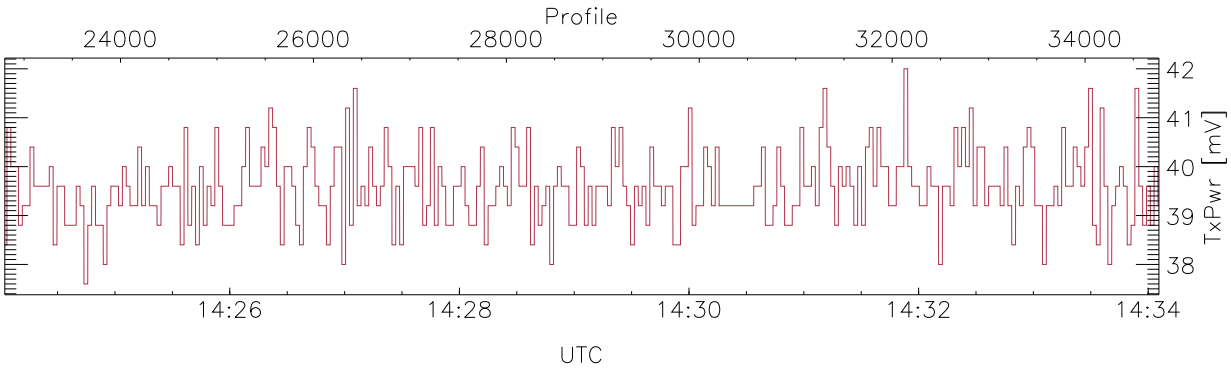
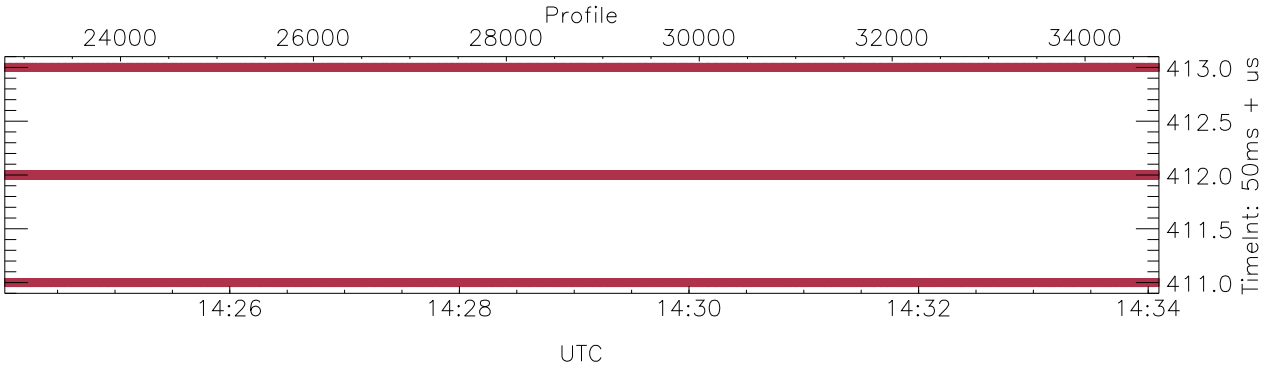
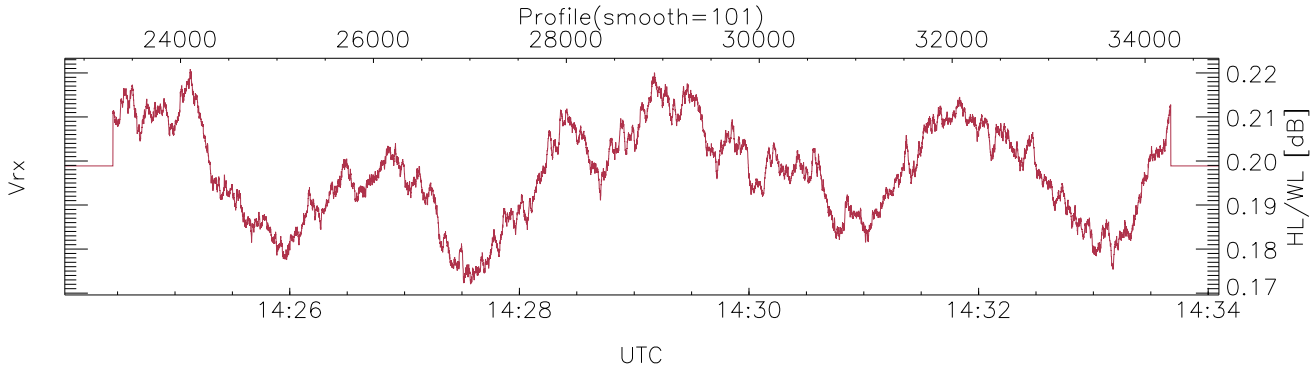
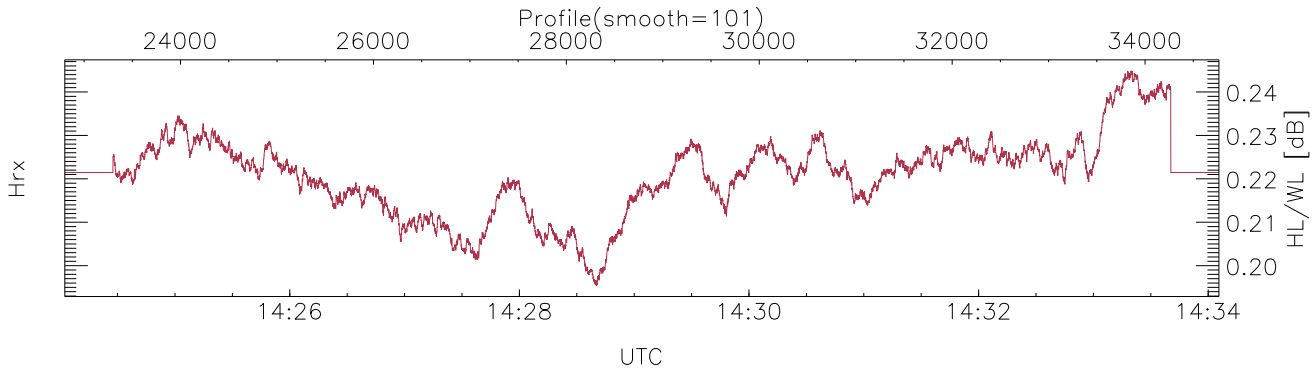


