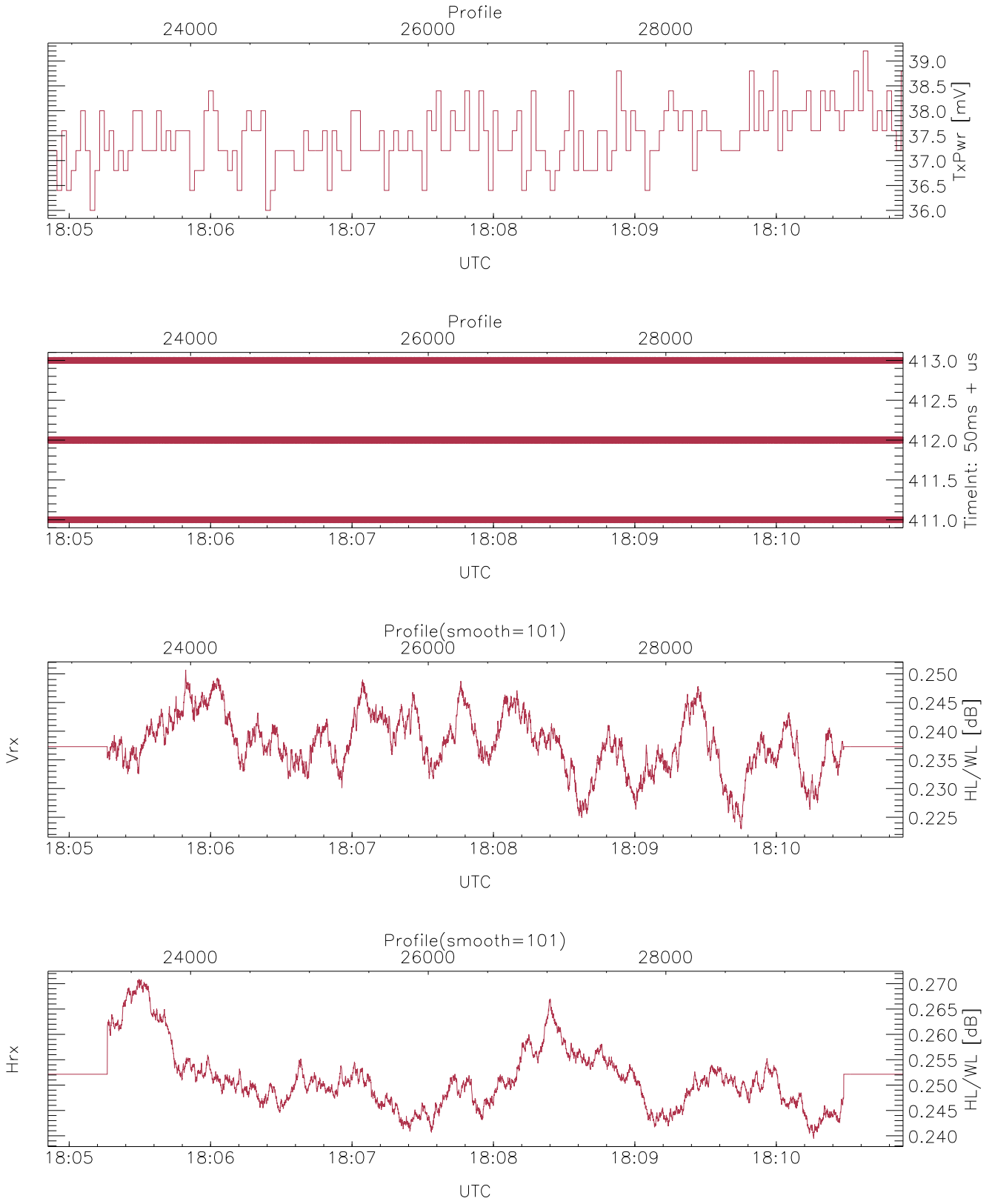
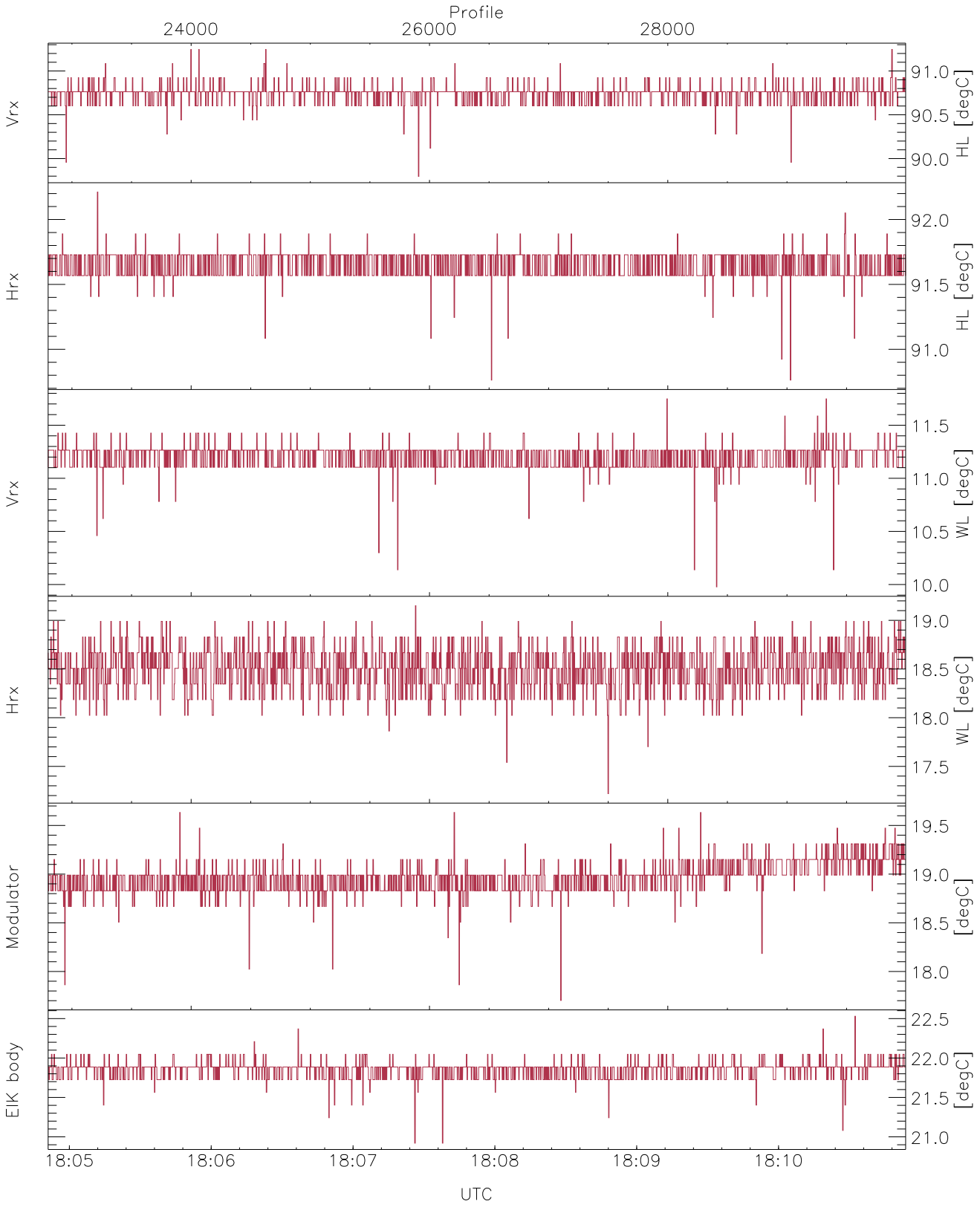


