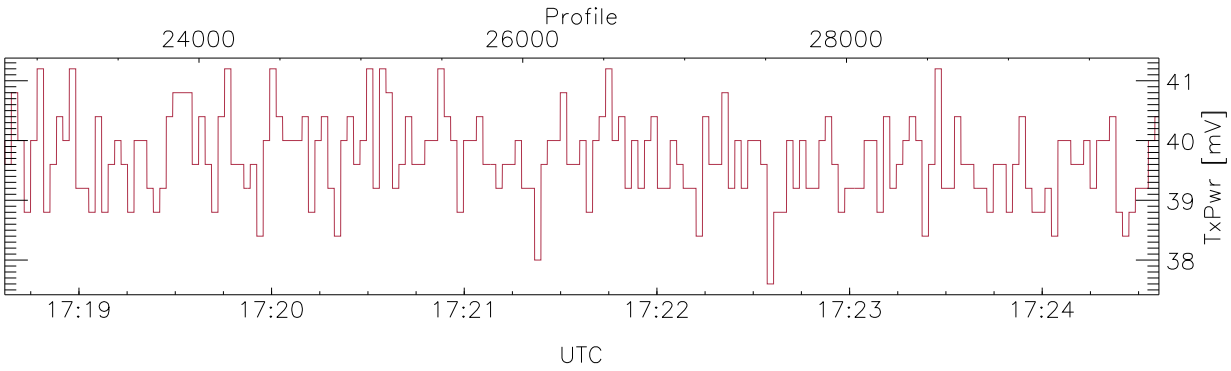
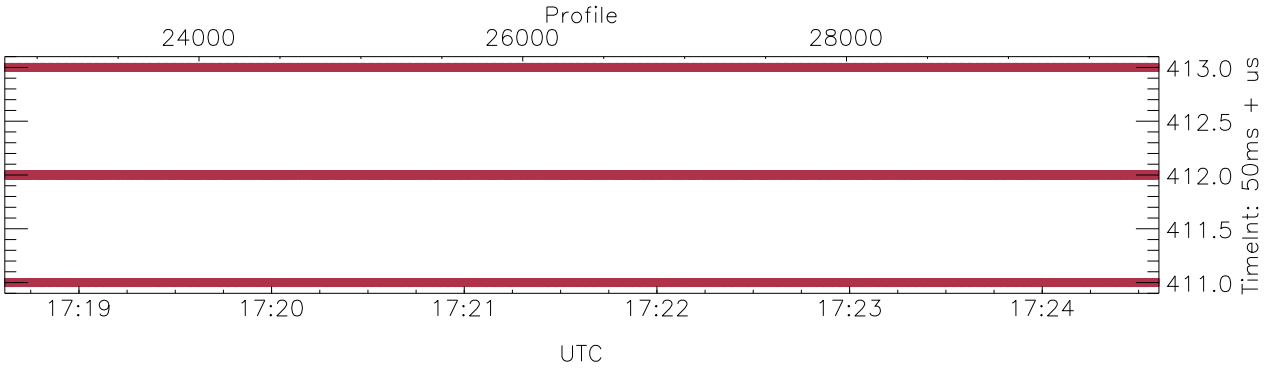
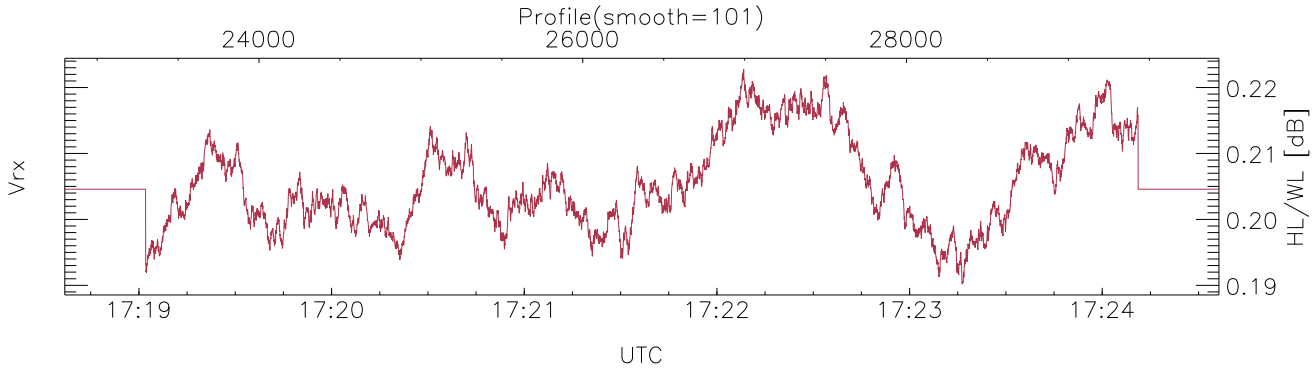
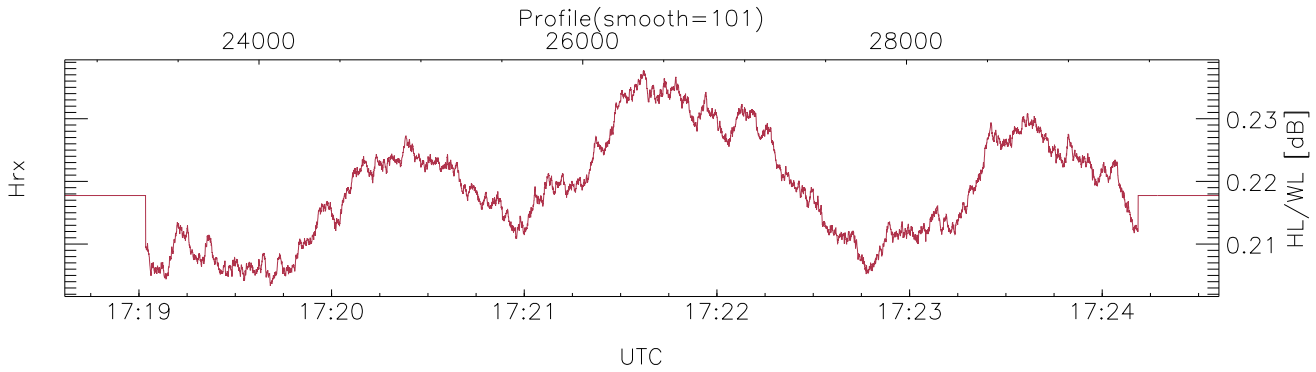


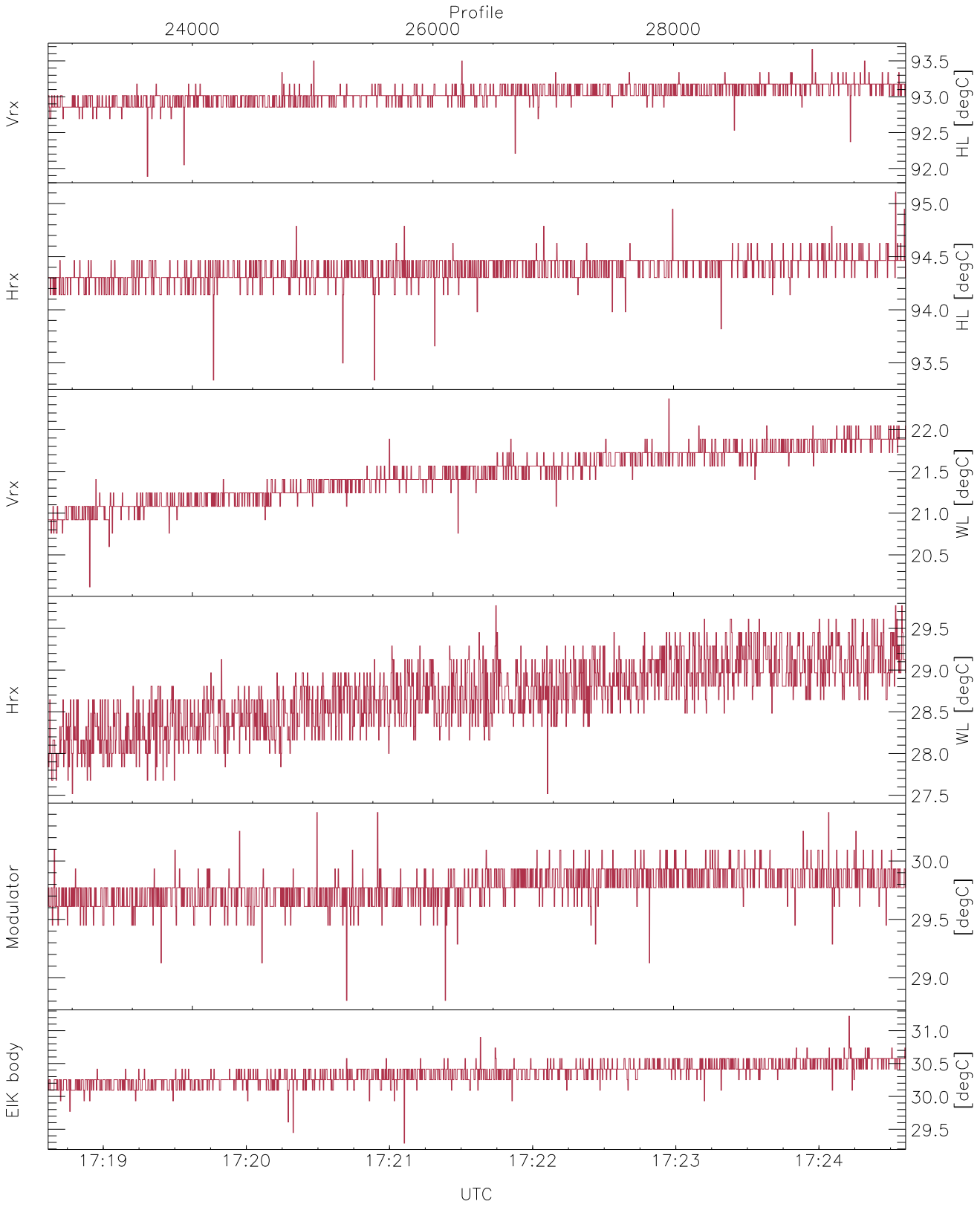