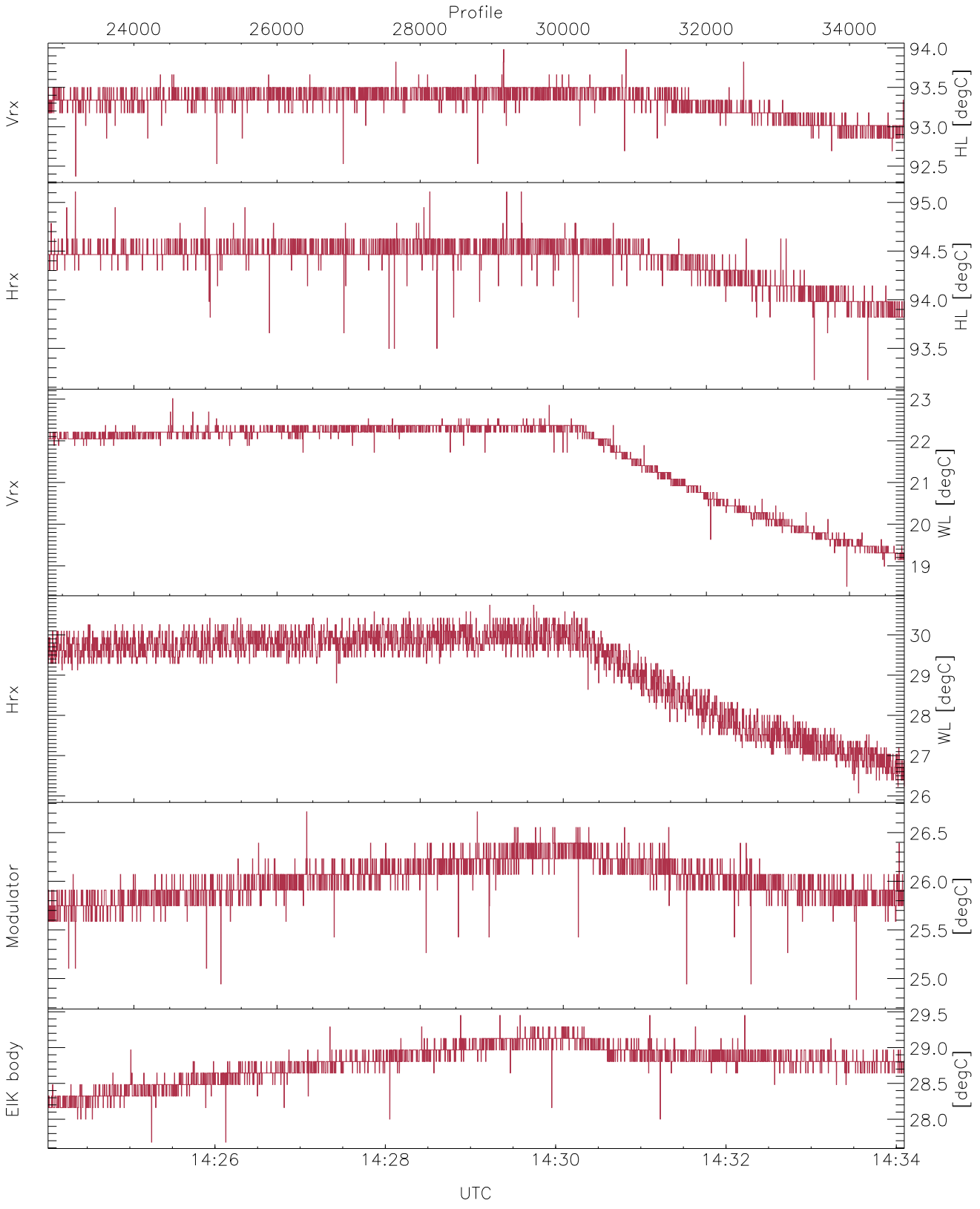






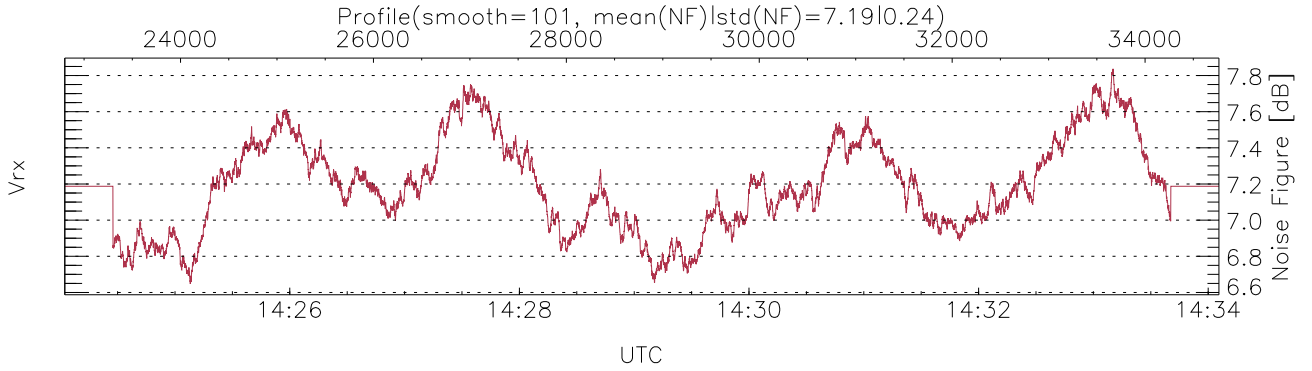
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

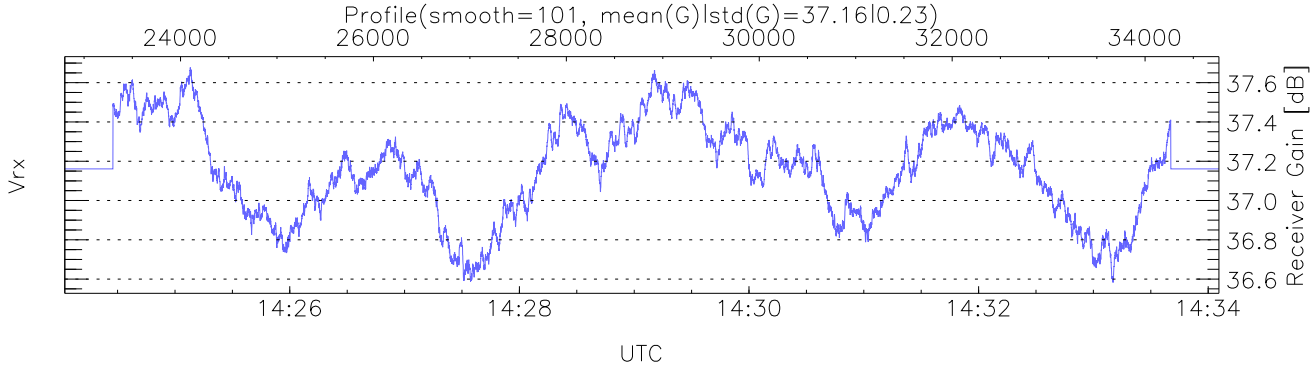
UTC: 14:04:53-14:34:06, Dur: 1752.64s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 11967/34767, 22800-34766/14:24:02-14:34:06
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