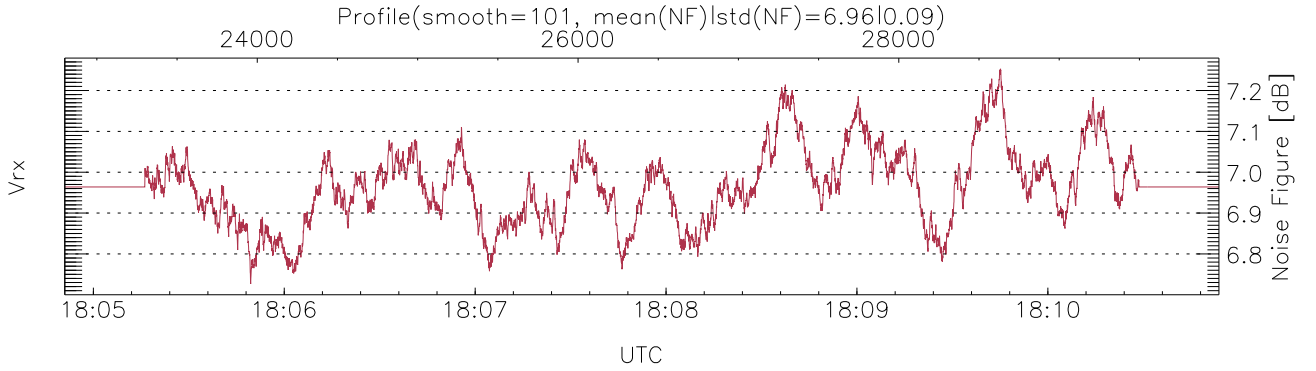
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

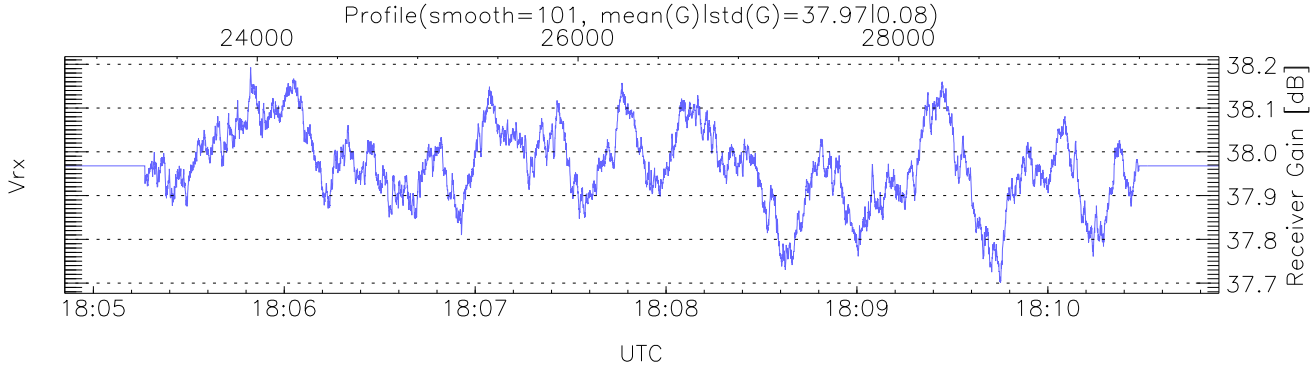
UTC: 17:45:42-18:10:54, Dur: 1512.18s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 7197/29997, 22800-29996/18:04:51-18:10:54
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

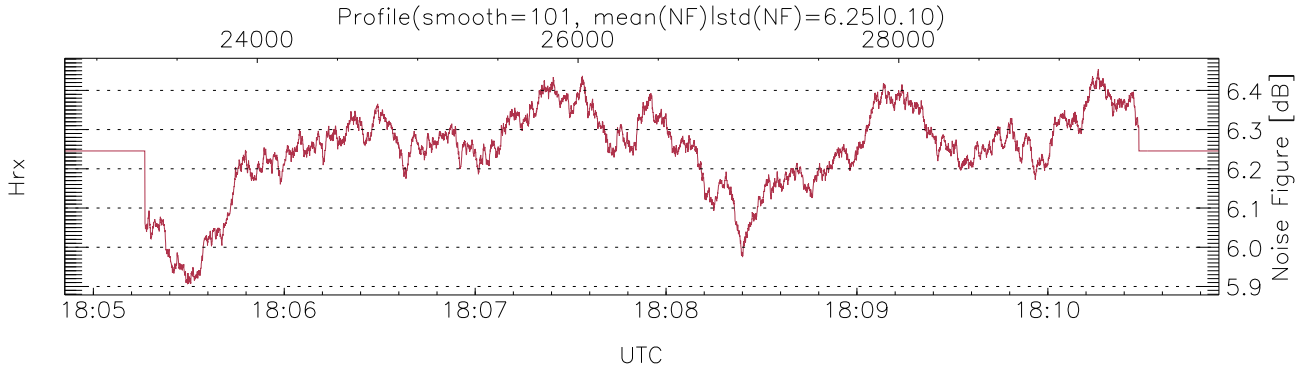


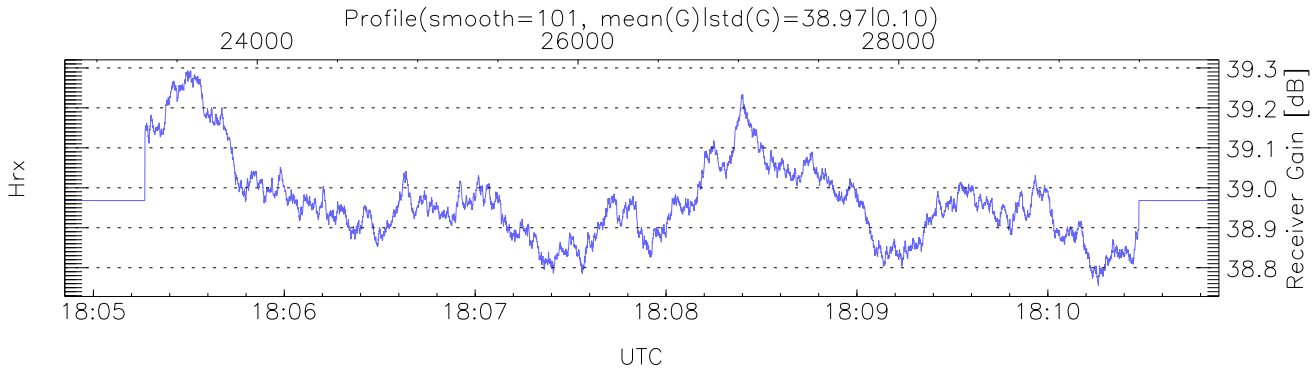
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,9,17,17,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,11,19,19,22
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF (5,5)