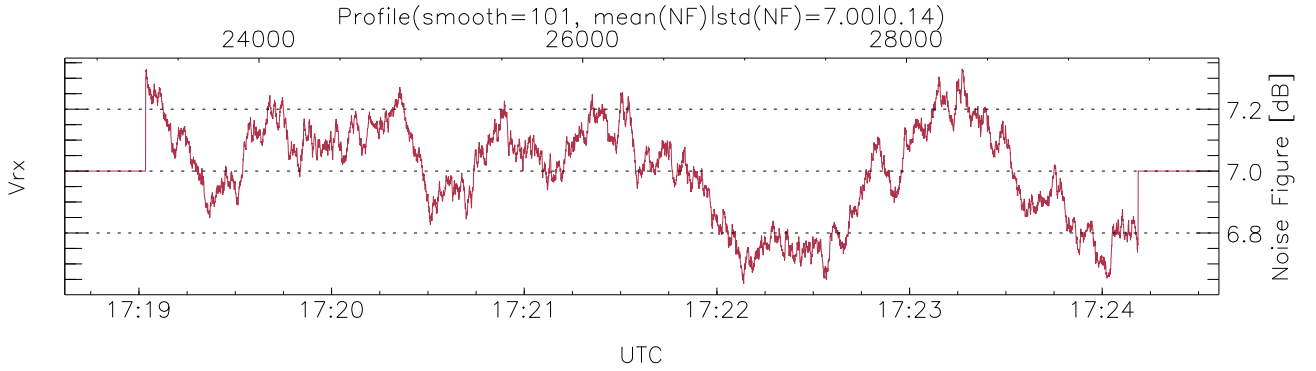
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

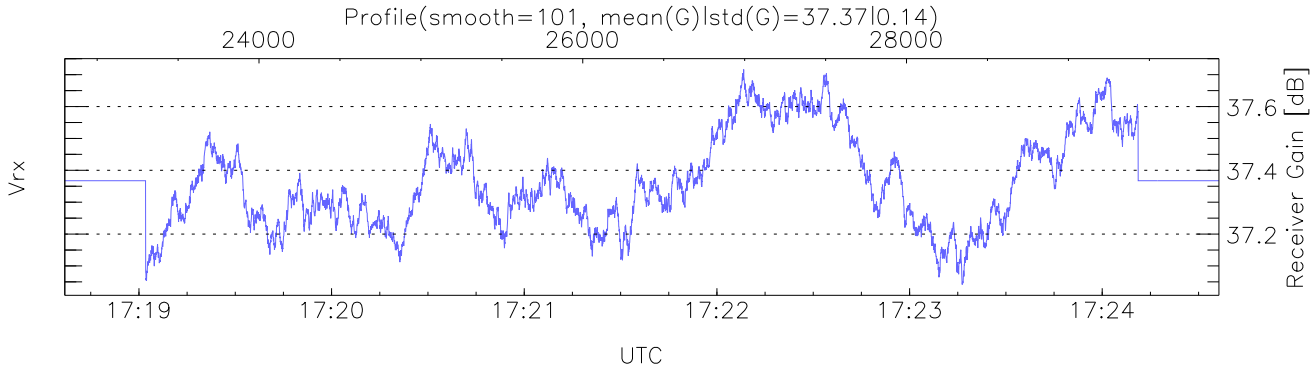
UTC: 16:59:27-17:24:36, Dur: 1508.85s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 