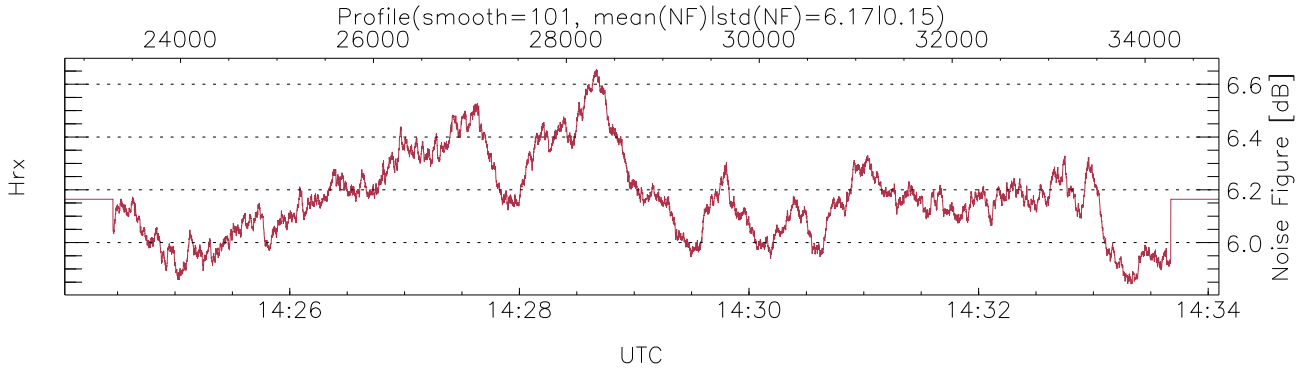


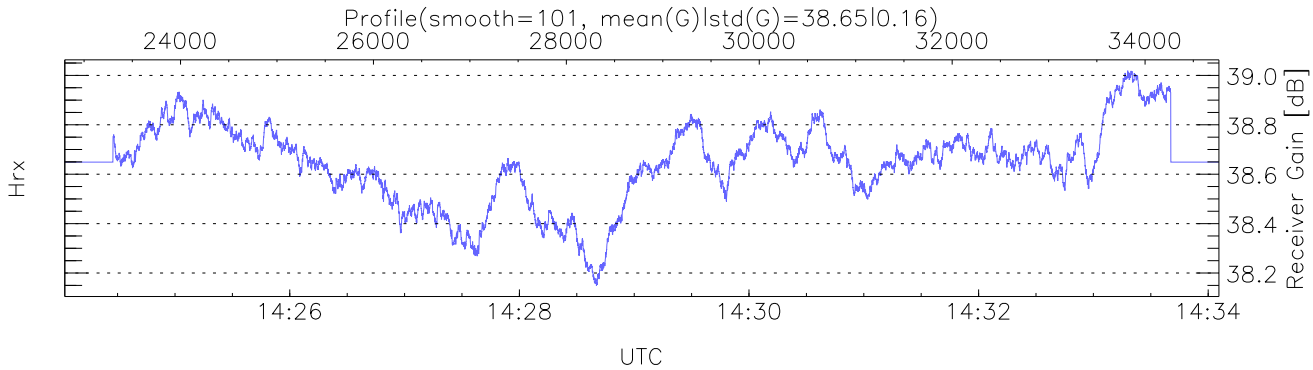
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,26,24,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,30,26,29
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (15,15,15,15,20)