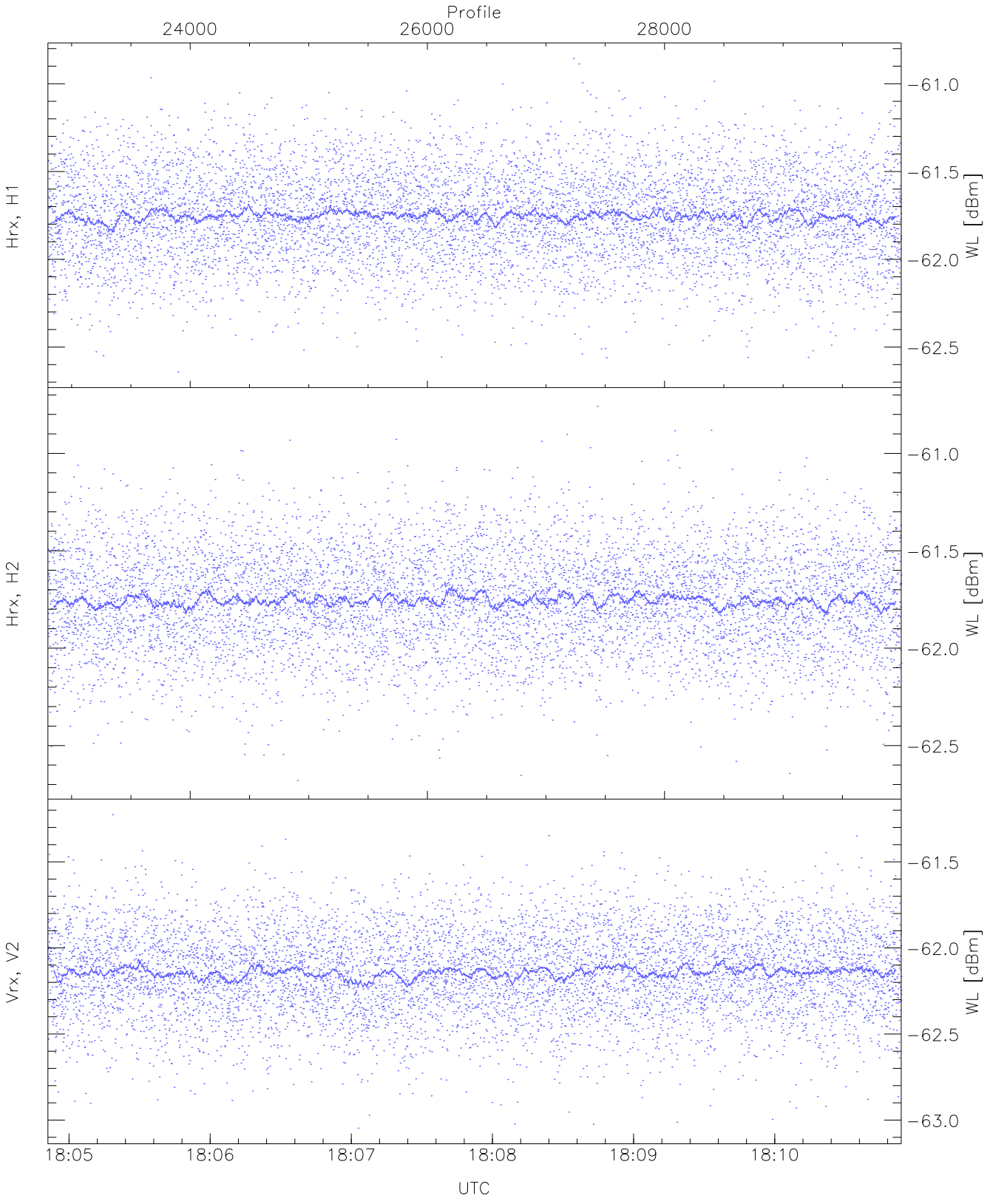






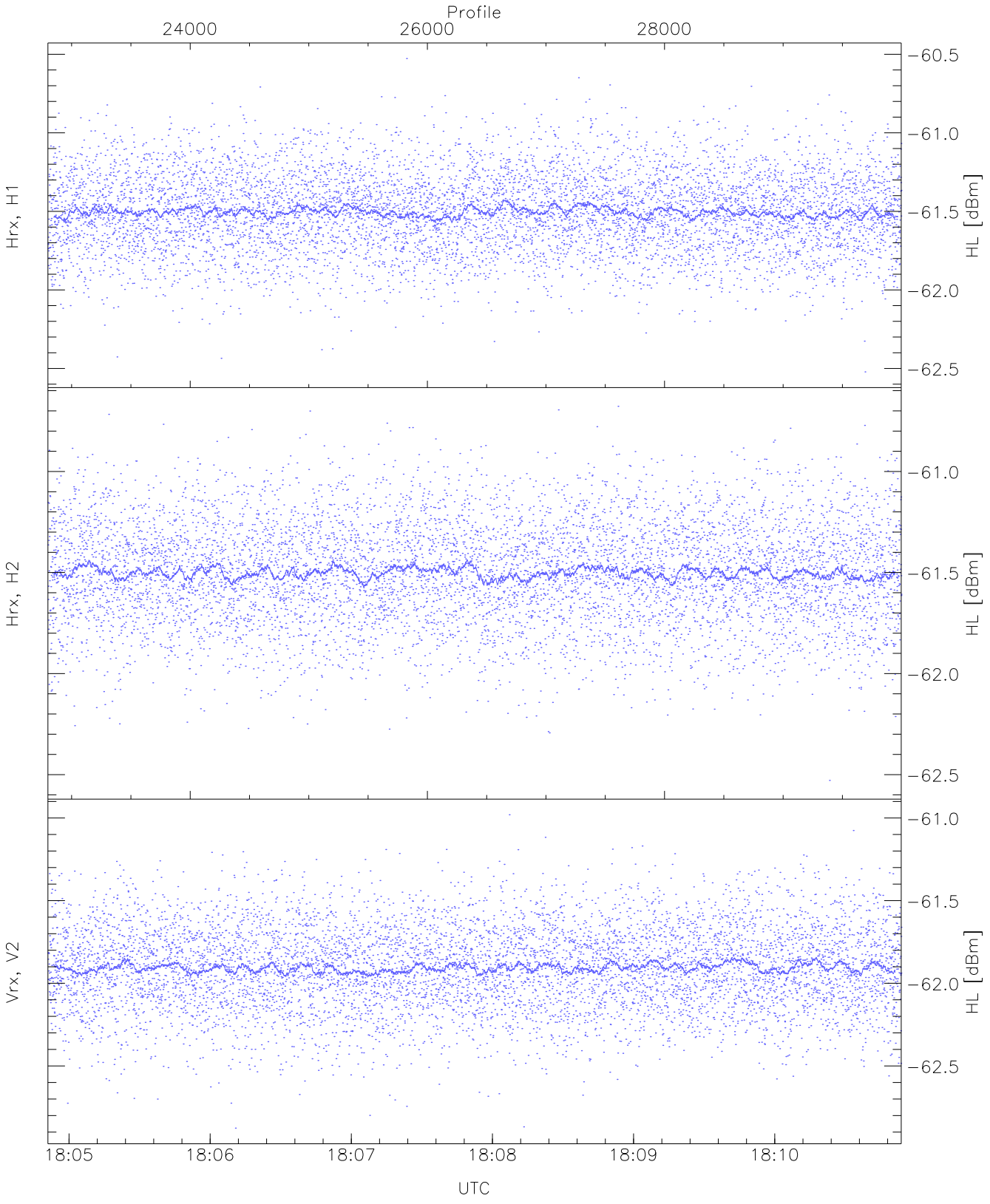
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 362 pixs, 15 gates, 361 profs, 1 prods