7131/29931, 22800-29930/17:18:37-17:24:36
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

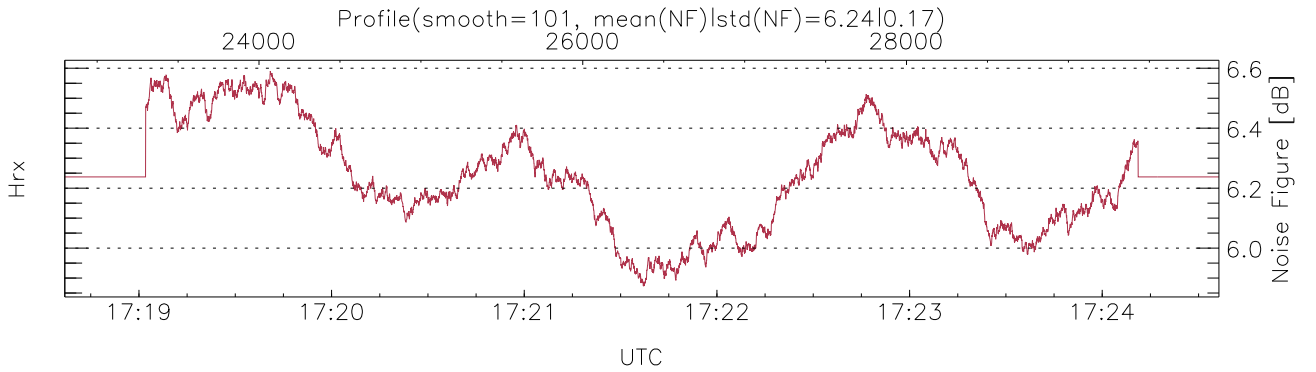


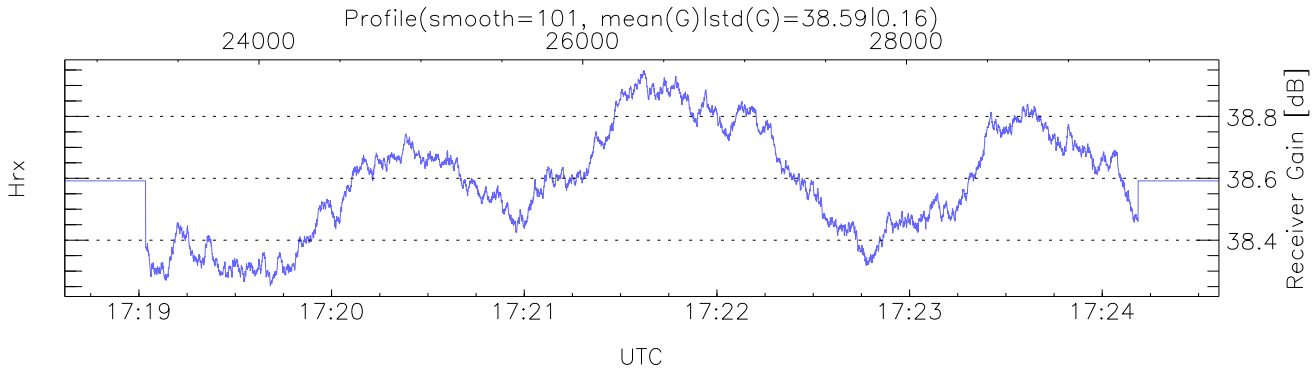
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