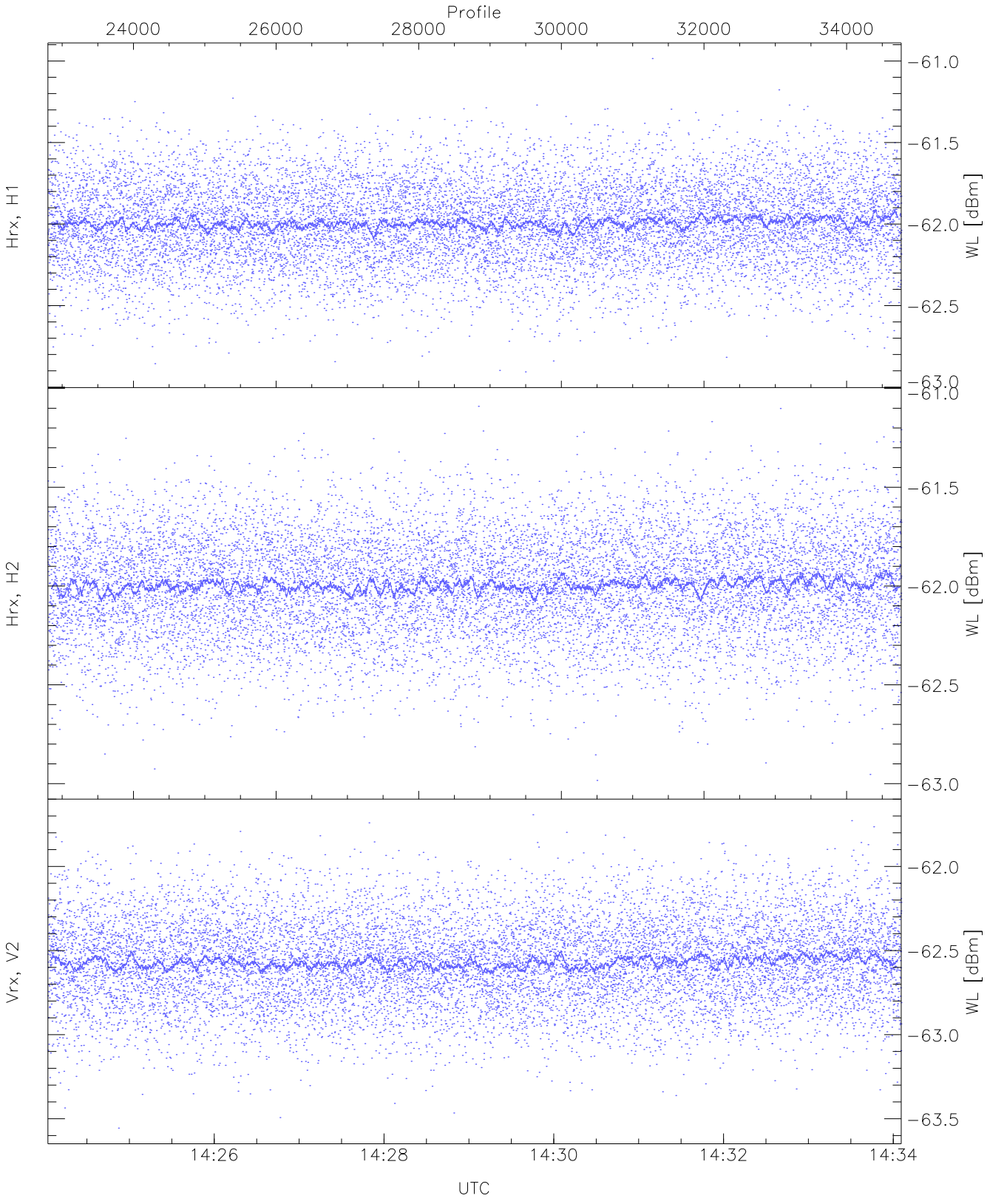






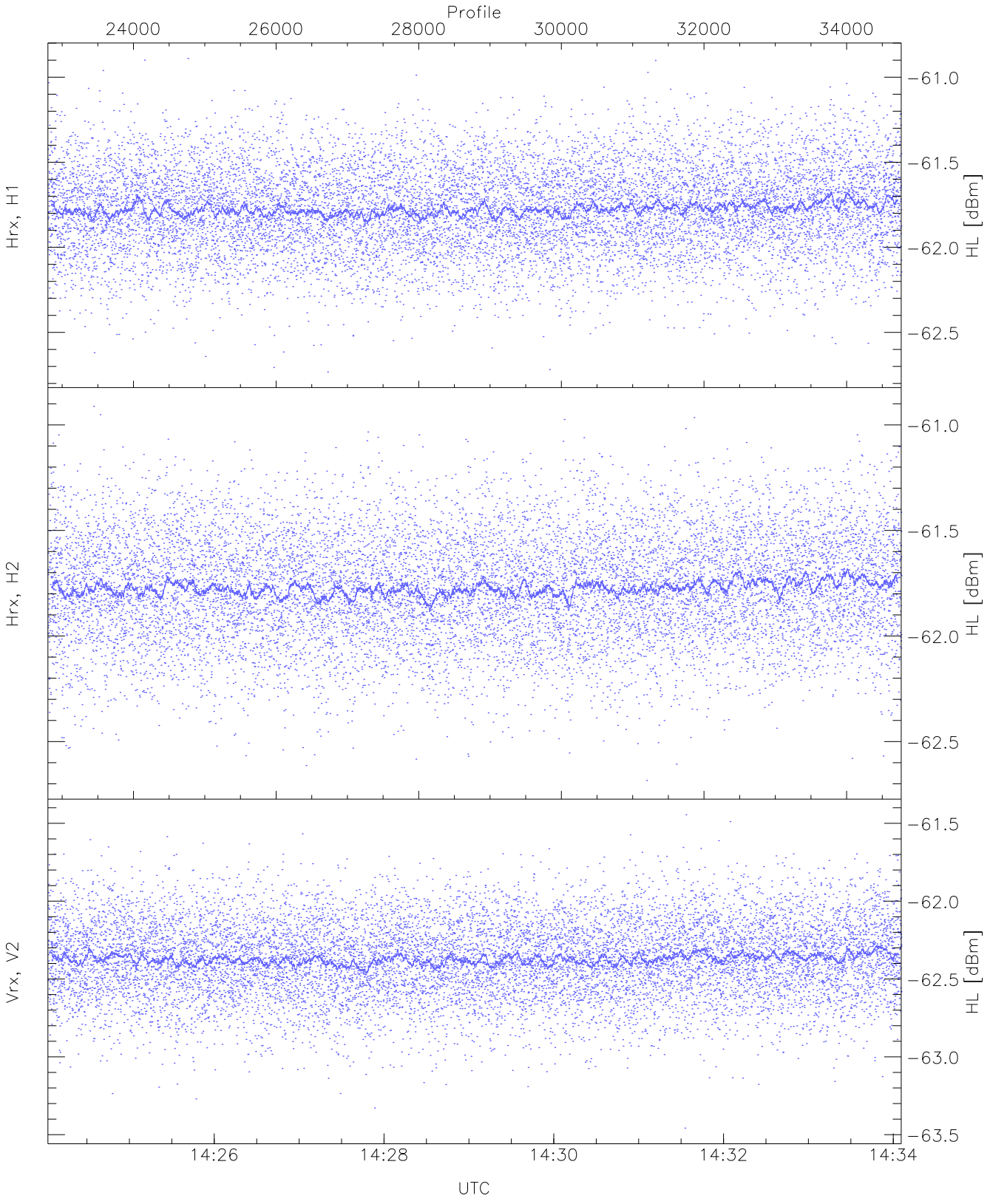
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10290 pixs, 27 gates, 9337 profs, 2 prods



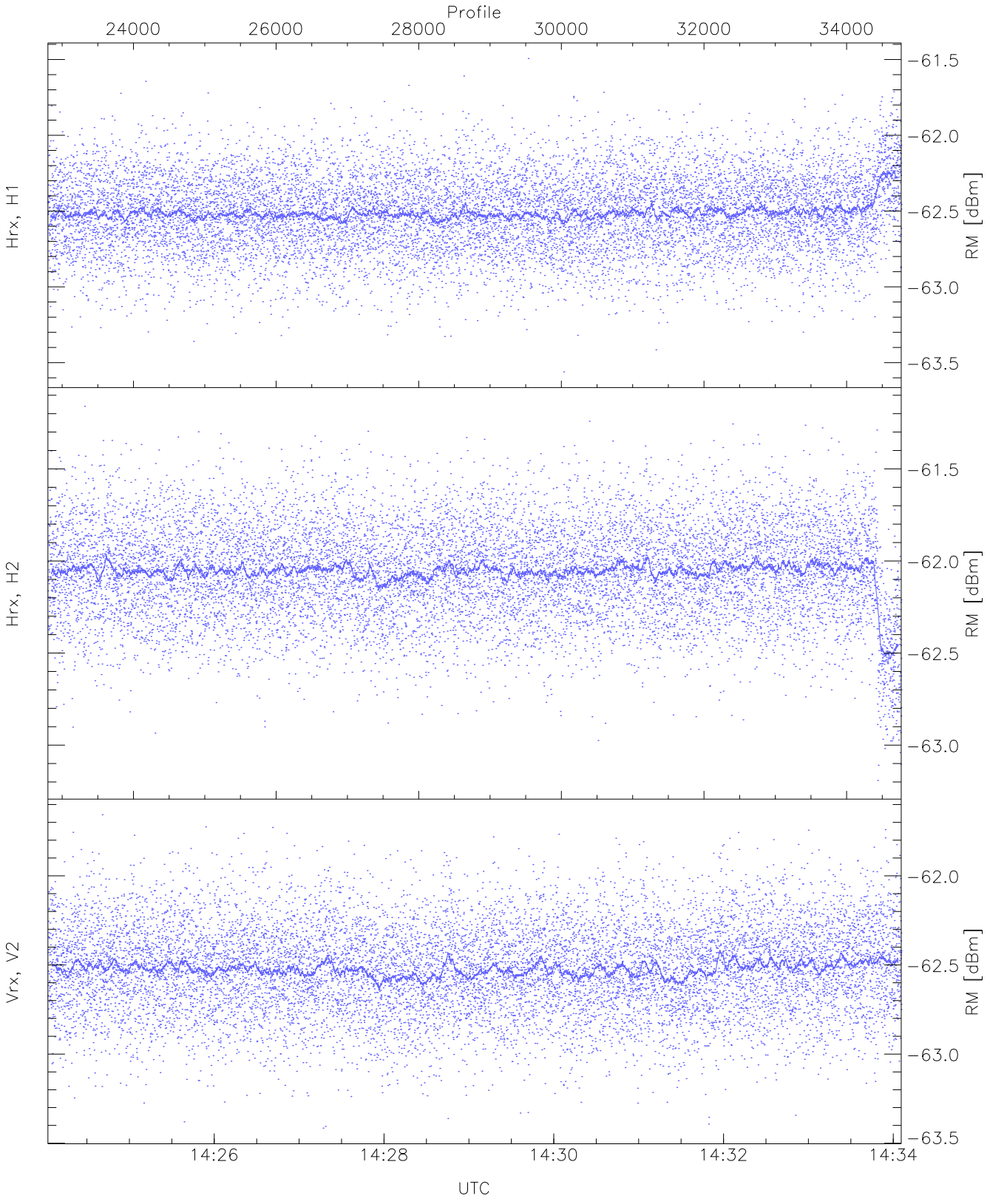
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.91	-60.99	-61.99	-61.99	-74.58
Hrx, H2(WL [dBm])	-62.98	-61.09	-61.99	-61.99	-74.57
Vrx, V2(WL [dBm])	-63.56	-61.69	-62.57	-62.57	-75.11