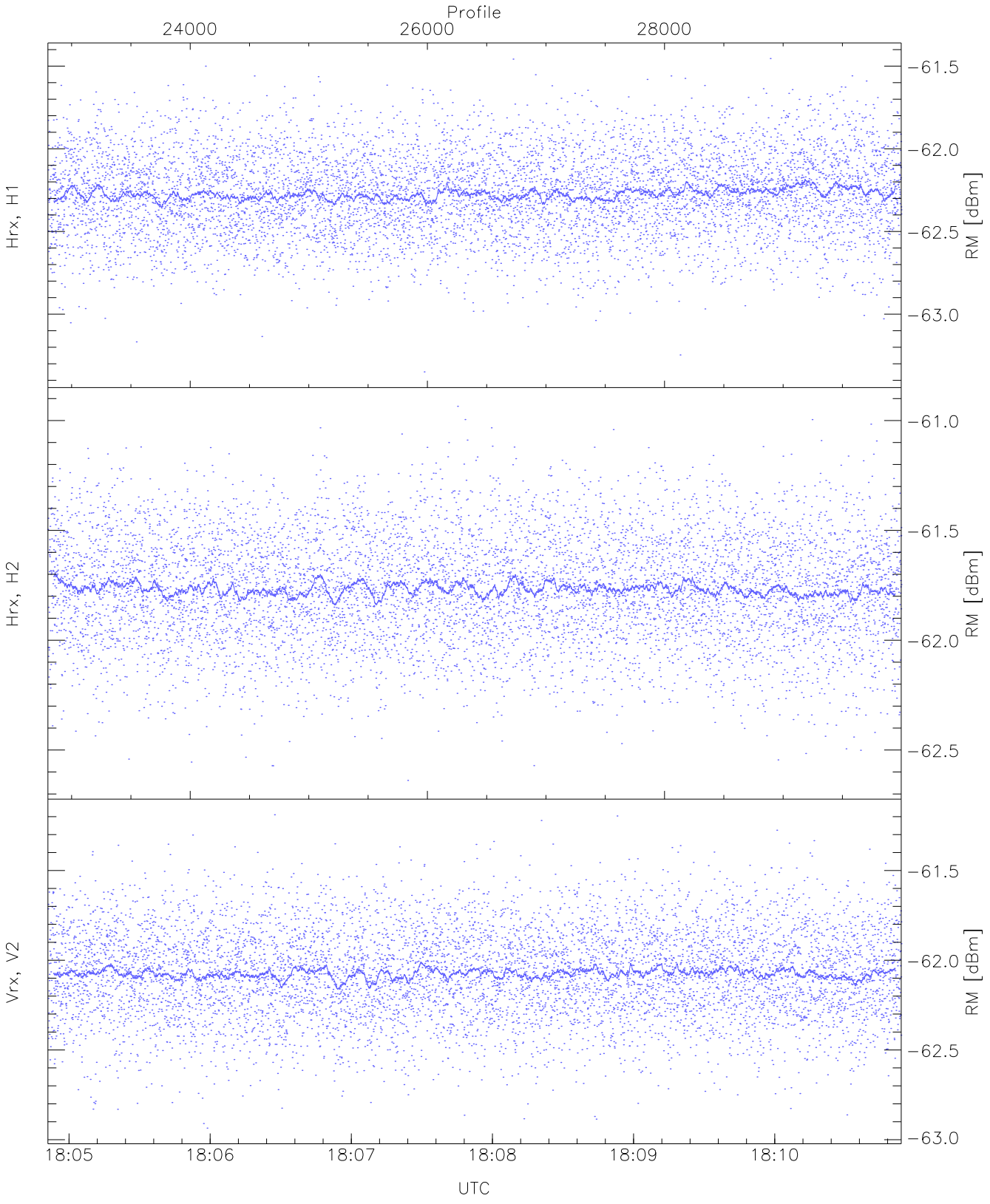
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.64	-60.86	-61.75	-61.75	-74.28
Hrx, H2(WL [dBm])	-62.68	-60.76	-61.75	-61.76	-74.26
Vrx, V2(WL [dBm])	-63.05	-61.23	-62.14	-62.14	-74.76



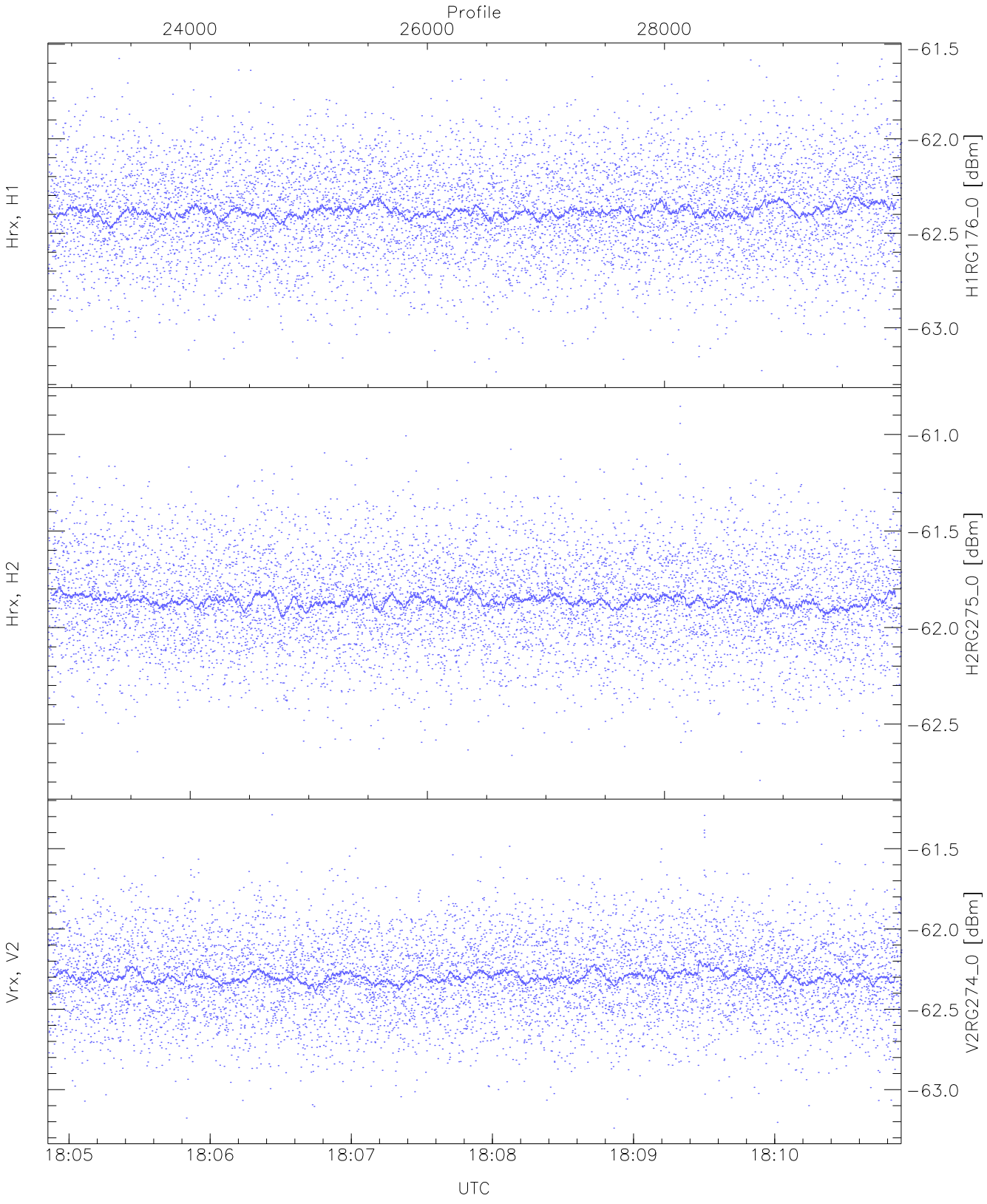
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.52	-60.53	-61.50	-61.50	-74.05
Hrx, H2(HL [dBm])	-62.53	-60.68	-61.50	-61.50	-74.03
Vrx, V2(HL [dBm])	-62.88	-60.98	-61.90	-61.90	-74.46



