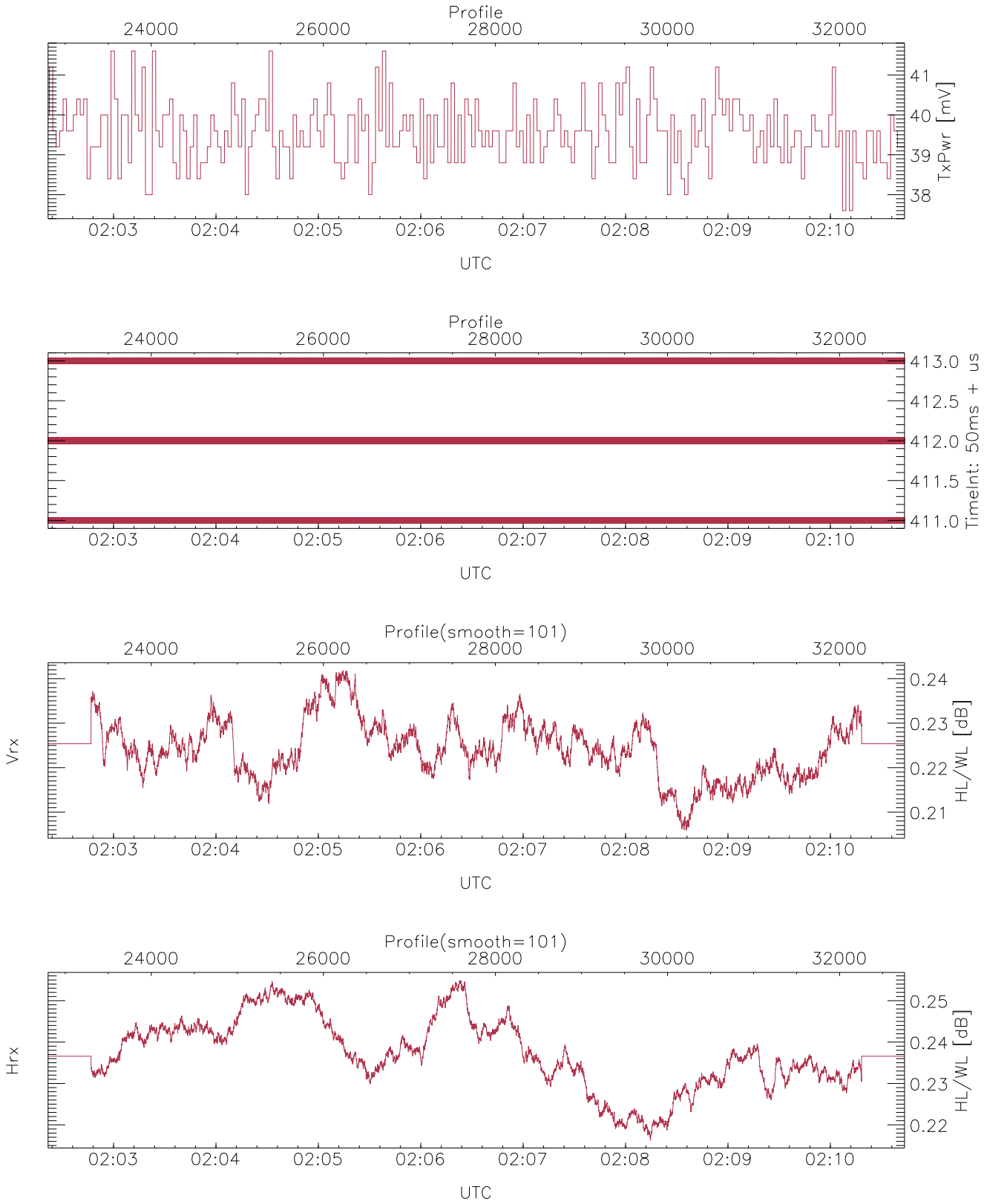
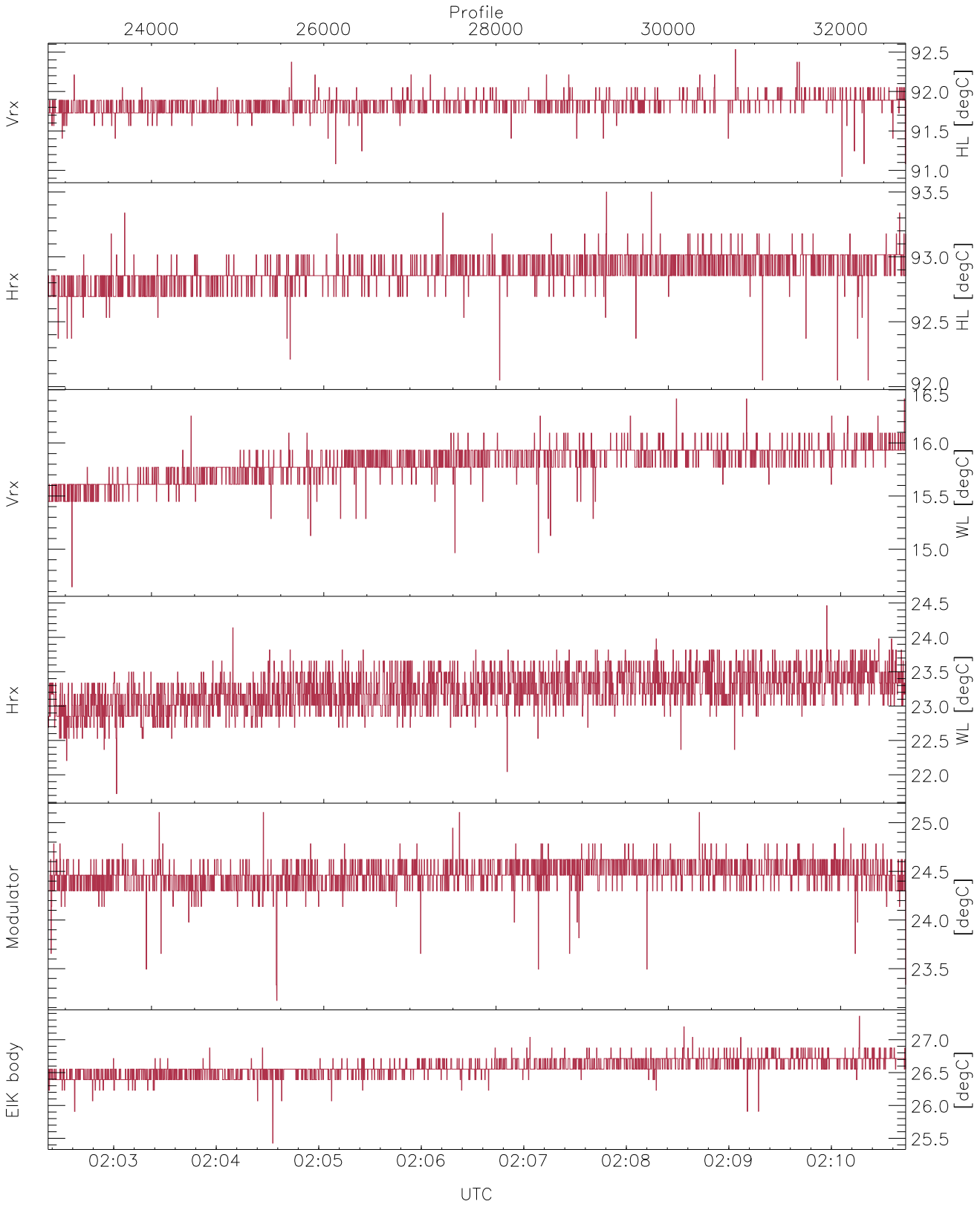