,27,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,29,30,31
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)



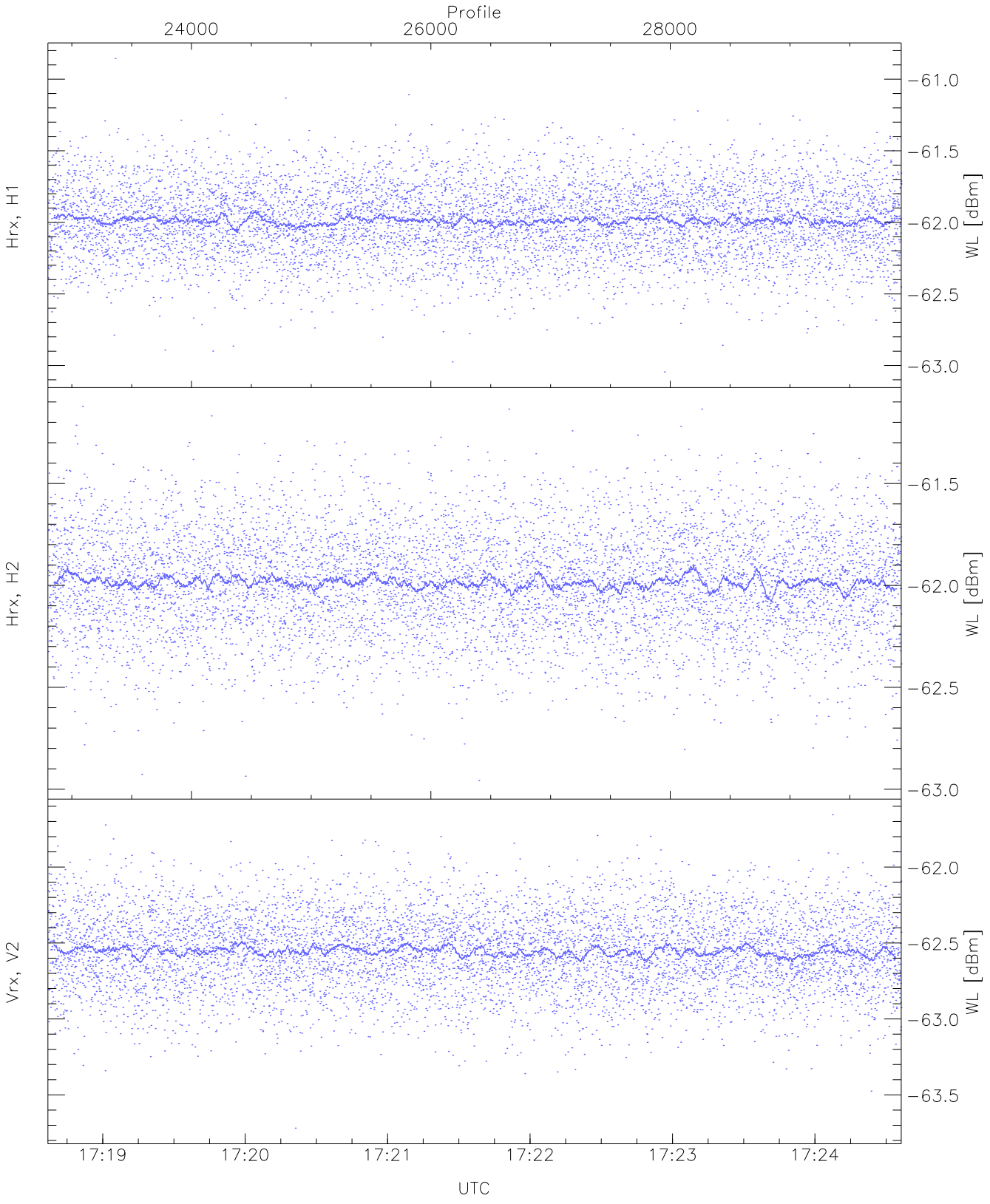






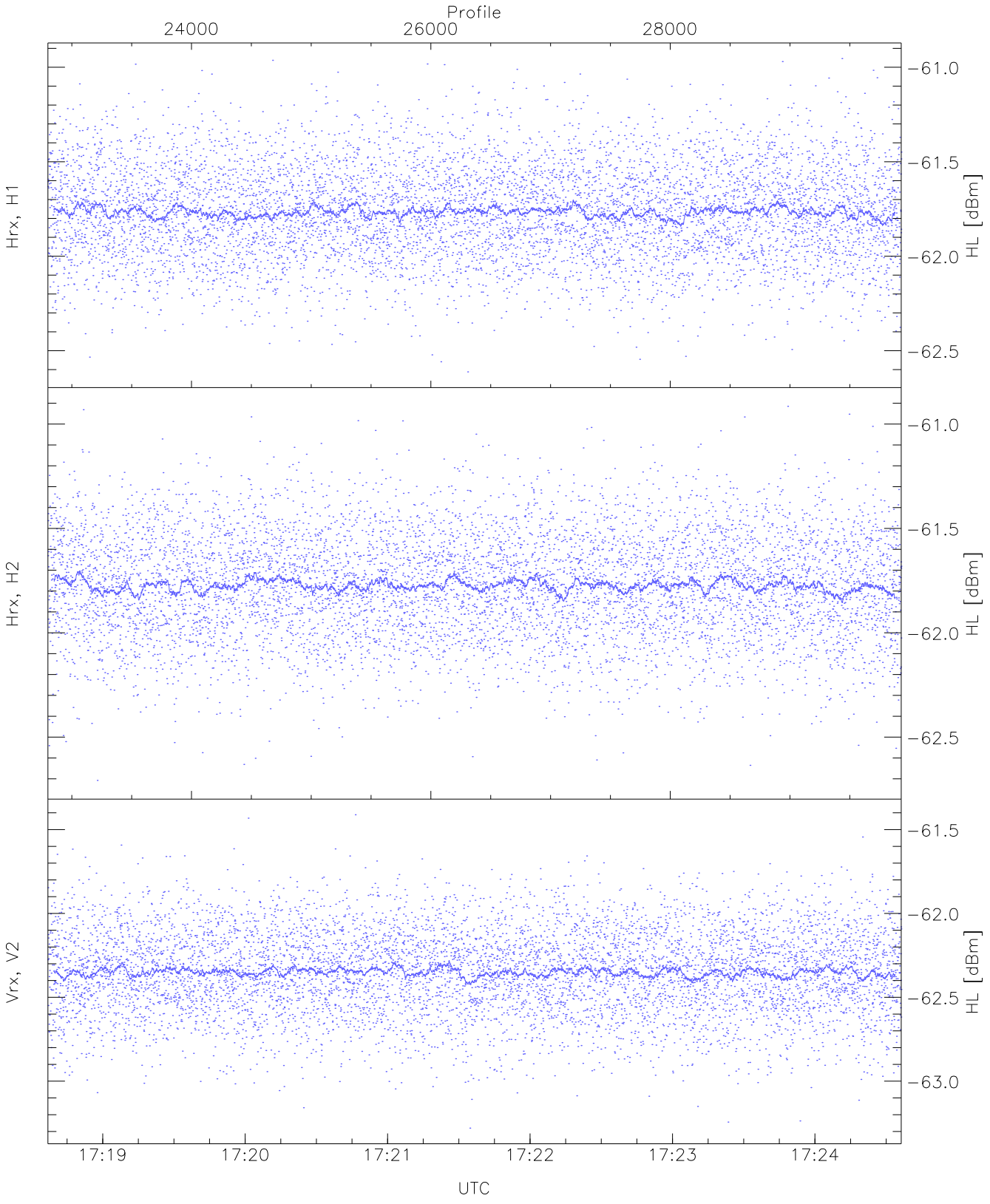