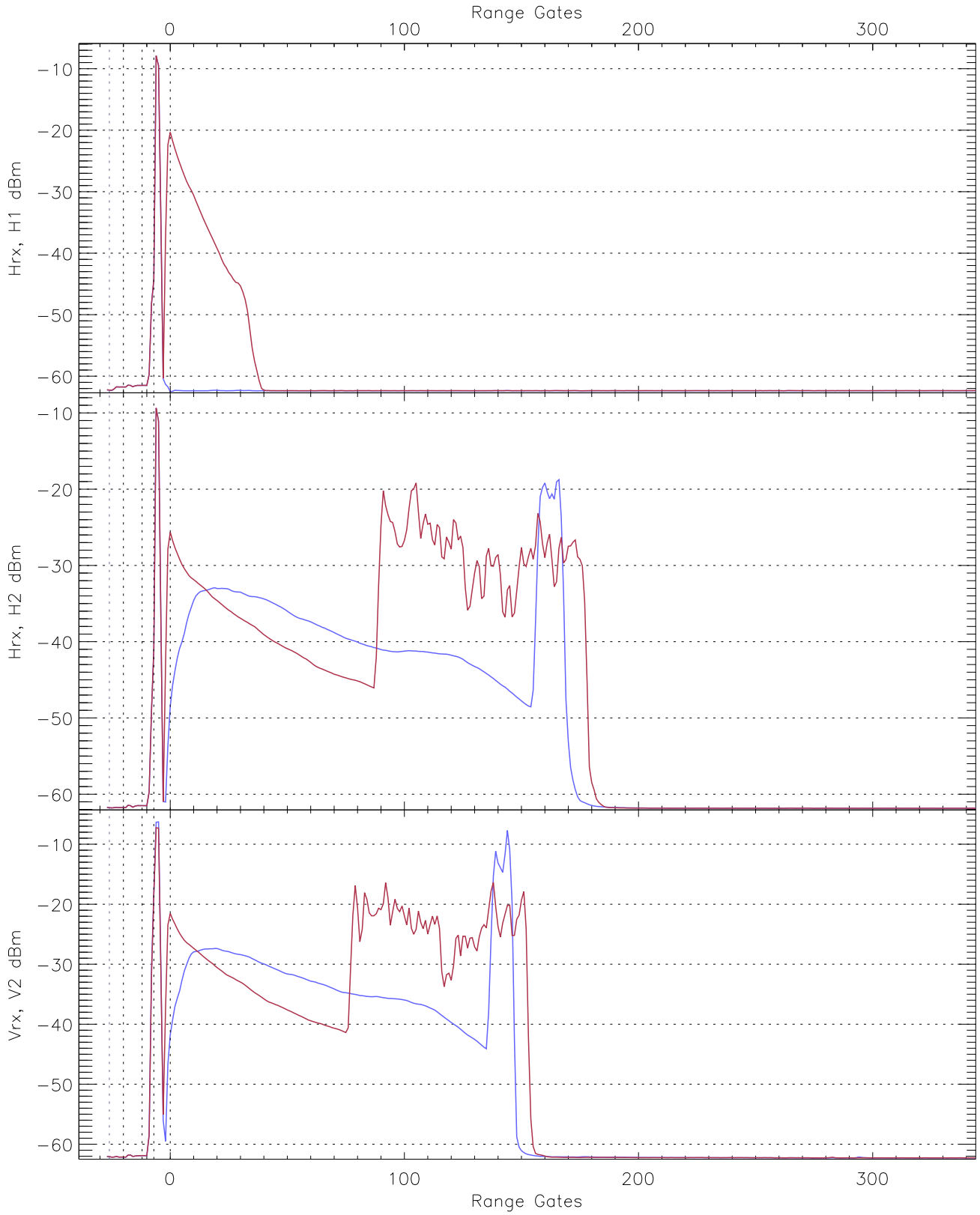
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.35	-61.45	-62.27	-62.27	-74.80
Hrx, H2(RM [dBm])	-62.64	-60.94	-61.76	-61.77	-74.41
Vrx, V2(RM [dBm])	-62.94	-61.19	-62.07	-62.08	-74.61