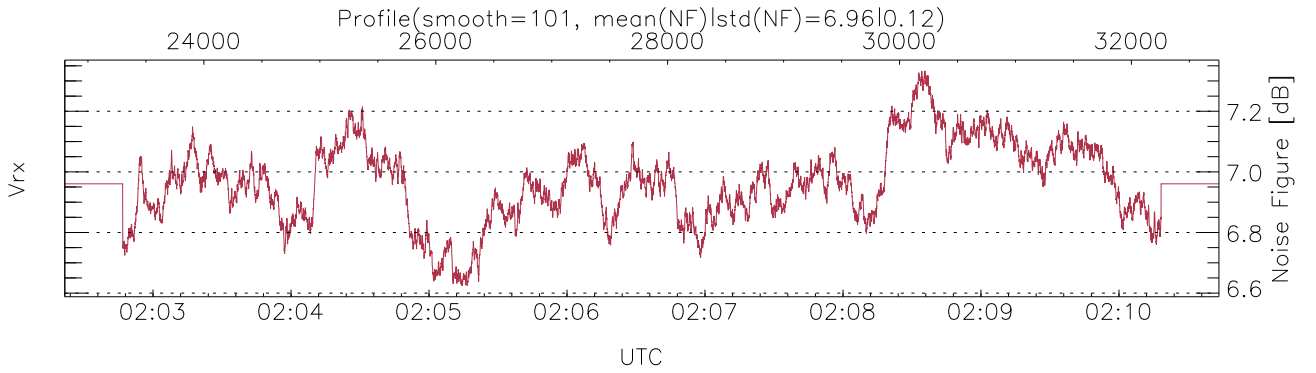
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

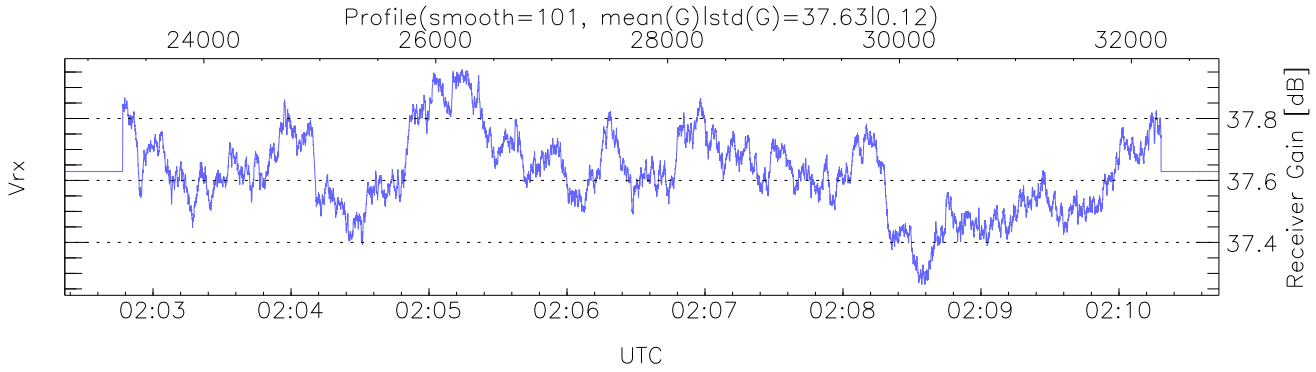
UTC: 01:43:12-02:10:43, Dur: 1651.26s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 9956/32756, 22800-32755/02:02:22-02:10:43
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

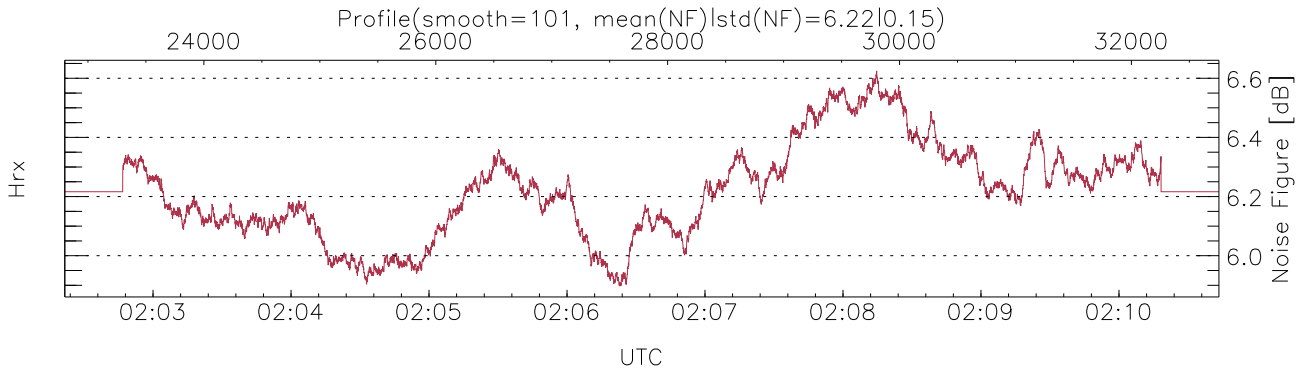


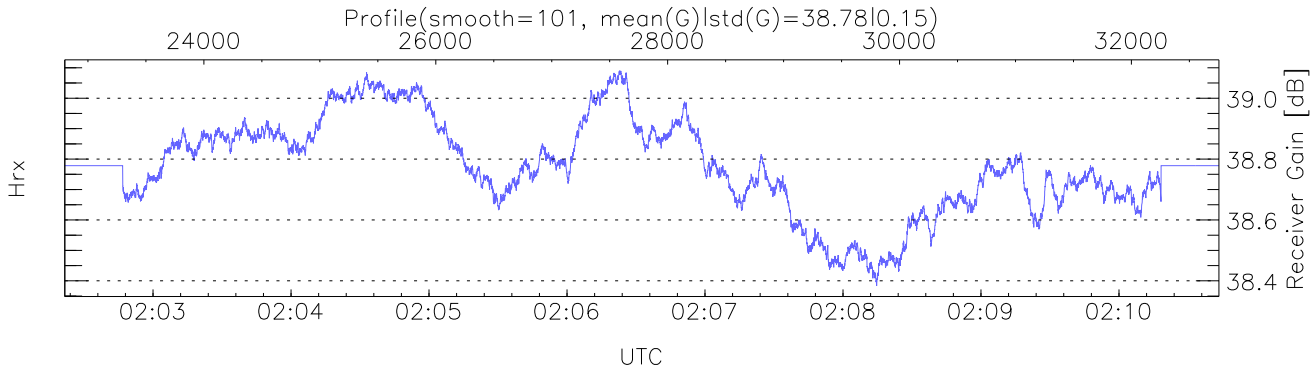
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,14,21,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (11,11,11,11,11,5)