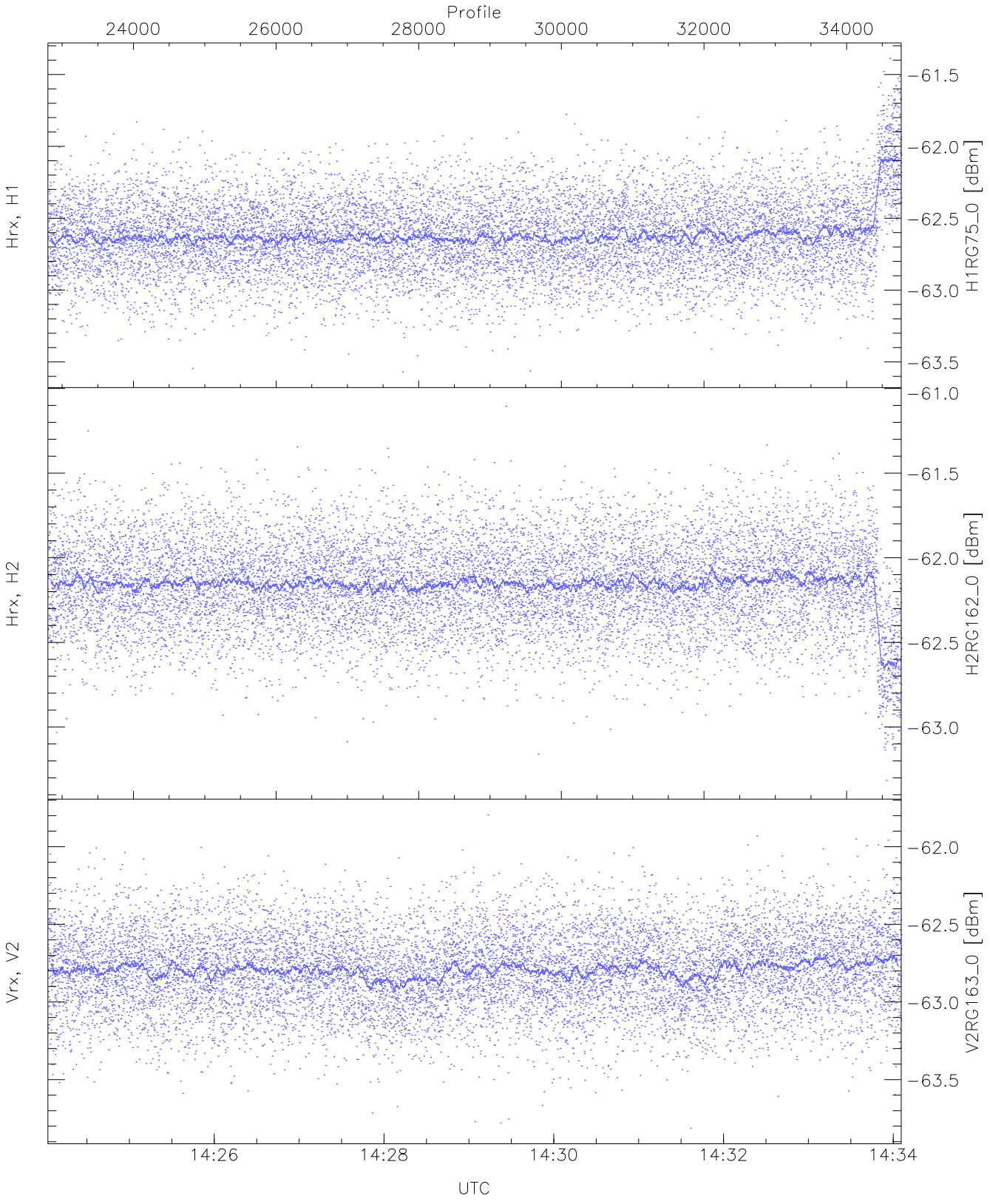
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.73	-60.89	-61.77	-61.78	-74.31
Hrx, H2(HL [dBm])	-62.68	-60.91	-61.77	-61.78	-74.33
Vrx, V2(HL [dBm])	-63.46	-61.45	-62.37	-62.37	-74.97



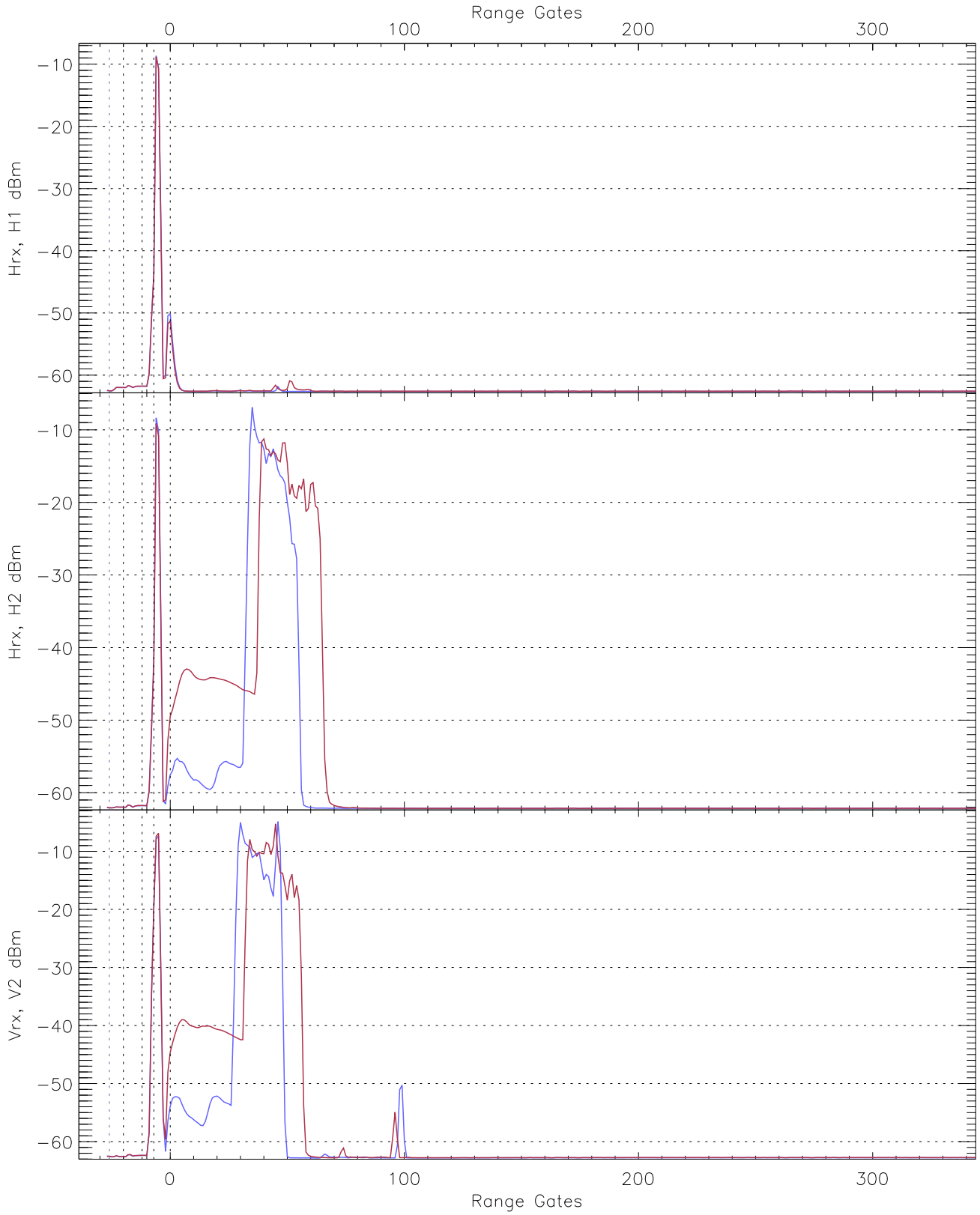
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.56	-61.49	-62.50	-62.51	-74.99
Hrx, H2(RM [dBm])	-63.19	-61.16	-62.06	-62.06	-74.43
Vrx, V2(RM [dBm])	-63.42	-61.66	-62.52	-62.52	-75.07