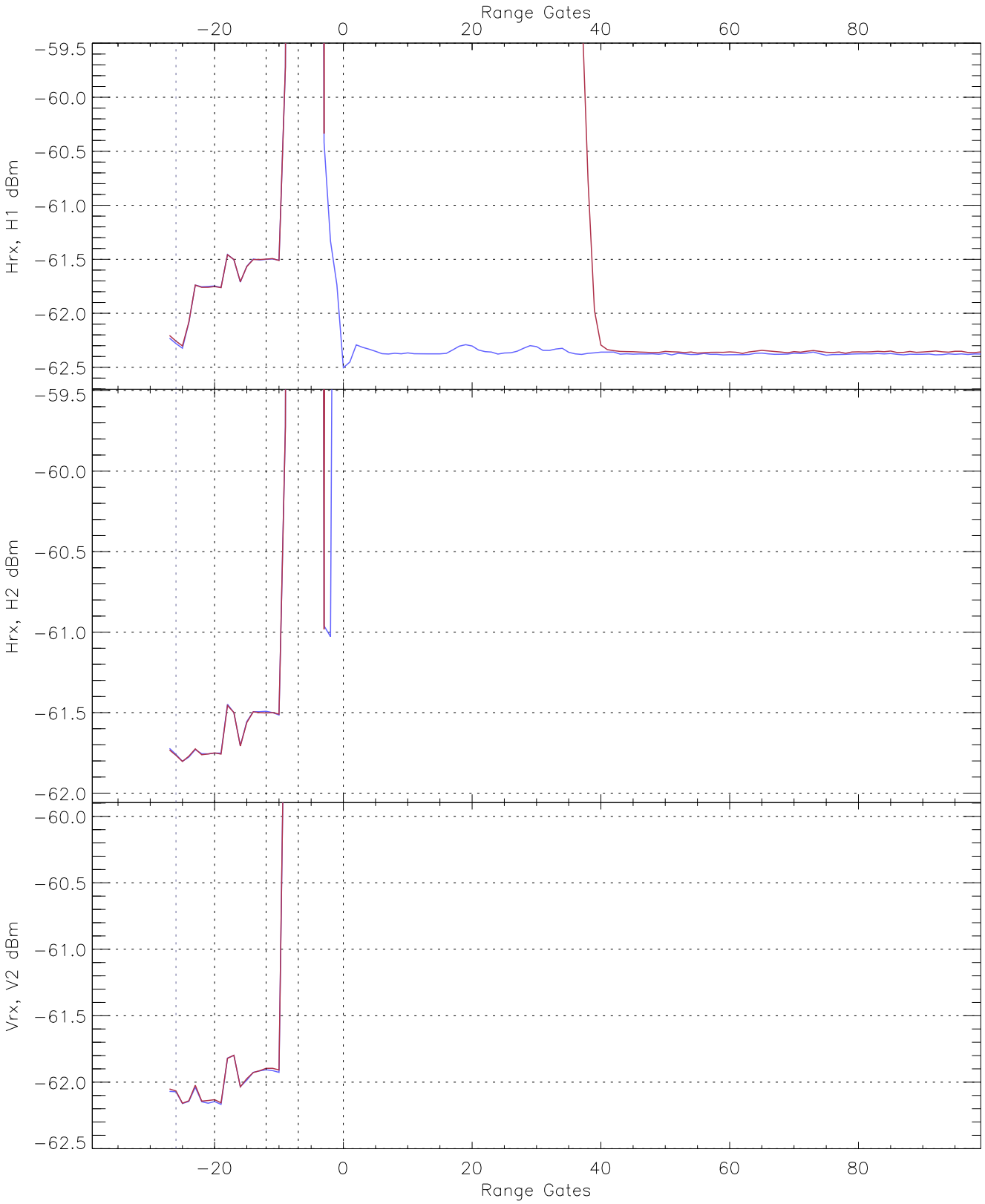


WCR2 CPP "Best" estimate Receivers Noise Power

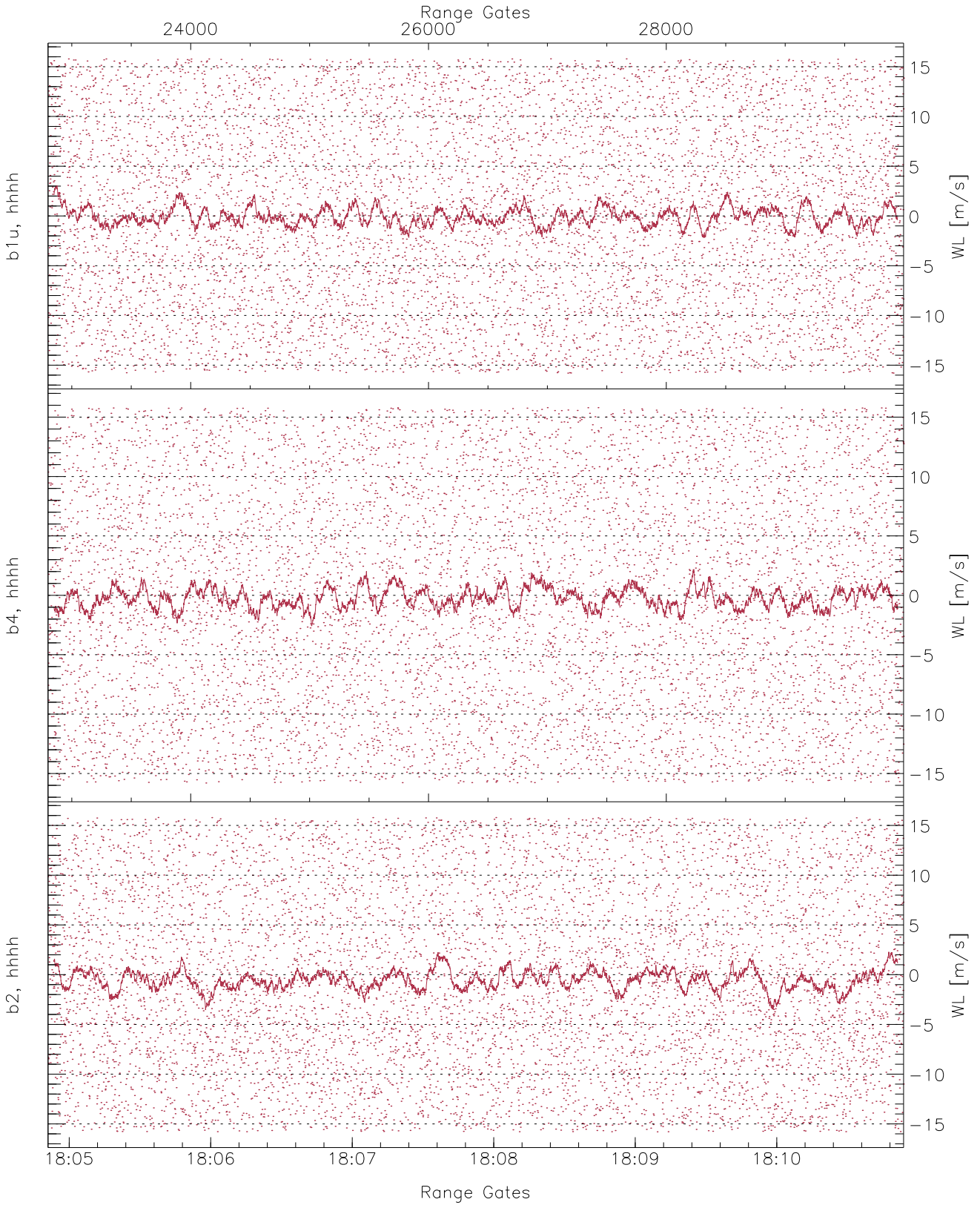
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-63.23	-61.58	-62.38	-62.38	-74.95
H2RG275_0 [dBm]	-62.79	-60.85	-61.86	-61.86	-74.46
V2RG274_0 [dBm]	-63.24	-61.29	-62.29	-62.30	-74.80



