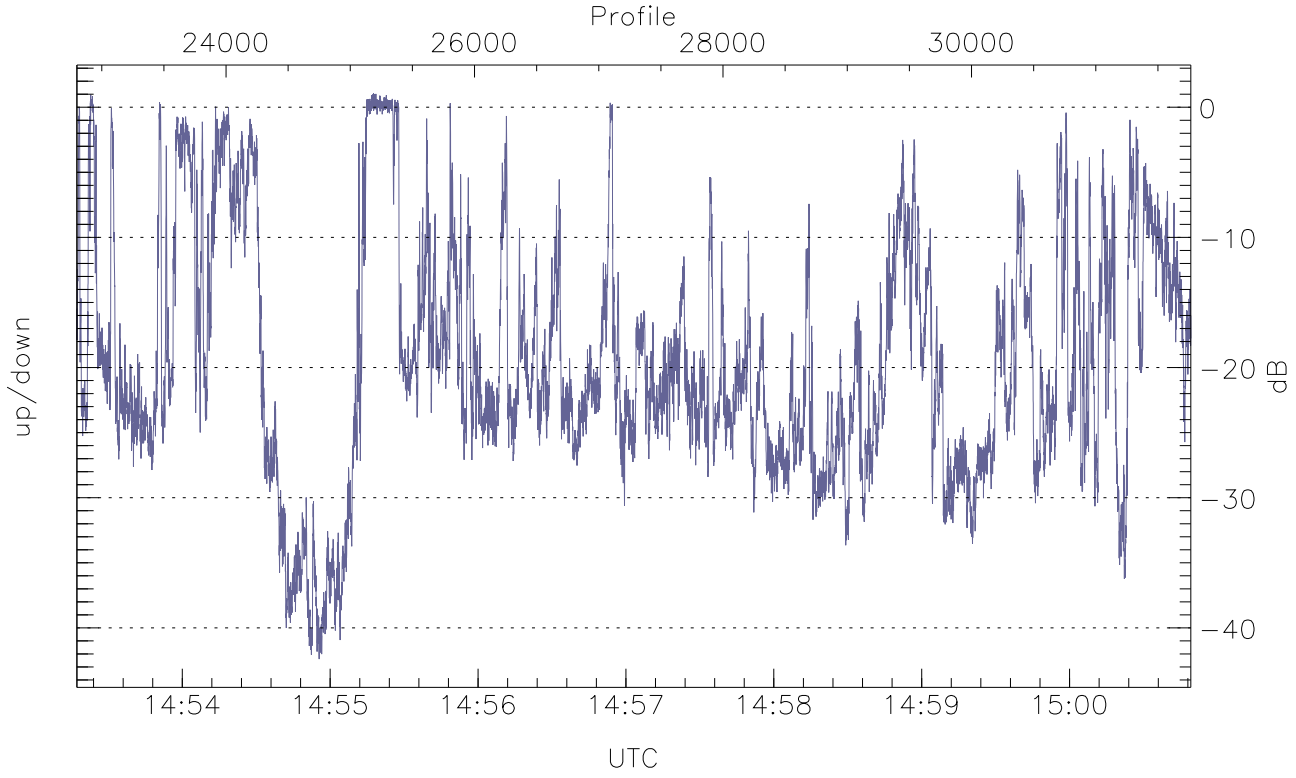


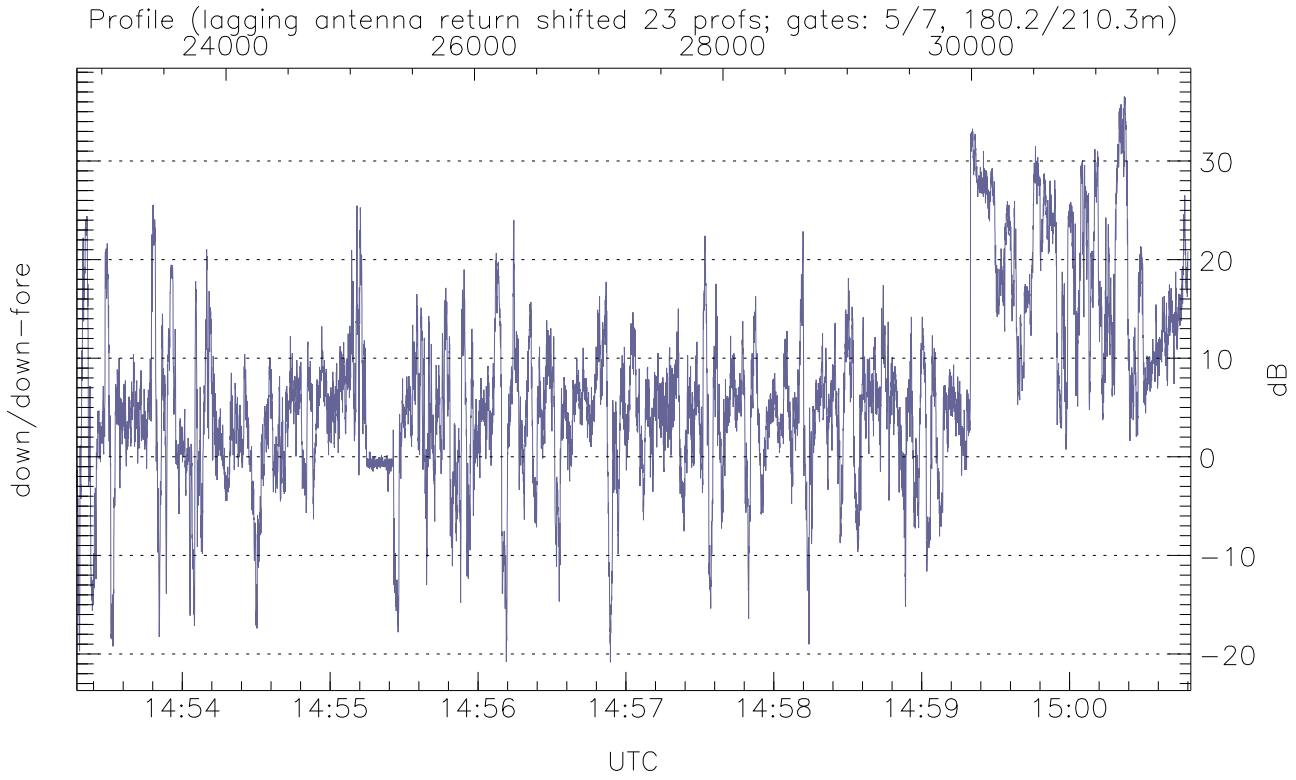
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