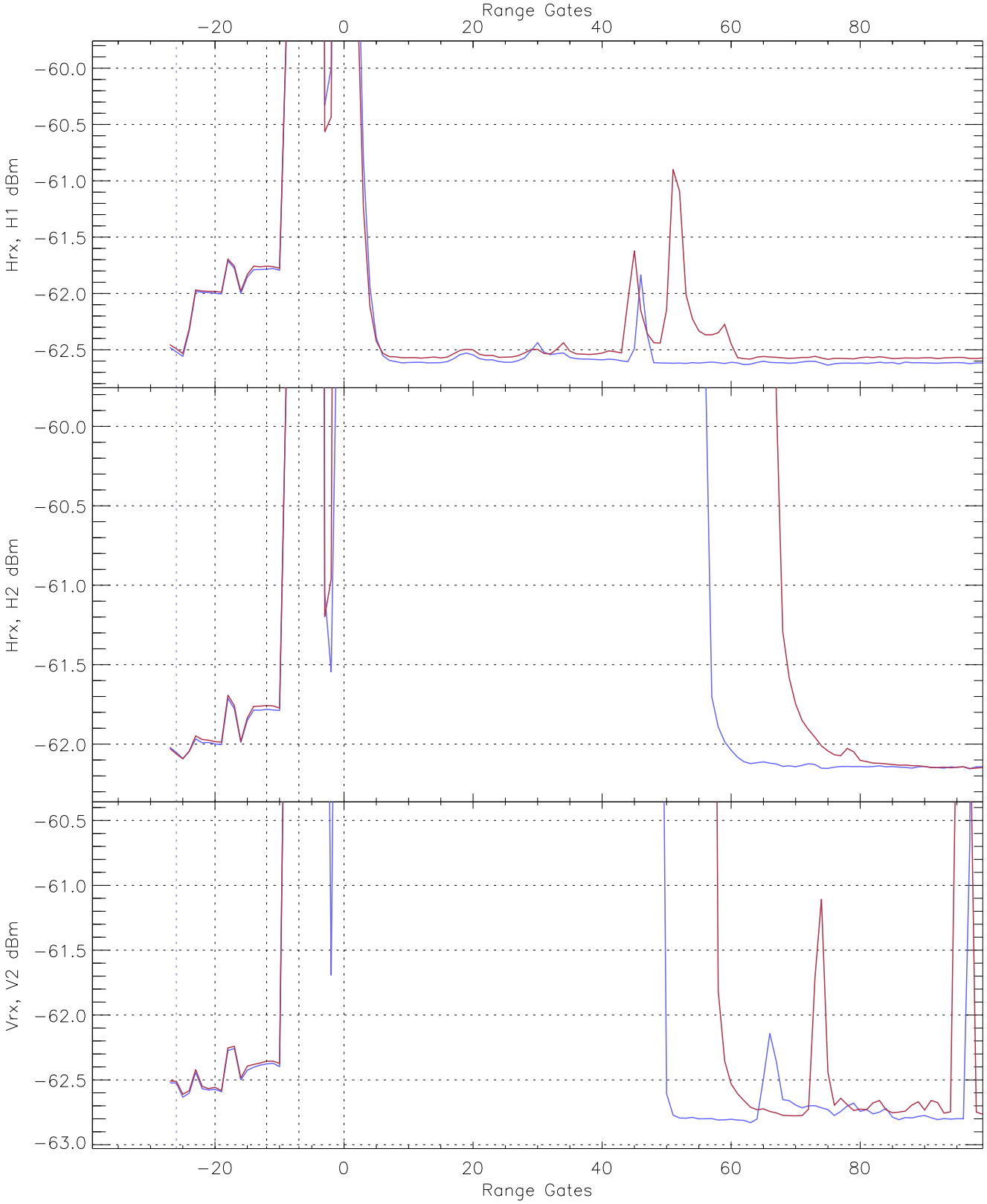


WCR2 CPP "Best" estimate Receivers Noise Power

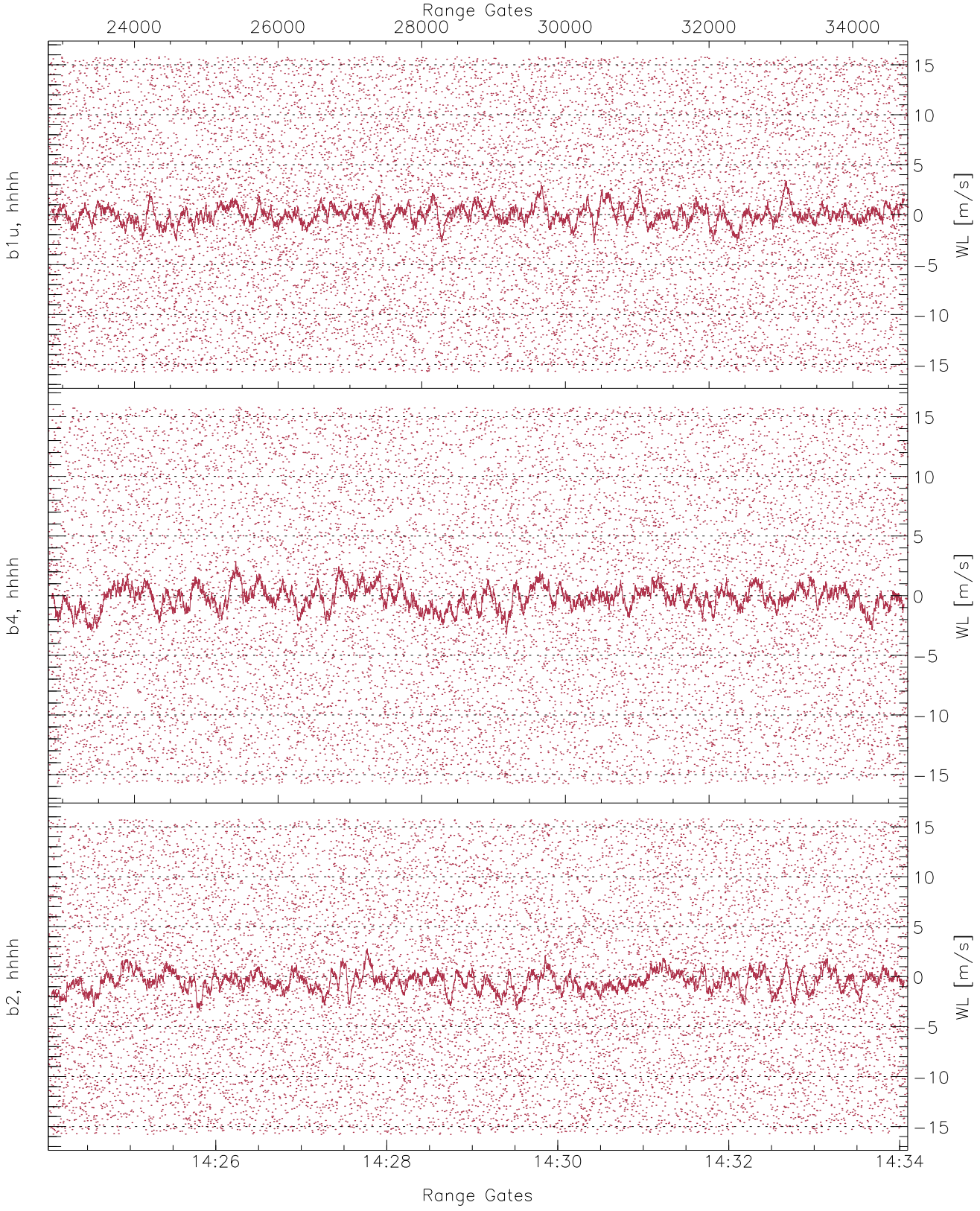
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.39	-62.61	-62.62	-74.87
H2RG162_0 [dBm]	-63.32	-61.11	-62.16	-62.16	-74.51
V2RG163_0 [dBm]	-63.81	-61.79	-62.79	-62.79	-75.31