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3840 pixs, 15 gates, 3780 profs, 1 prods



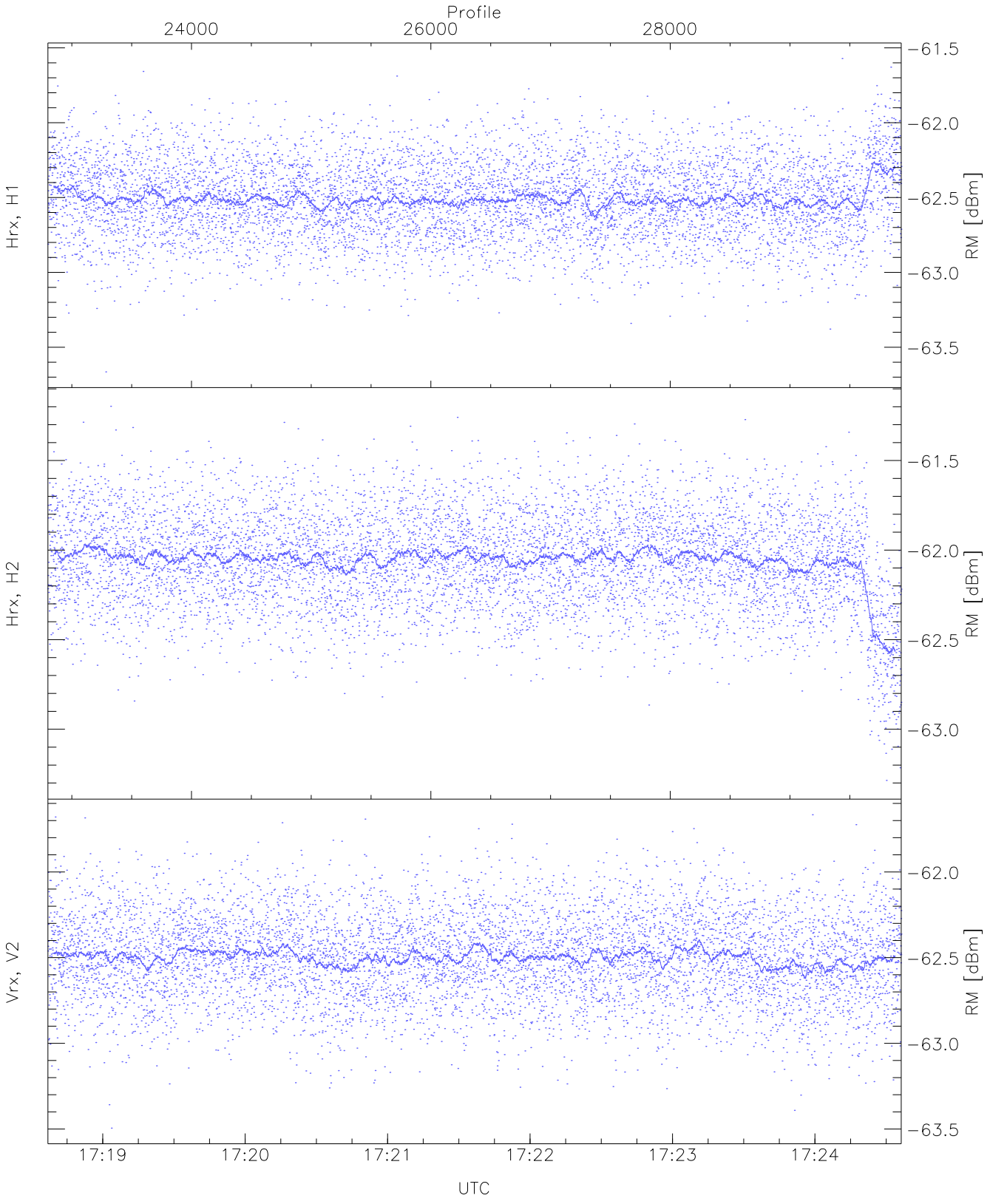
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.04	-60.86	-61.98	-61.99	-74.51