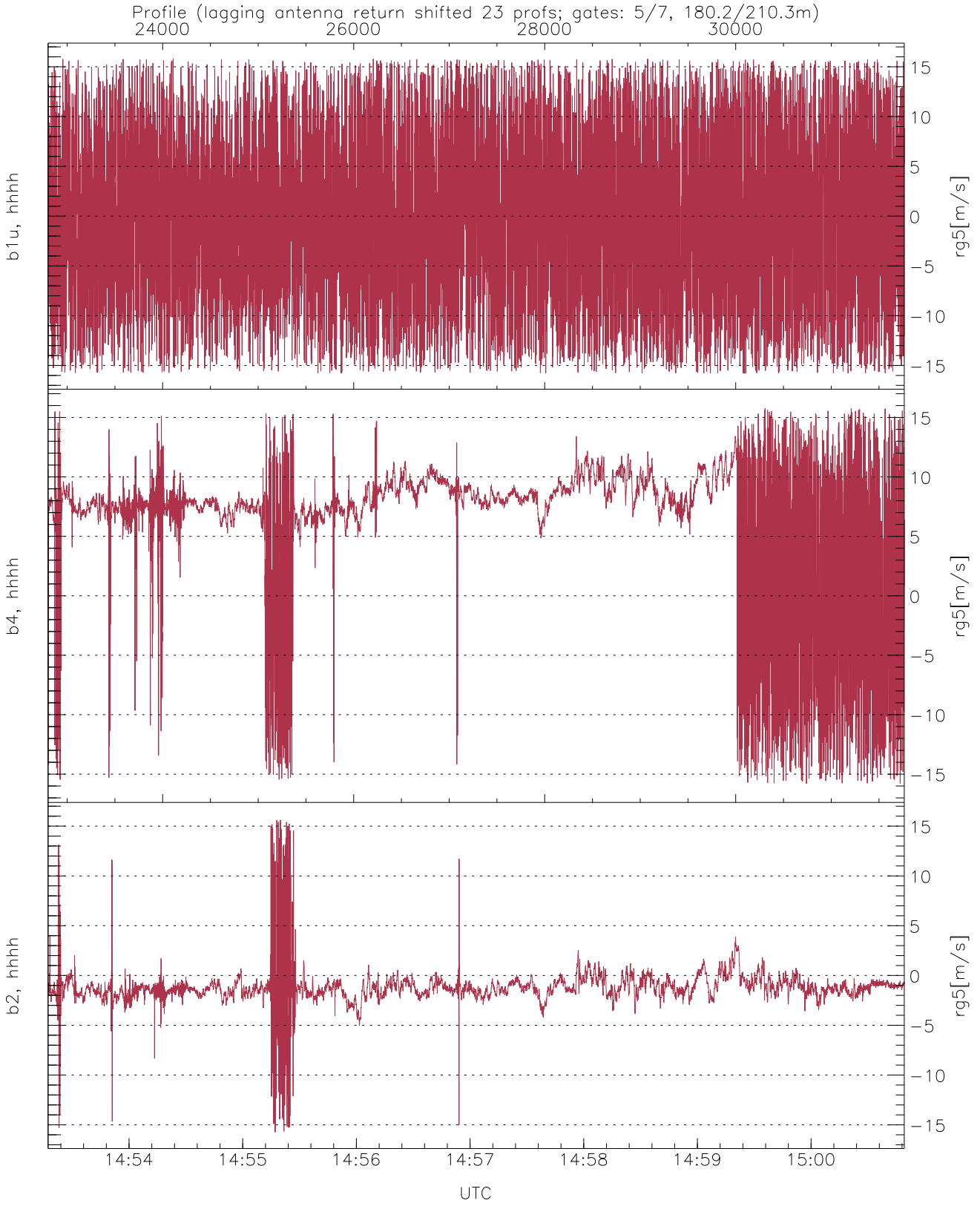
	Min	Max	Mean
up(hh[dBm])	-63.53	-61.18	-62.43
down-fore(hh[dBm])	-63.50	-23.72	-39.54
down(hh[dBm])	-63.27	-20.33	-35.26





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

	Min	Max	Mean
up/down(dB)	-42.40	1.07	-19.34
down/down-fore(dB)	-20.84	36.54	6.53



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.11	8.48
b4, hhhh(rg5[m/s])	-15.80	15.78	6.28	5.77
b2, hhhh(rg5[m/s])	-15.74	15.62	-1.16	1.80