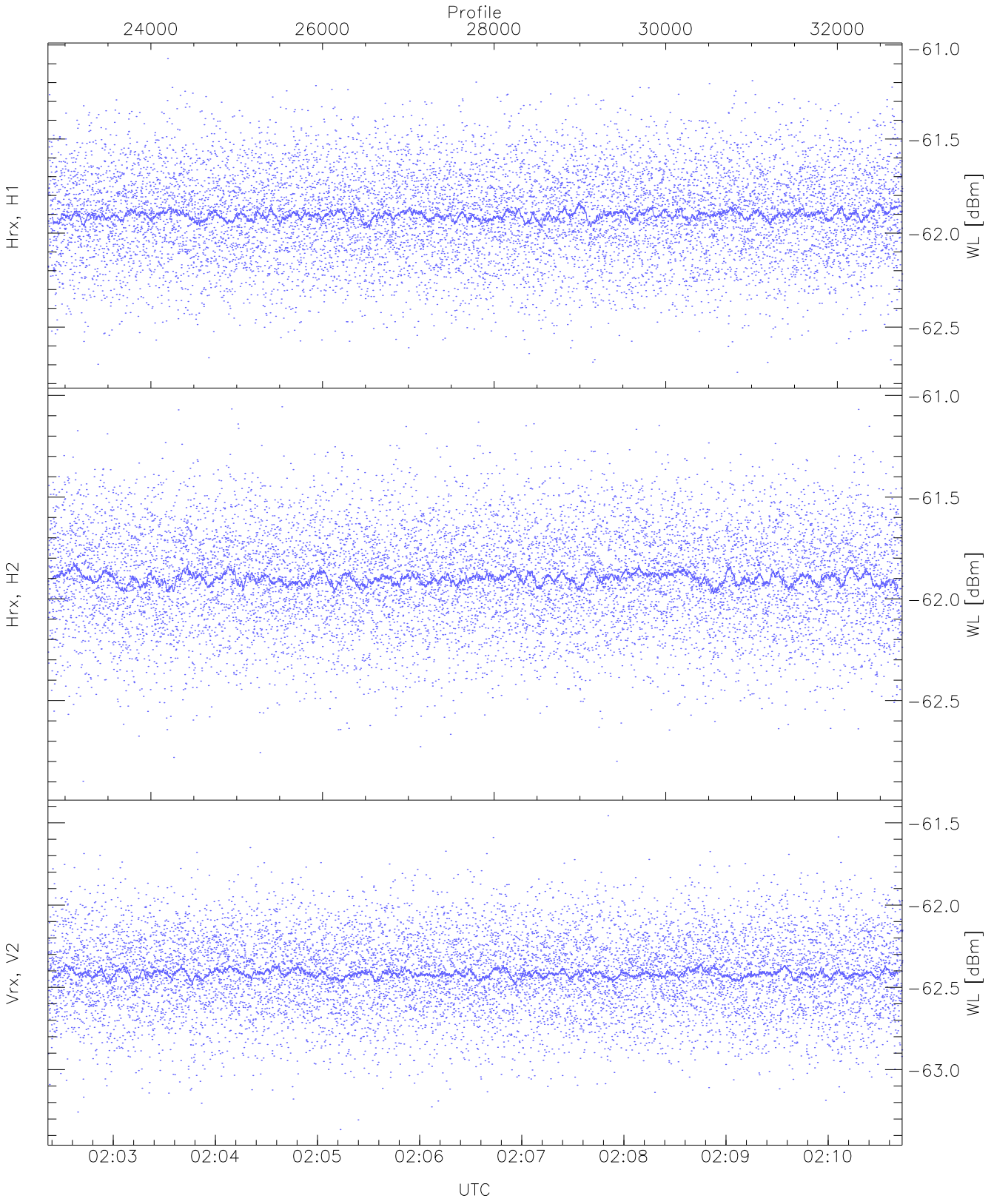






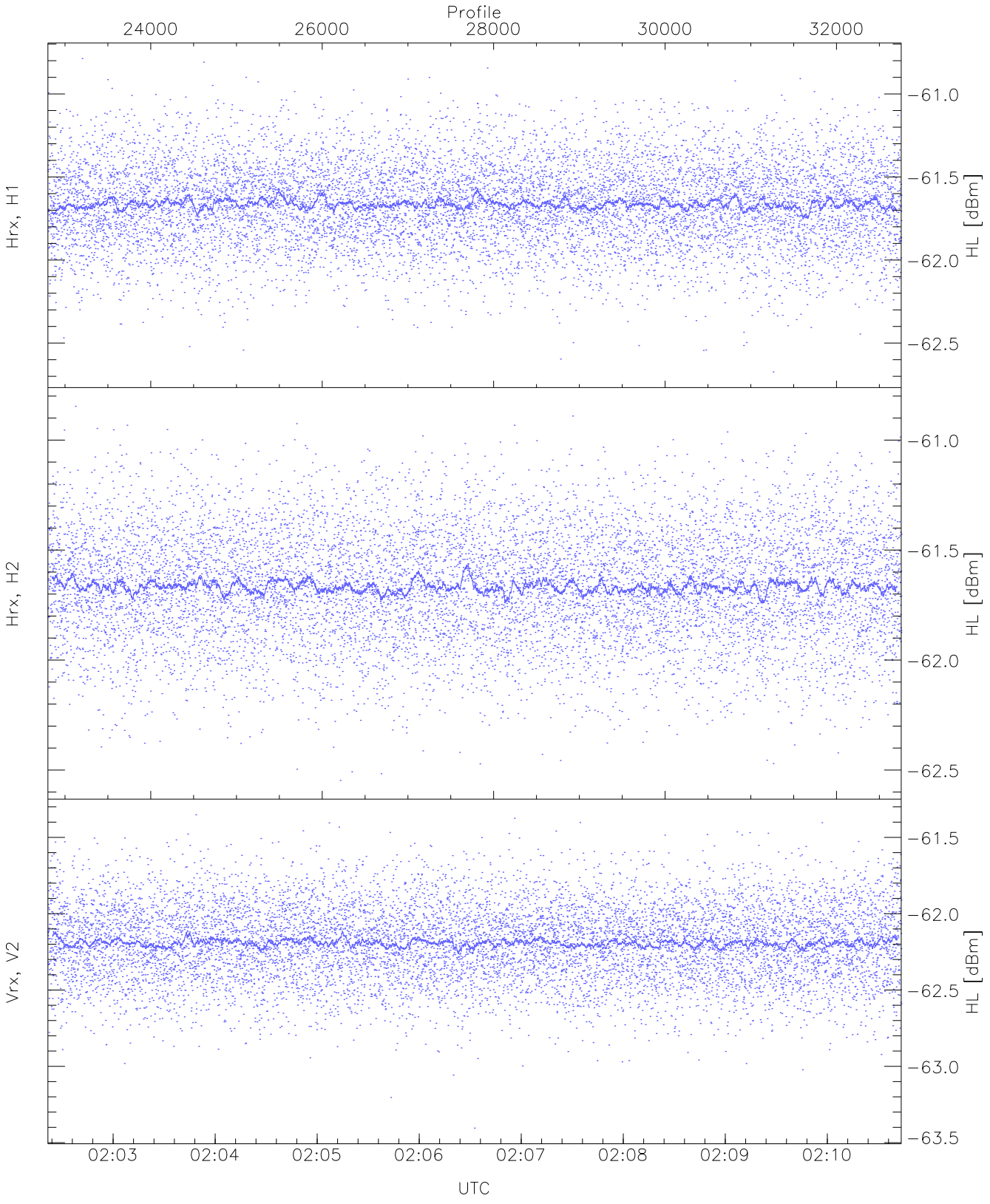
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9272 pixs, 25 gates, 8875 profs, 2 prods