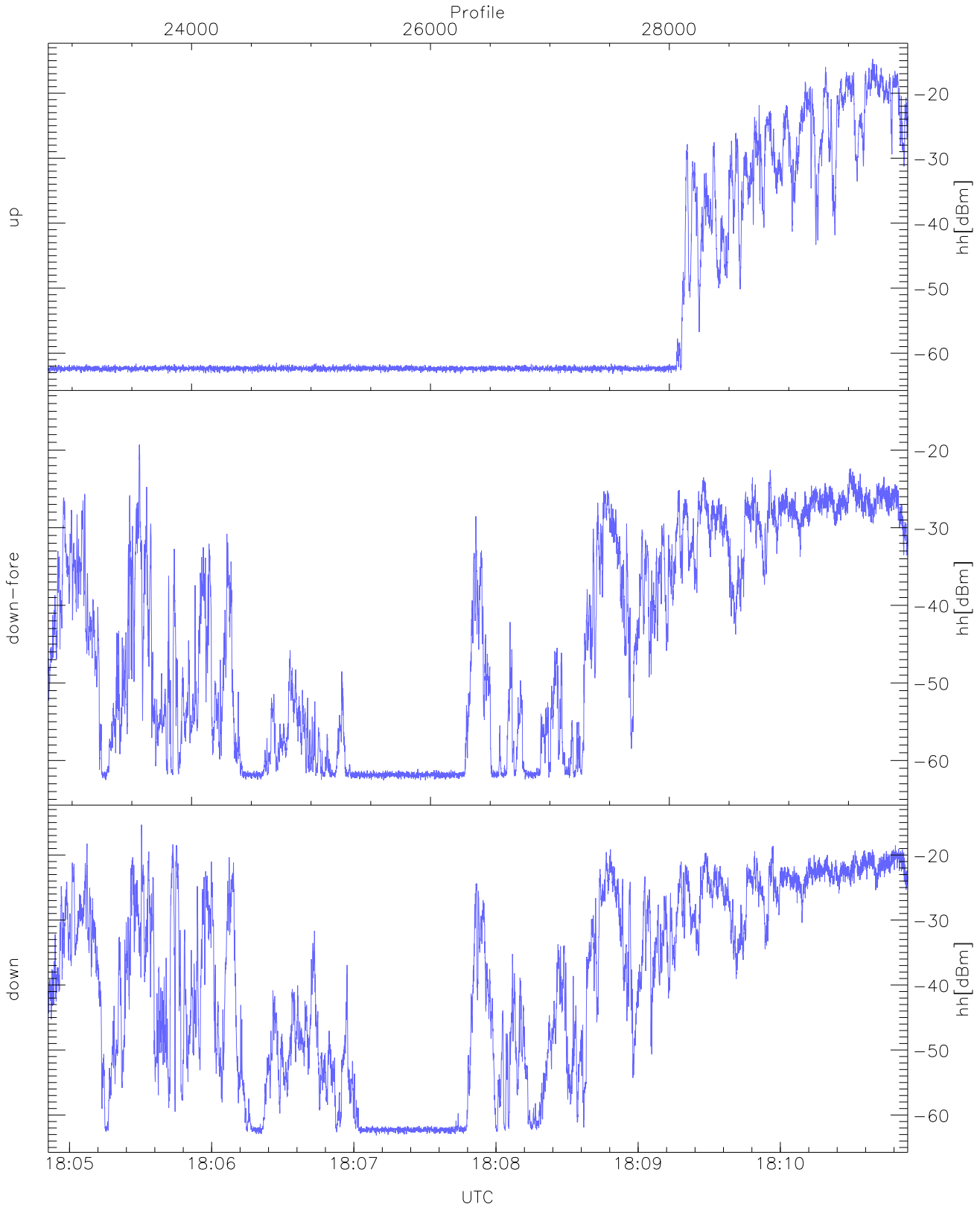
WCR2 CPP Averaged Received power for all recorded gates
blue: 180451-180752, 3599 profiles averaged
red: 180752-181054, 3599 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 180451-180752, 3599 profiles averaged
red: 180752-181054, 3599 profiles averaged