Hrx, H2(WL [dBm])	-62.96	-61.12	-61.98	-61.99	-74.57
Vrx, V2(WL [dBm])	-63.72	-61.66	-62.55	-62.55	-75.11



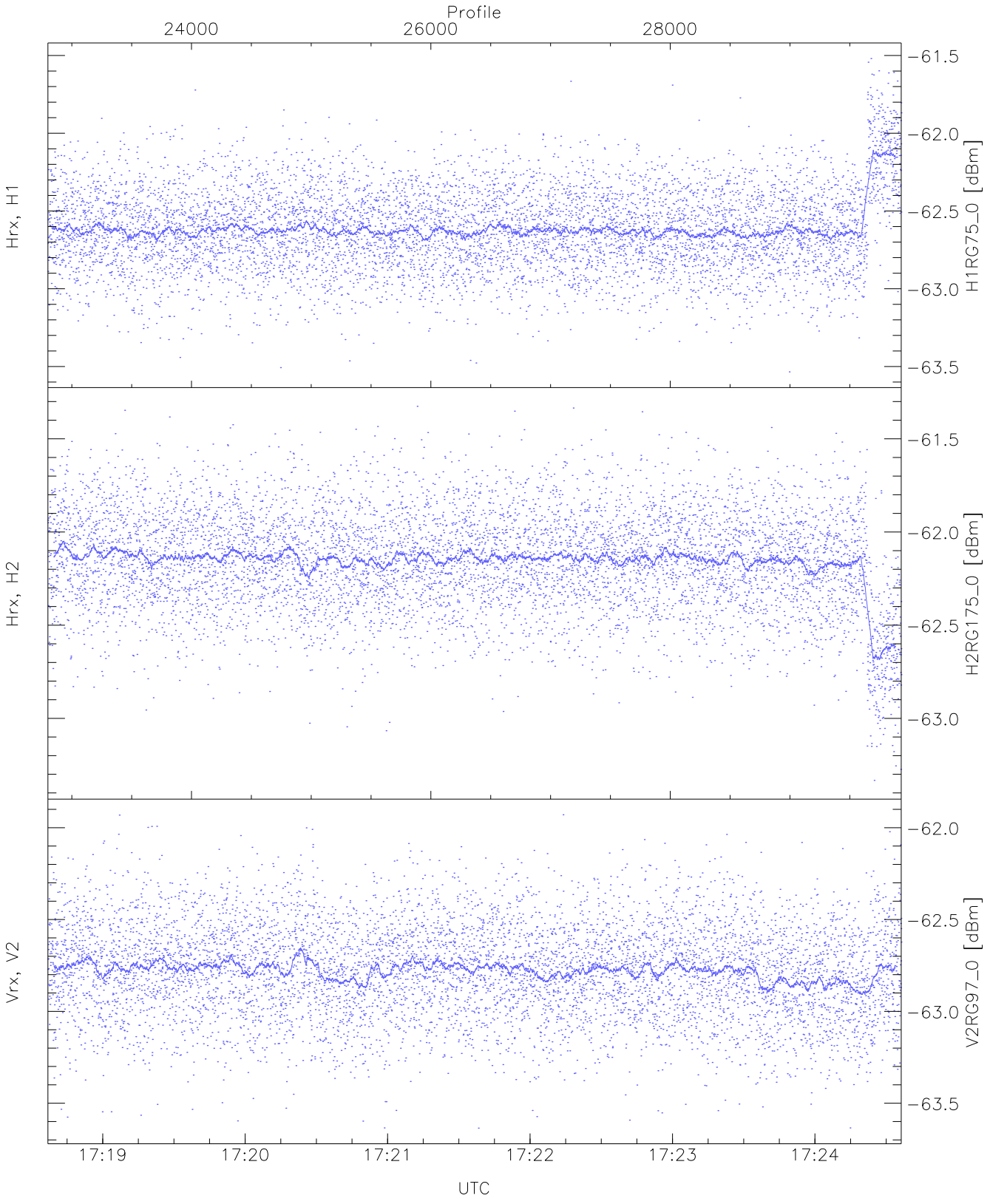
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.61	-60.95	-61.76	-61.77	-74.35