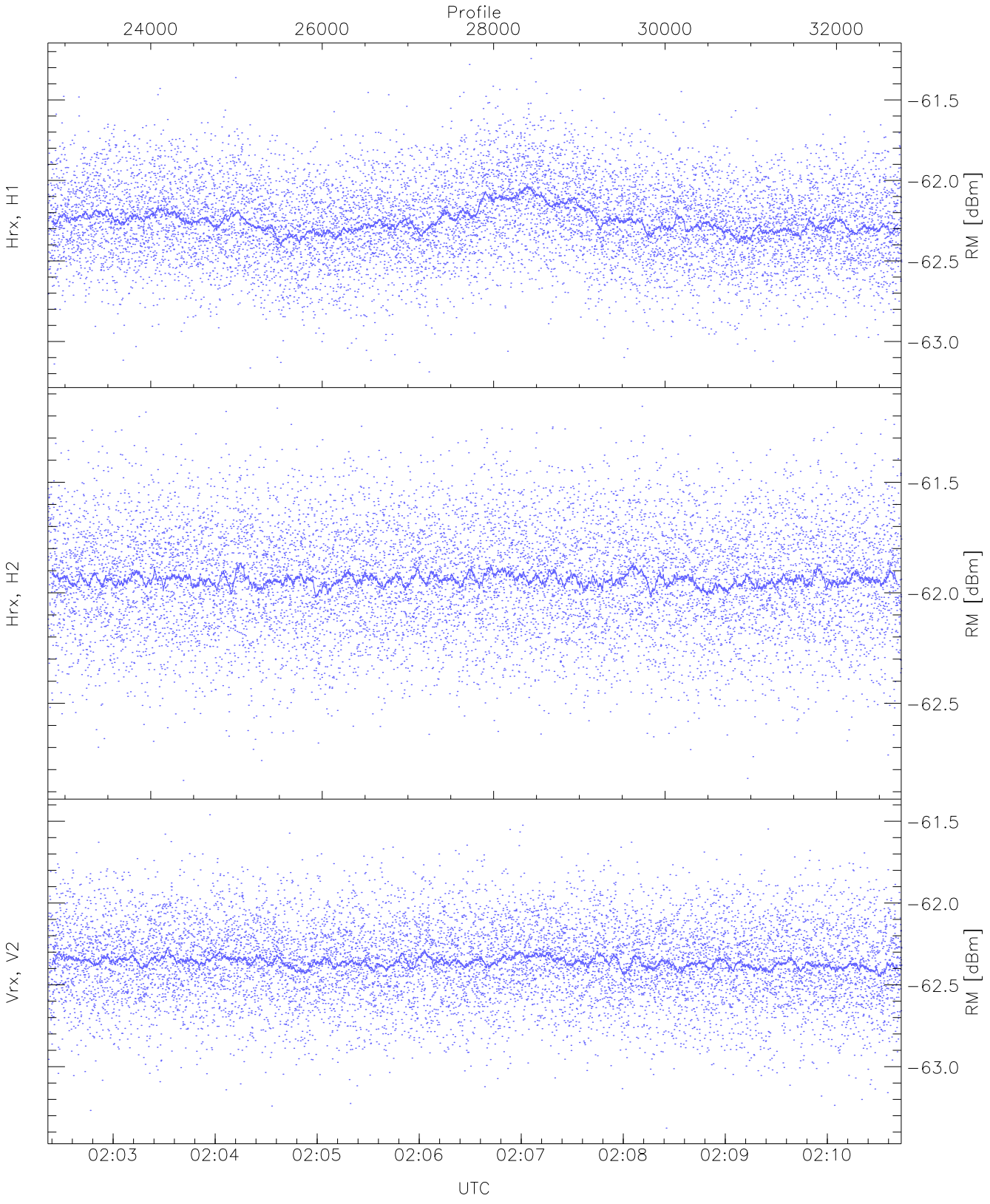
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.74	-61.07	-61.90	-61.90	-74.52
Hrx, H2(WL [dBm])	-62.90	-61.06	-61.89	-61.90	-74.42
Vrx, V2(WL [dBm])	-63.36	-61.46	-62.41	-62.41	-75.03



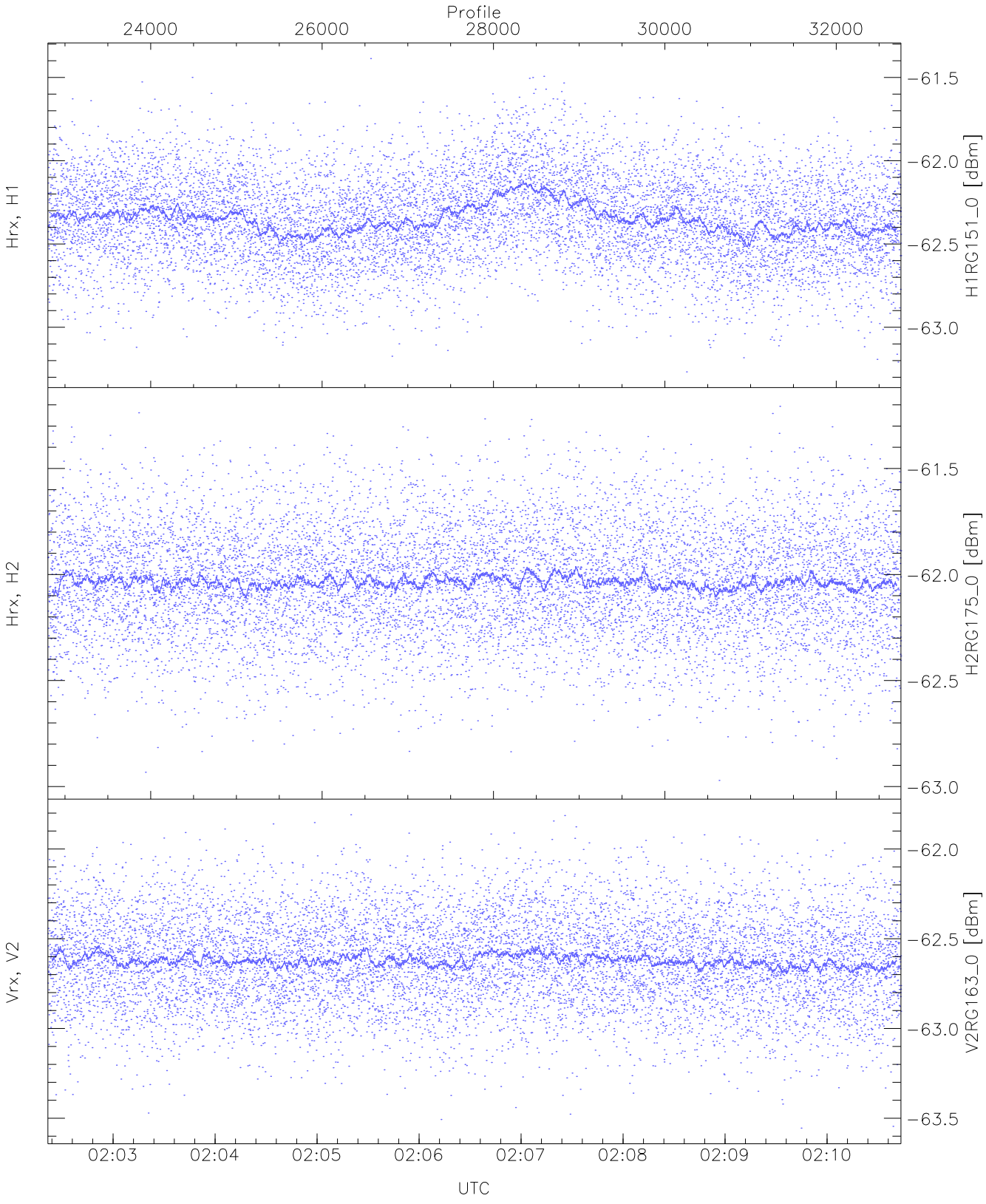
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.79	-61.66	-61.66	-74.24
Hrx, H2(HL [dBm])	-62.55	-60.85	-61.66	-61.67	-74.24
Vrx, V2(HL [dBm])	-63.40	-61.35	-62.19	-62.19	-74.75