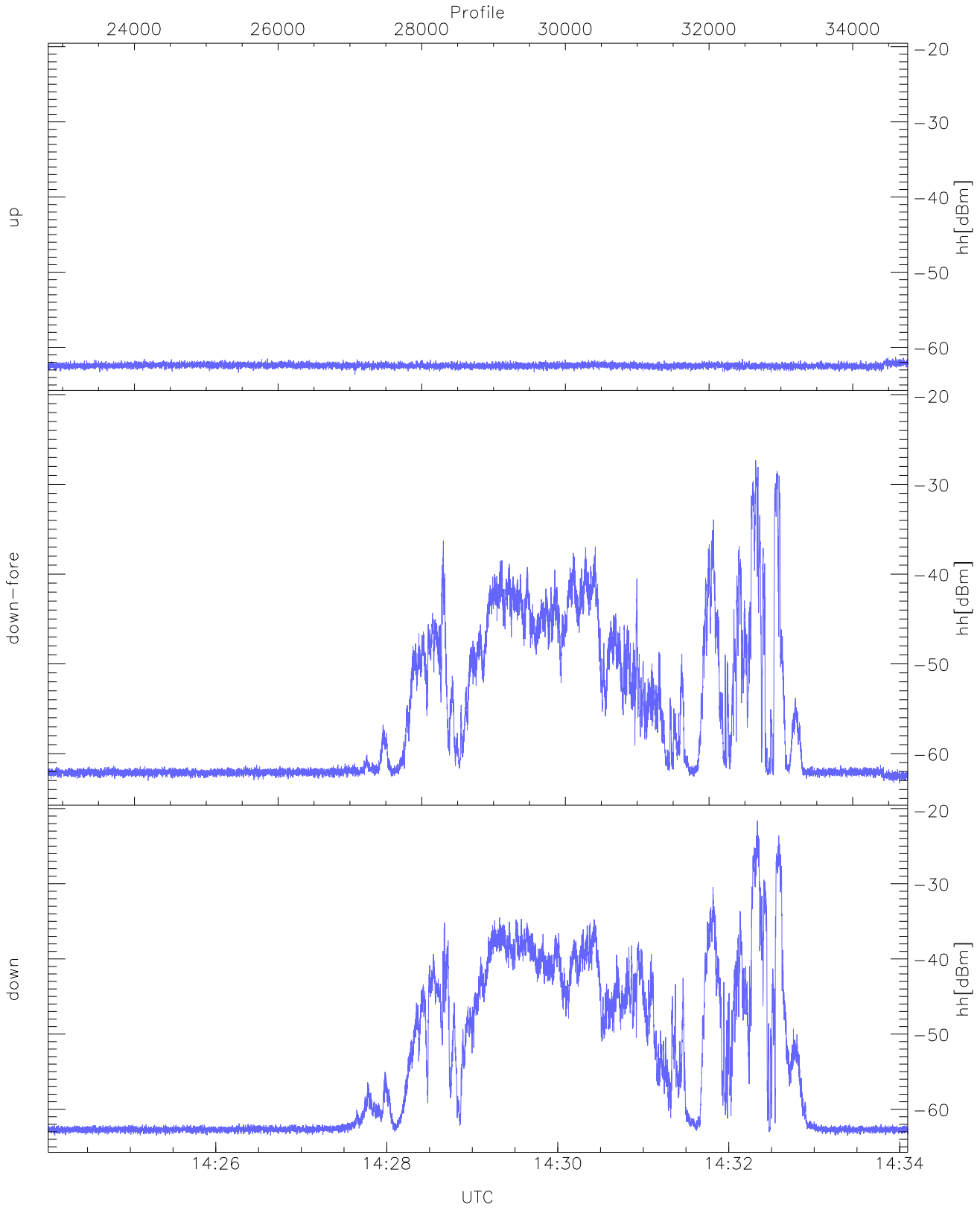
WCR2 CPP Averaged Received power for all recorded gates
blue: 142402-142904, 5984 profiles averaged
red: 142904-143406, 5984 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 142402-142904, 5984 profiles averaged
red: 142904-143406, 5984 profiles averaged