Hrx, H2(HL [dBm])	-62.71	-60.91	-61.77	-61.77	-74.34
Vrx, V2(HL [dBm])	-63.28	-61.41	-62.35	-62.35	-74.89



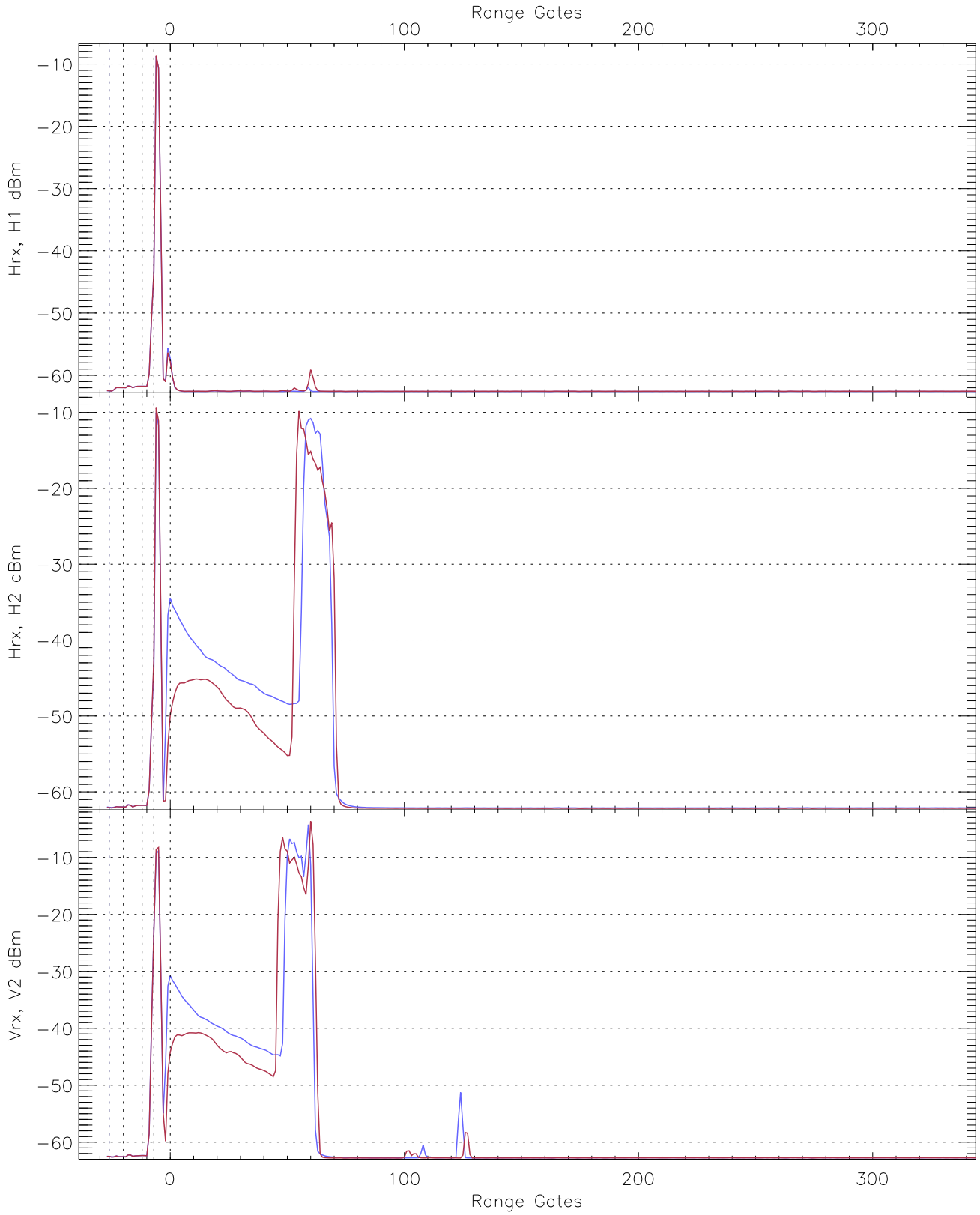
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.66	-61.57	-62.50	-62.51	-74.98