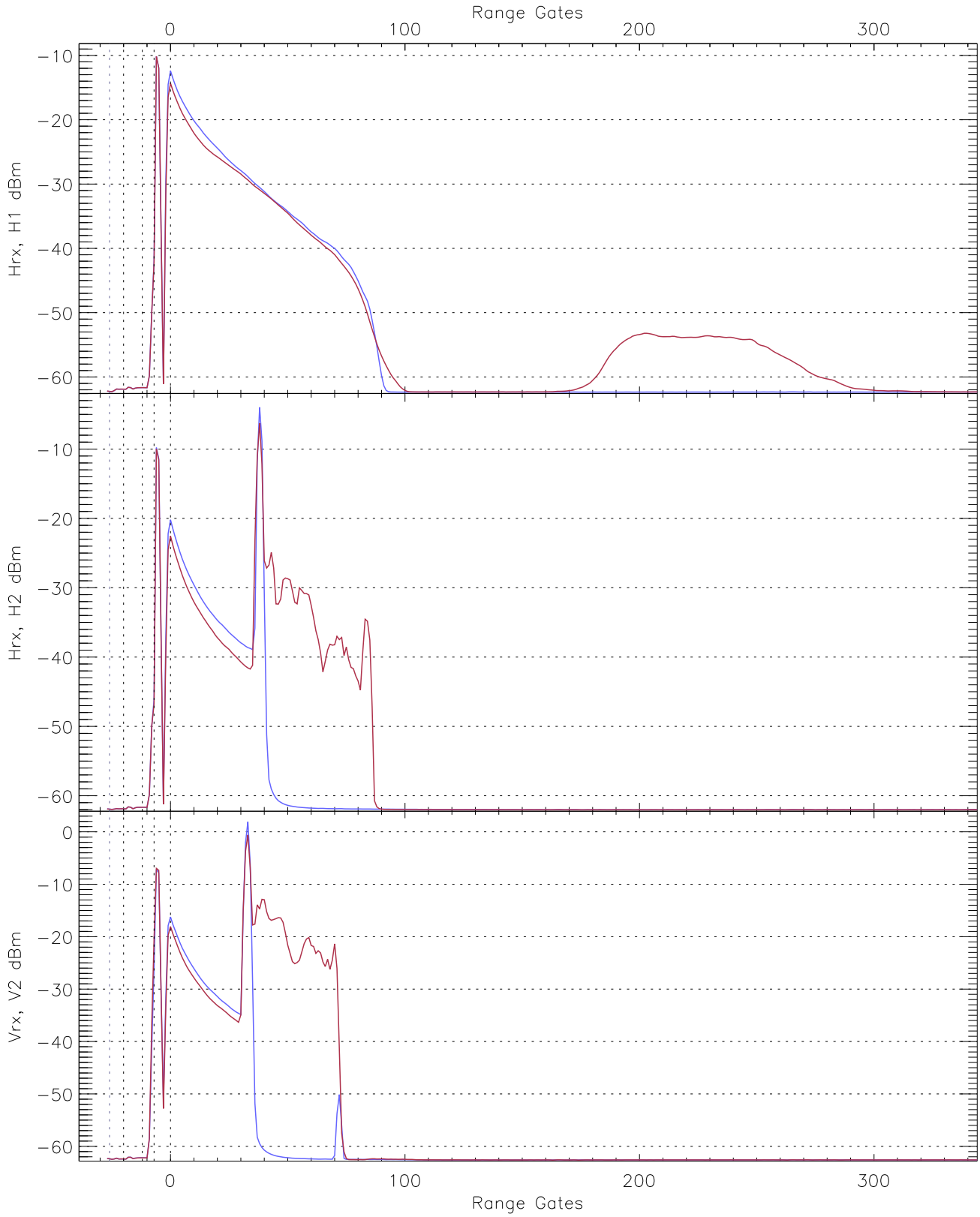
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.19	-61.24	-62.25	-62.26	-74.63
Hrx, H2(RM [dBm])	-62.85	-61.16	-61.94	-61.94	-74.54
Vrx, V2(RM [dBm])	-63.38	-61.46	-62.36	-62.36	-74.92