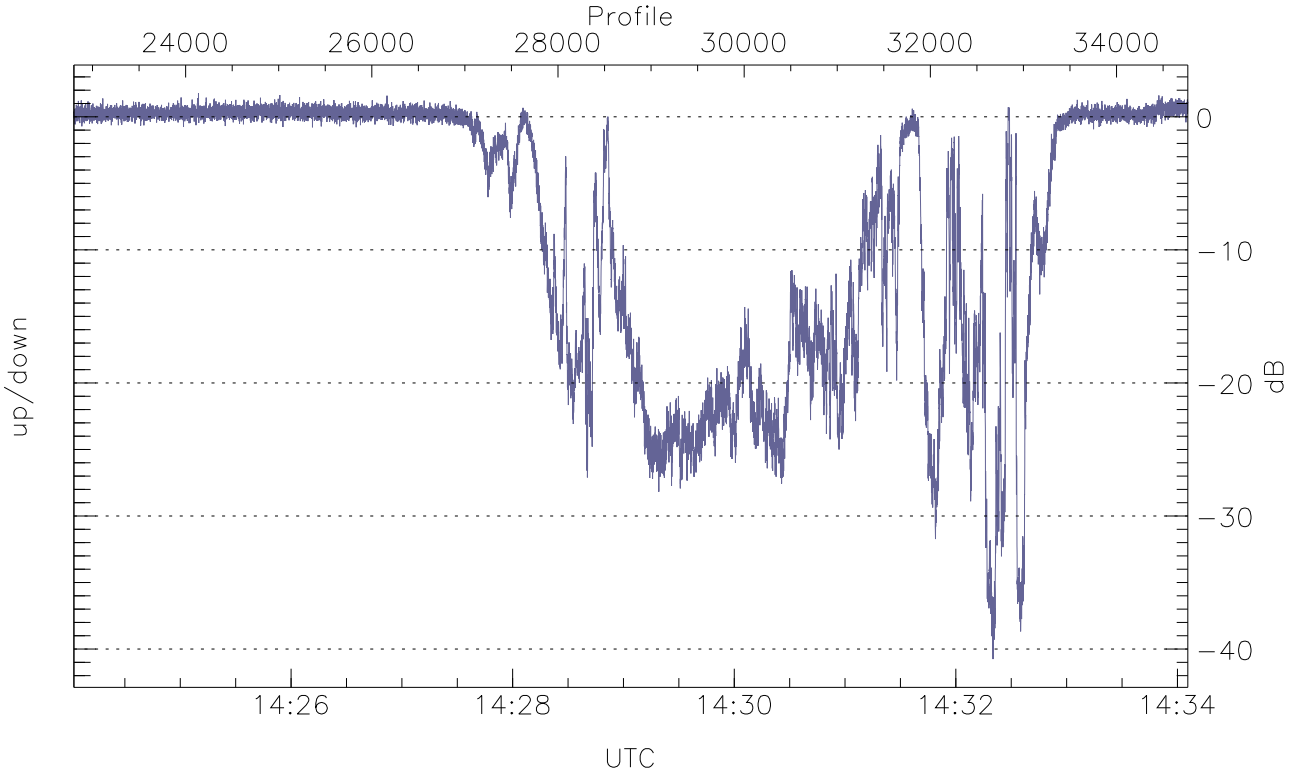


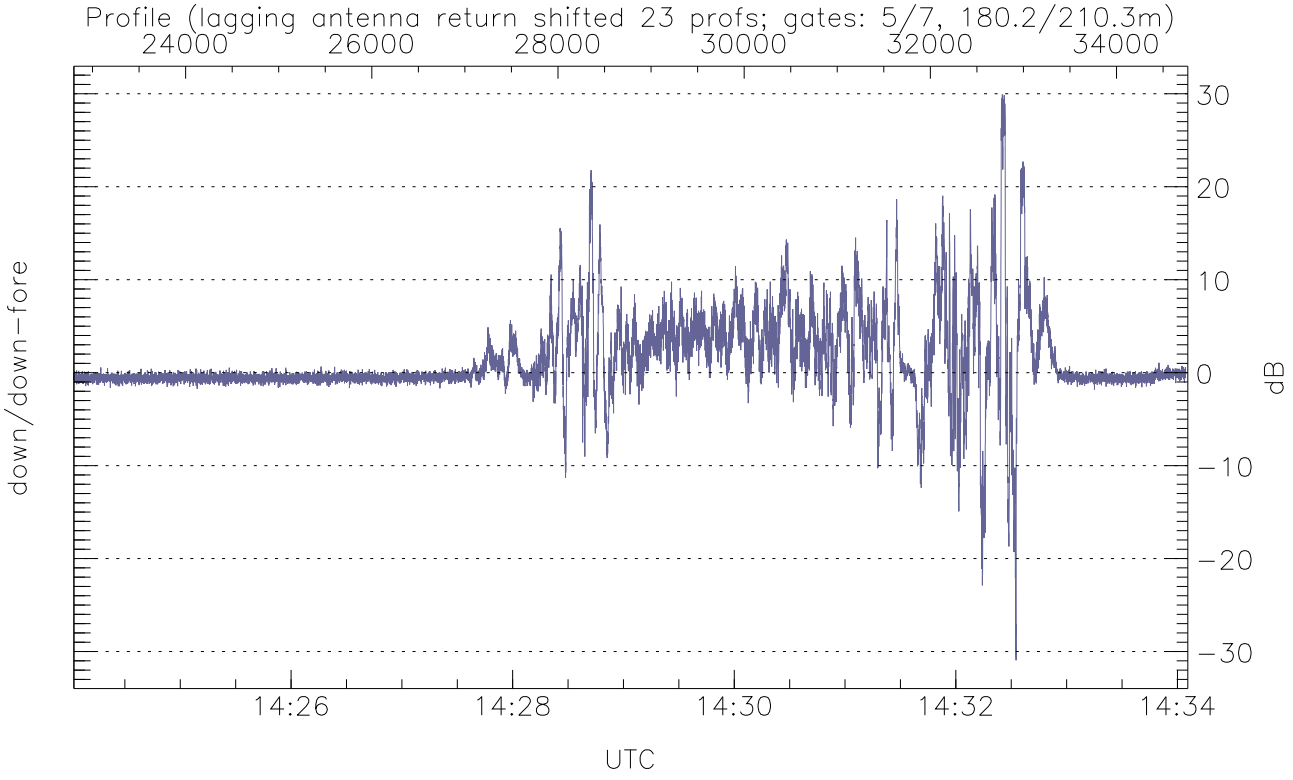
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

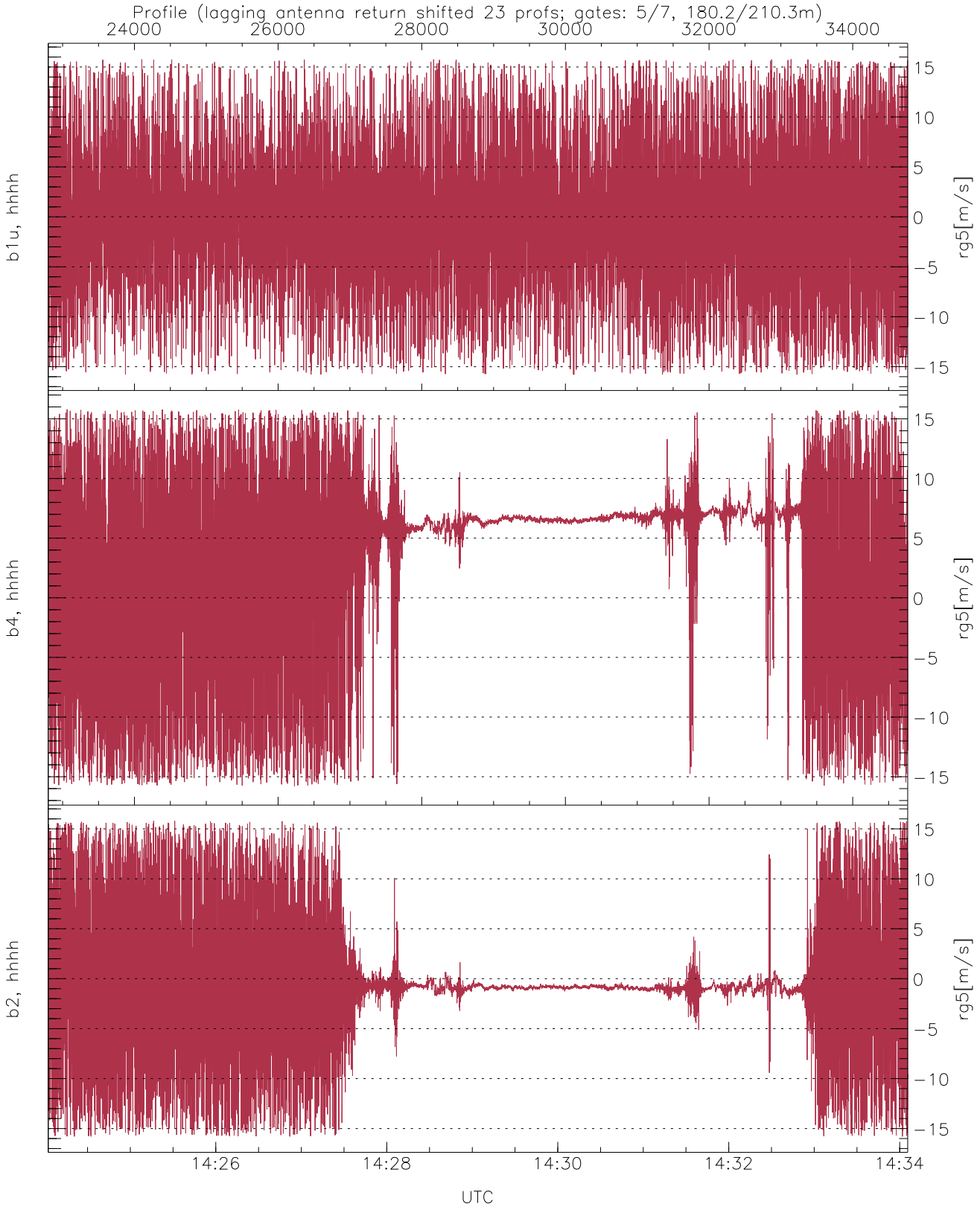
	Min	Max	Mean
up(hh[dBm])	-63.63	-61.29	-62.41
down-fore(hh[dBm])	-63.30	-27.31	-46.45
down(hh[dBm])	-63.53	-21.64	-41.84





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

	Min	Max	Mean
up/down(dB)	-40.75	1.77	-7.98
down/down-fore(dB)	-30.94	29.92	1.42



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	-0.13	6.79
b4, hhhh(rg5[m/s])	-15.80	15.80	3.48	6.98
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.72	5.78