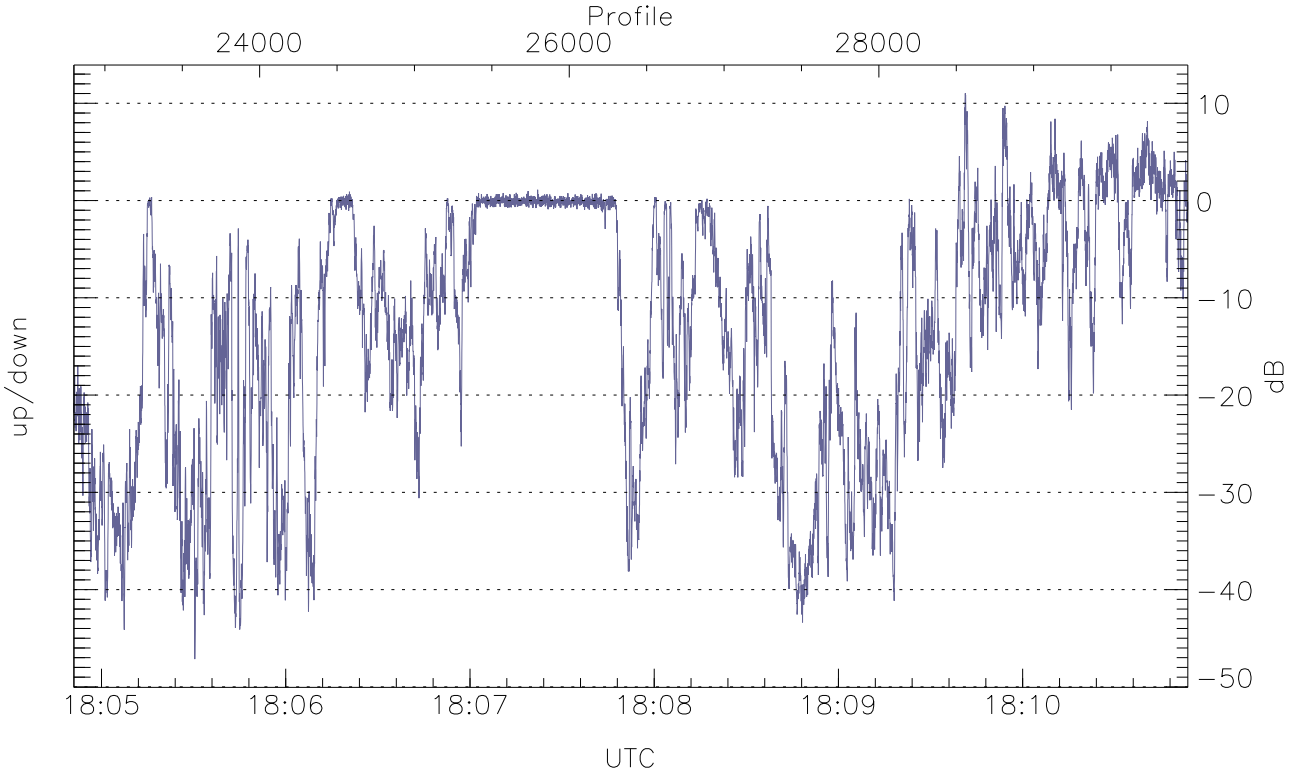


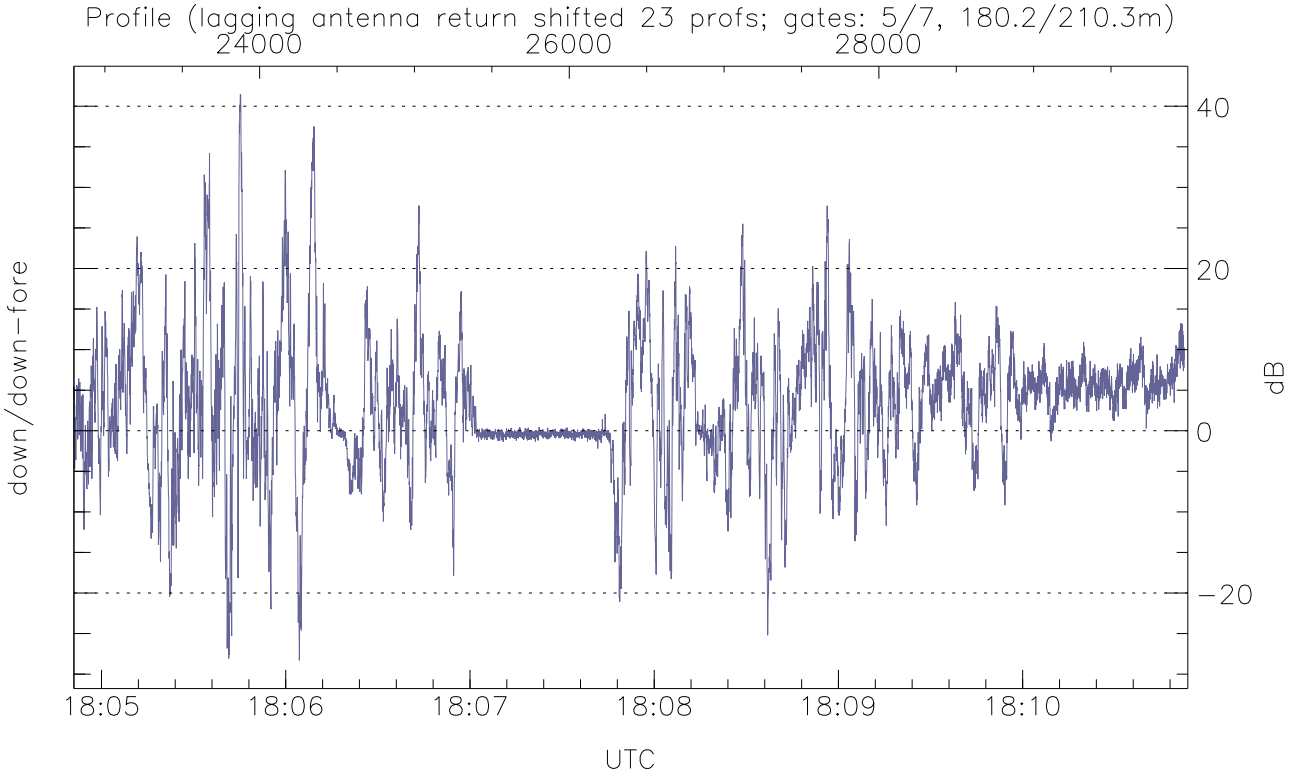
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

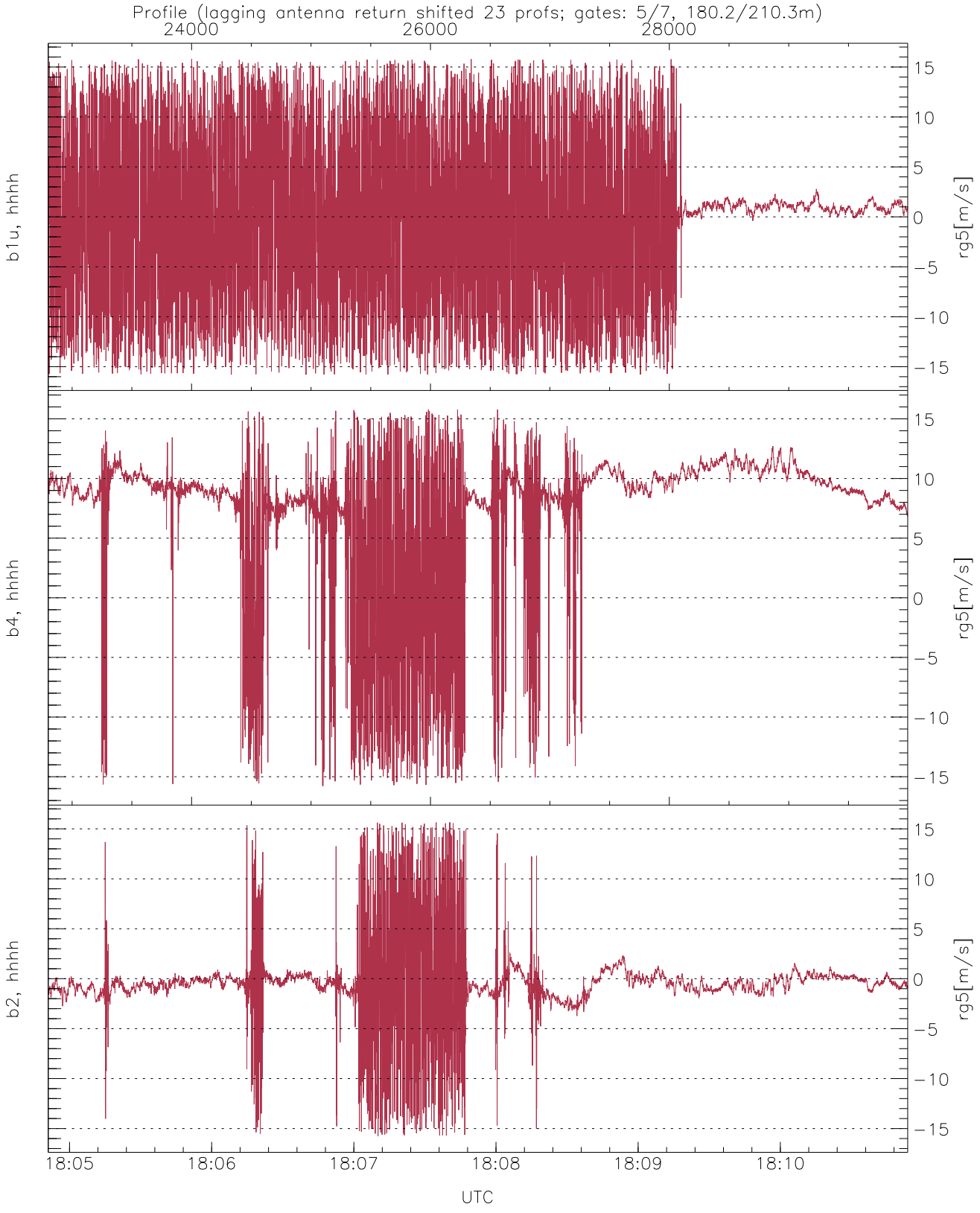
	Min	Max	Mean
up(hh[dBm])	-63.31	-14.74	-29.35
down-fore(hh[dBm])	-62.56	-19.27	-32.47
down(hh[dBm])	-63.13	-15.33	-27.72





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

	Min	Max	Mean
up/down(dB)	-47.14	11.02	-13.13
down/down-fore(dB)	-28.29	41.45	3.30



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.05	7.60
b4, hhhh(rg5[m/s])	-15.80	15.79	7.30	5.86
b2, hhhh(rg5[m/s])	-15.75	15.66	-0.42	3.47