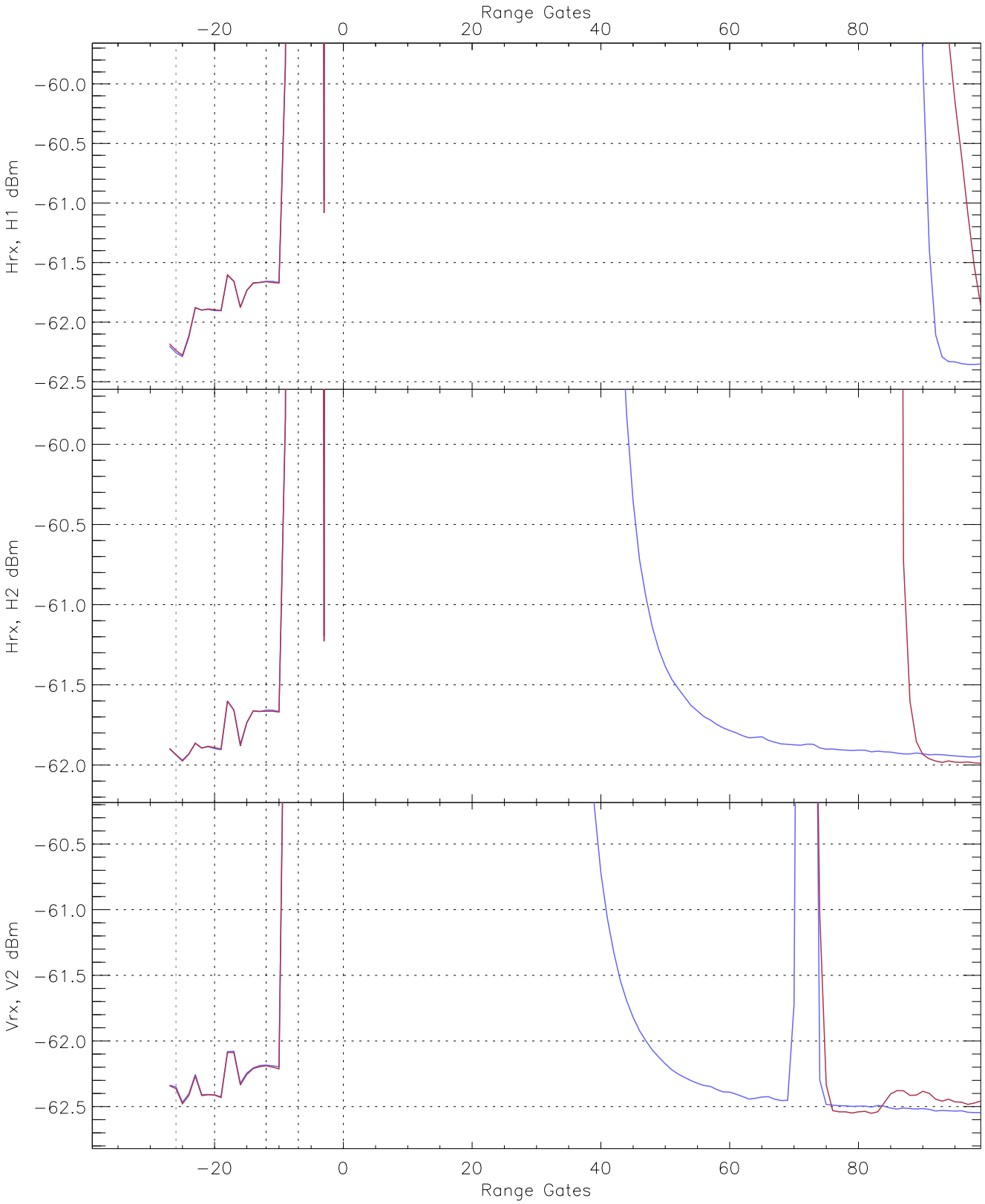


WCR2 CPP "Best" estimate Receivers Noise Power

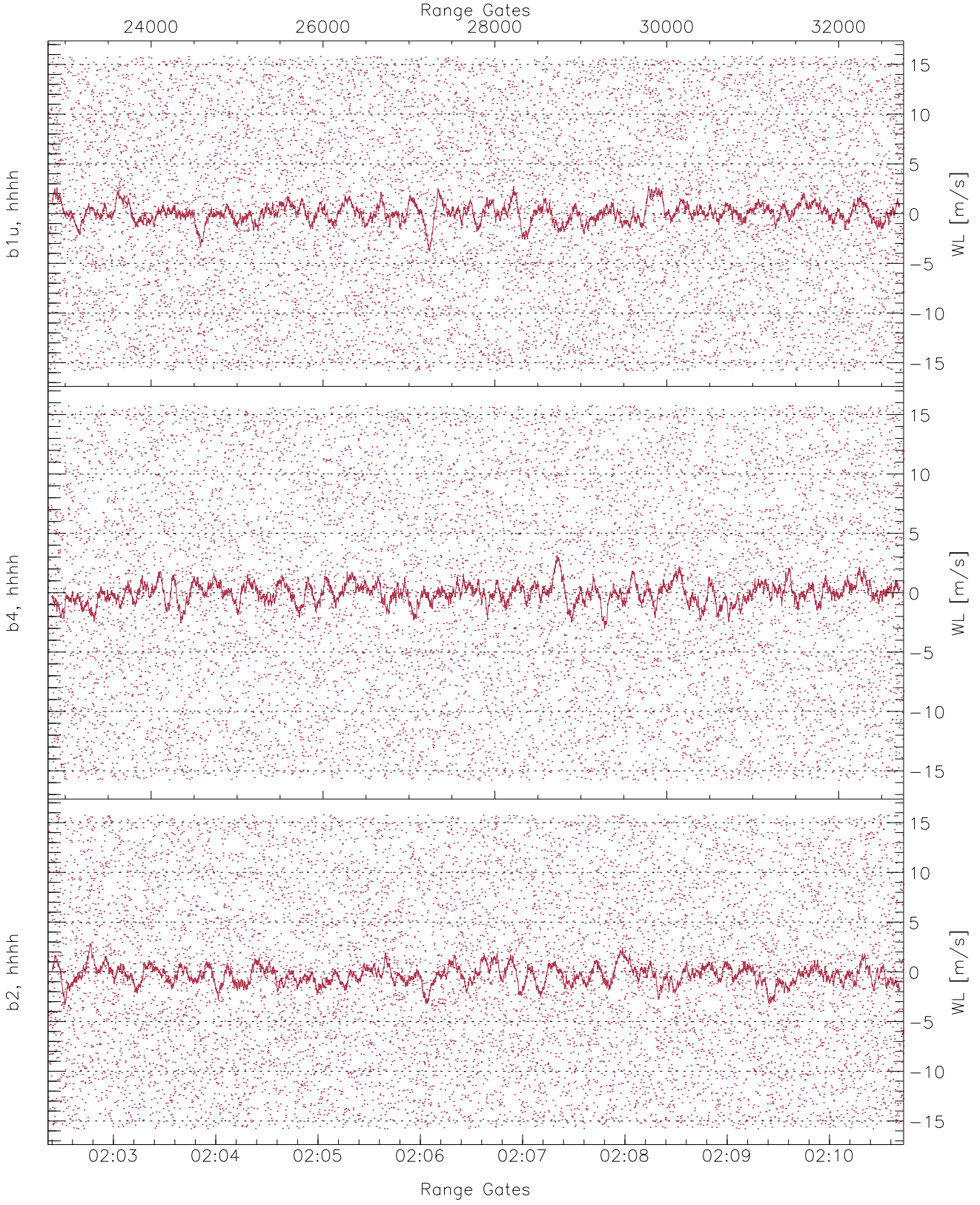
	Min	Max	Mean	Median	StDev
H1RG151_0 [dBm]	-63.27	-61.39	-62.34	-62.35	-74.73
H2RG175_0 [dBm]	-62.97	-61.21	-62.03	-62.04	-74.56
V2RG163_0 [dBm]	-63.56	-61.81	-62.62	-62.62	-75.19



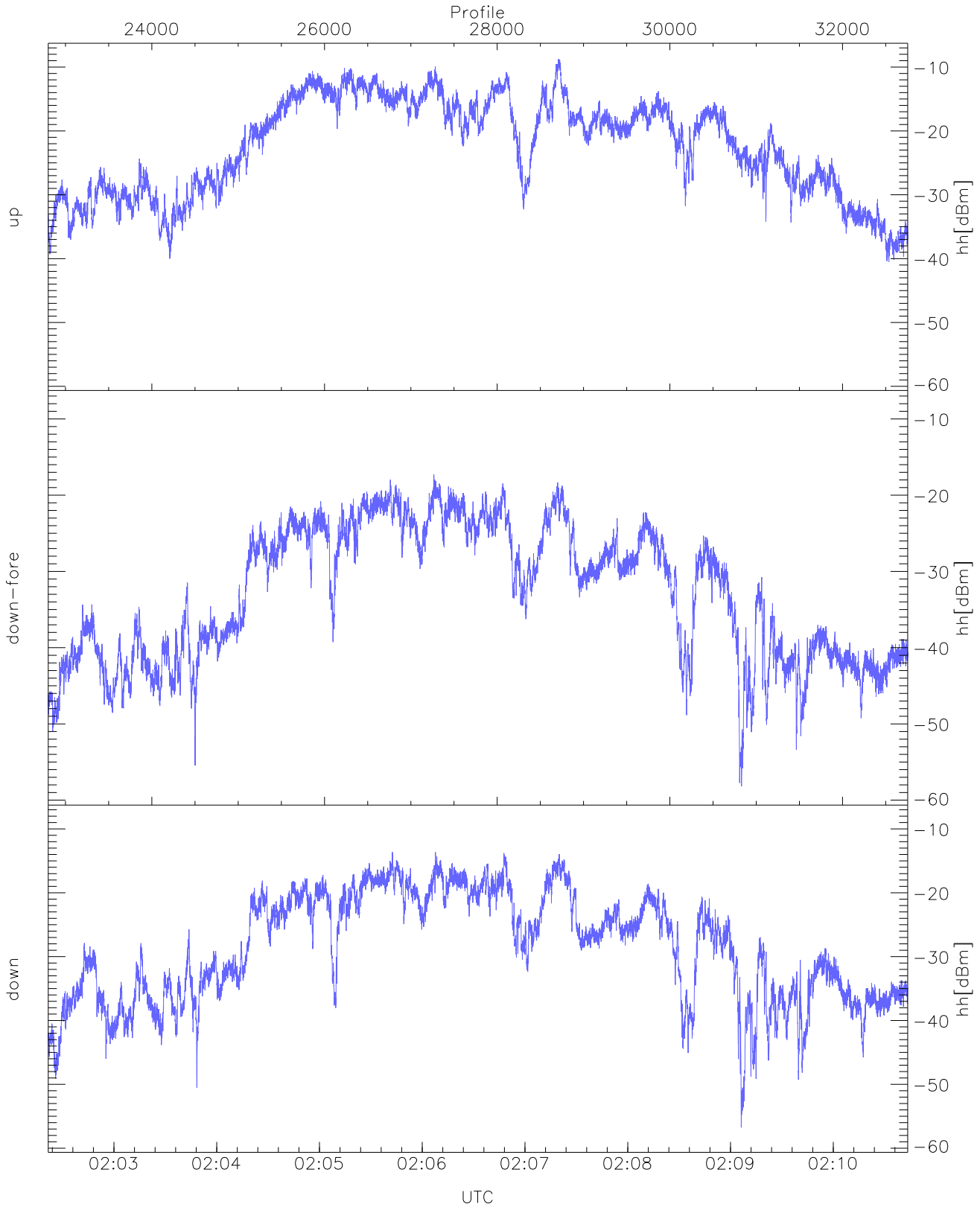
WCR2 CPP Averaged Received power for all recorded gates
blue: 020222-020633, 4979 profiles averaged
red: 020633-021043, 4978 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 020222-020633, 4979 profiles averaged
red: 020633-021043, 4978 profiles averaged

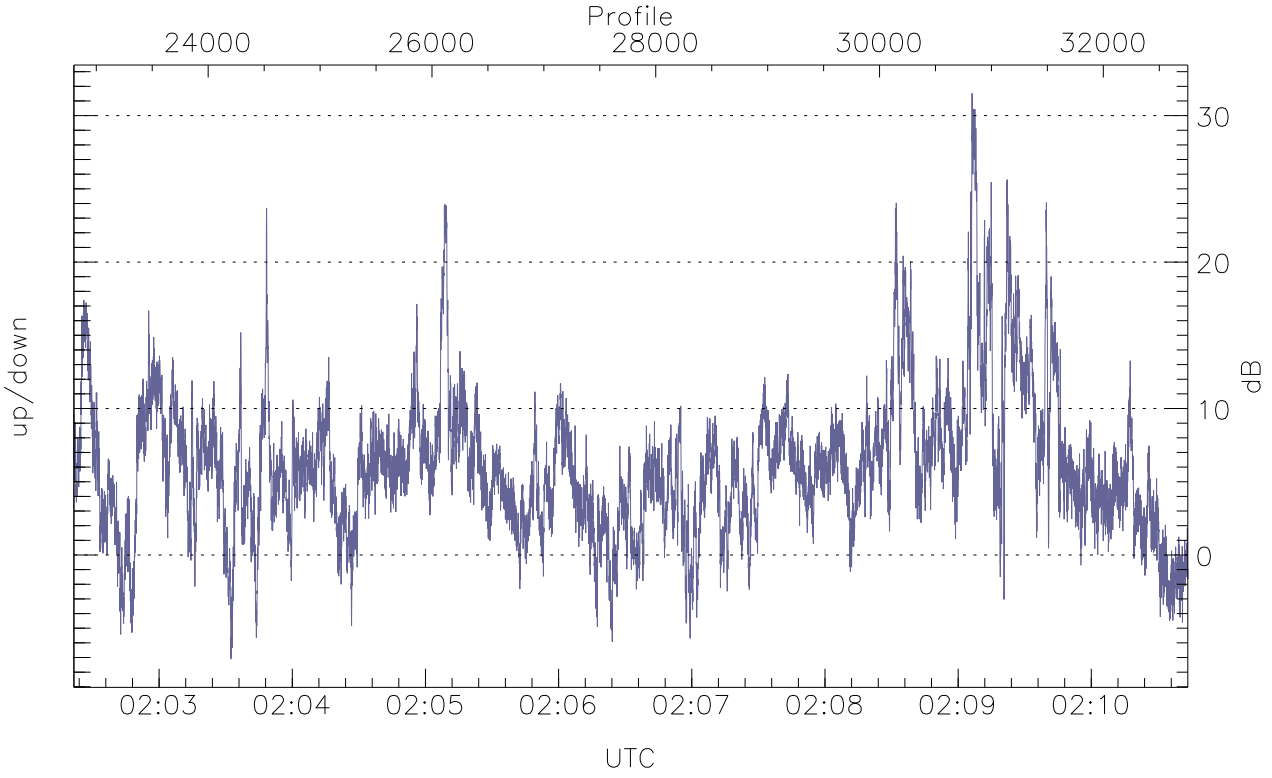


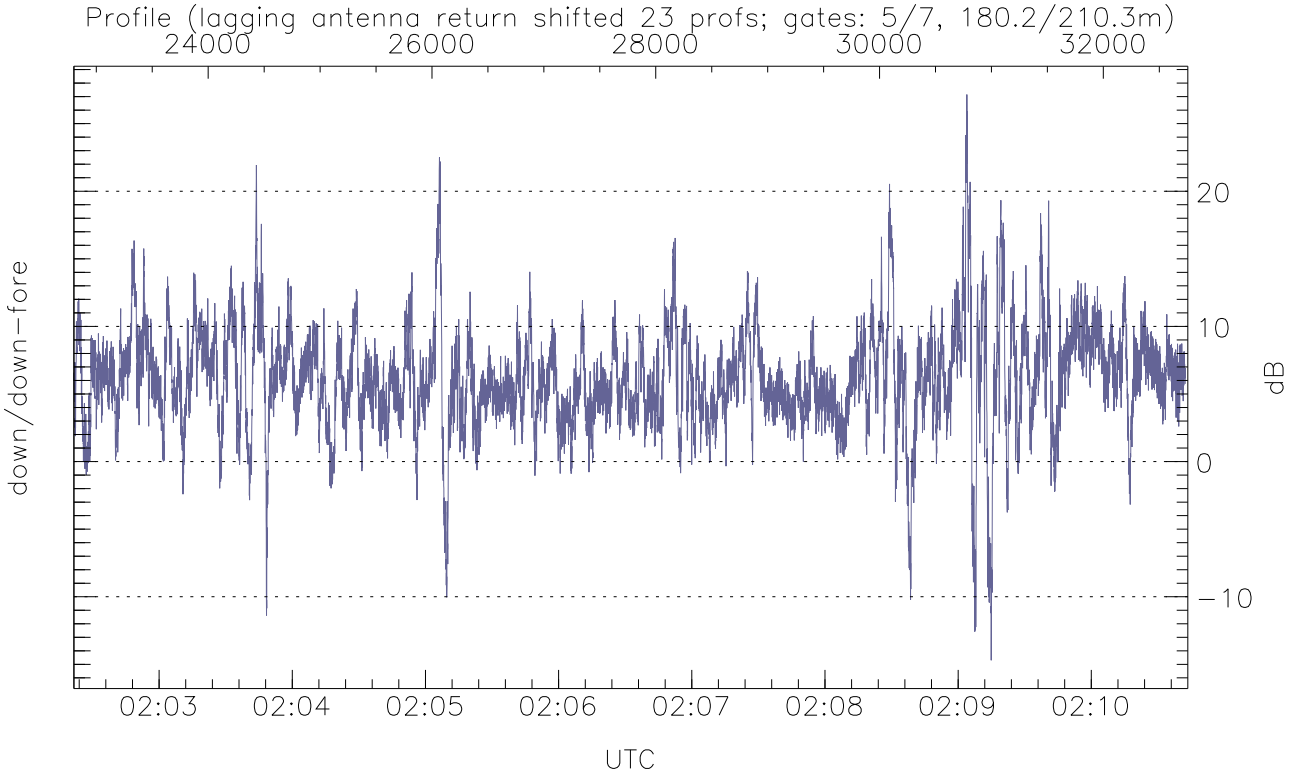
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

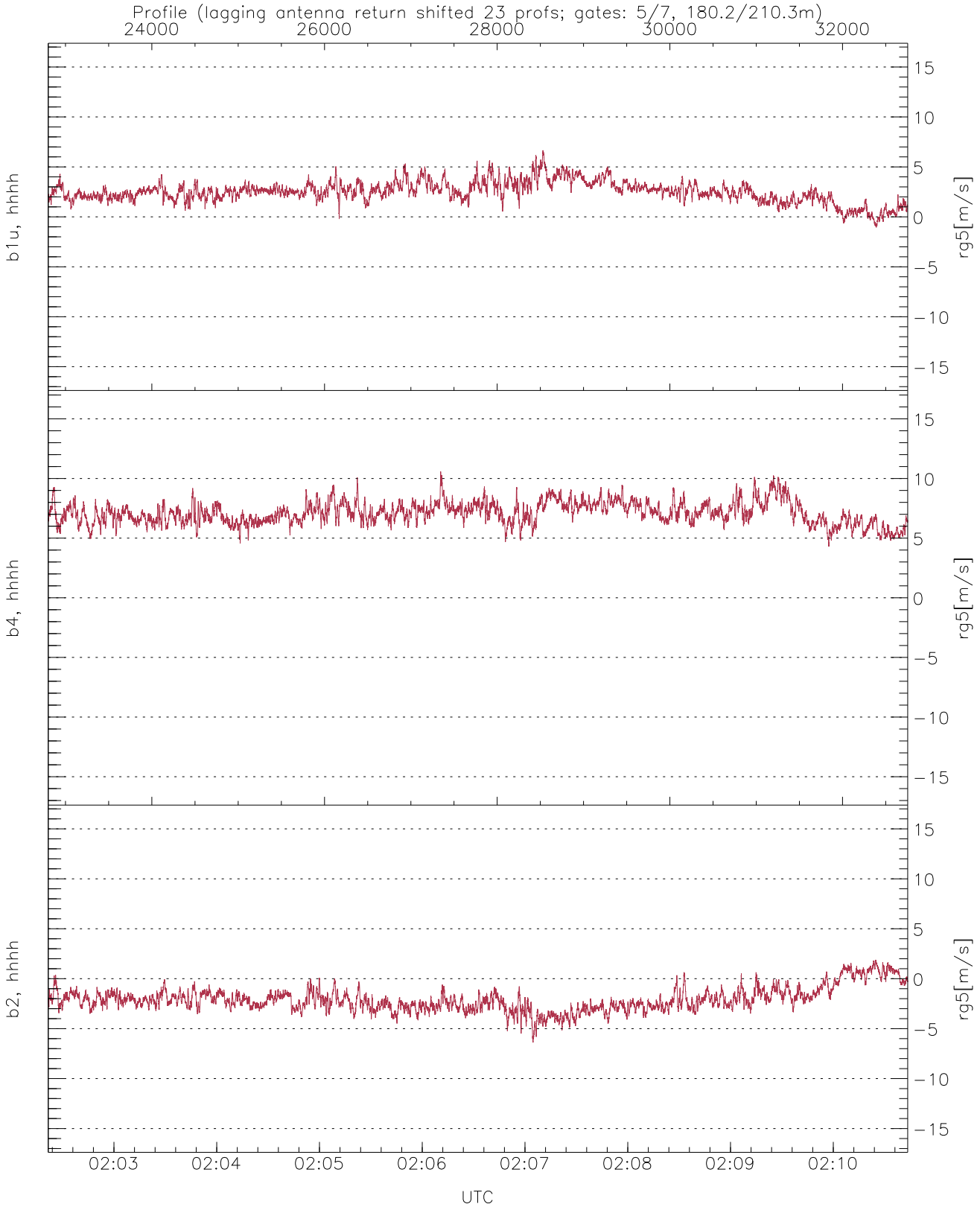
	Min	Max	Mean
up(hh[dBm])	-40.53	-8.74	-17.92
down-fore(hh[dBm])	-58.18	-17.26	-26.84
down(hh[dBm])	-56.75	-13.60	-22.96





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

	Min	Max	Mean
up/down(dB)	-7.11	31.52	6.06
down/down-fore(dB)	-14.70	27.15	6.17



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.06	6.66	2.51	1.06
b4, hhhh(rg5[m/s])	4.31	10.58	7.10	0.93
b2, hhhh(rg5[m/s])	-6.39	1.89	-2.09	1.20