Hrx, H2(RM [dBm])	-63.29	-61.20	-62.06	-62.05	-74.34
Vrx, V2(RM [dBm])	-63.49	-61.67	-62.49	-62.50	-75.04

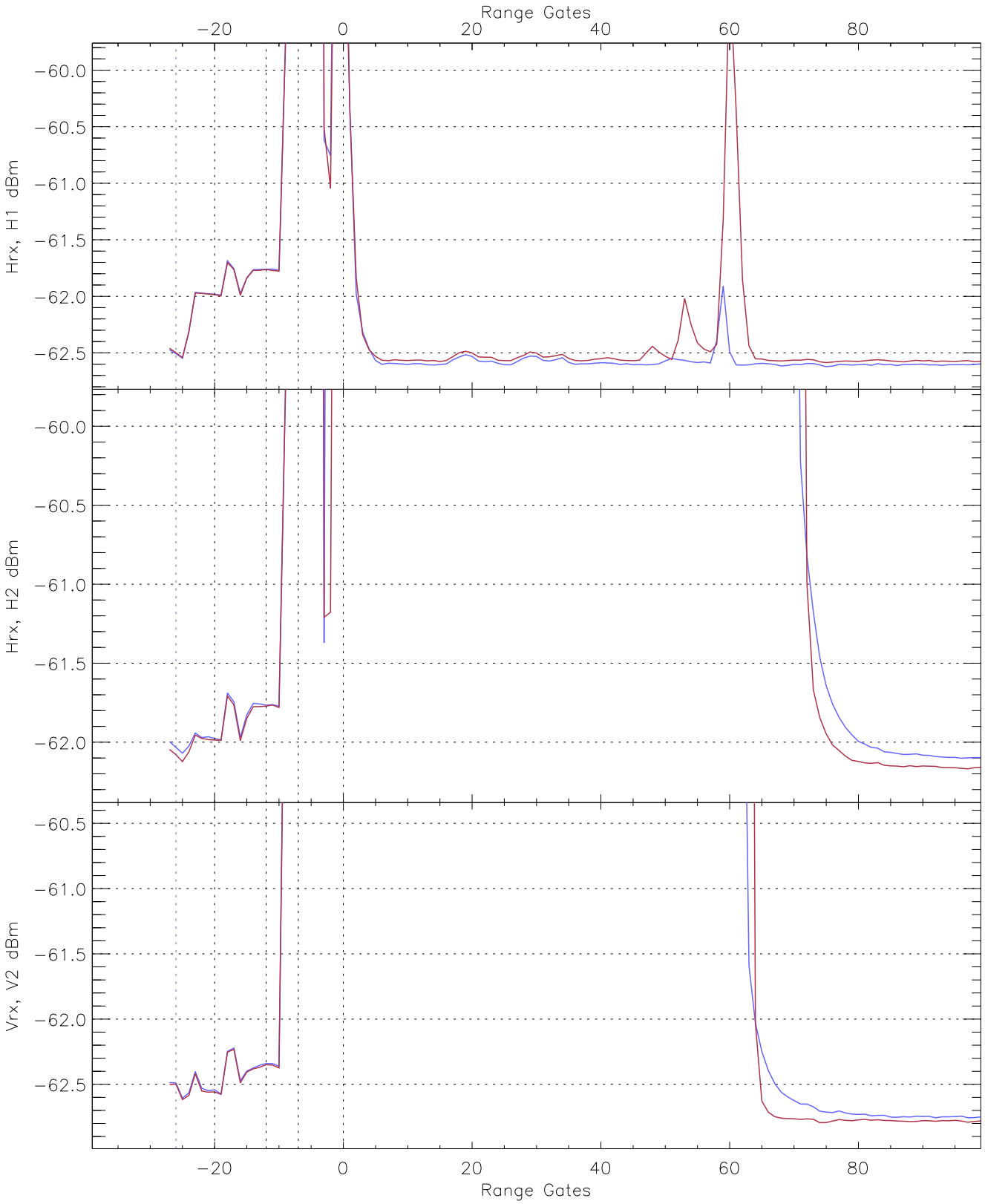


WCR2 CPP "Best" estimate Receivers Noise Power

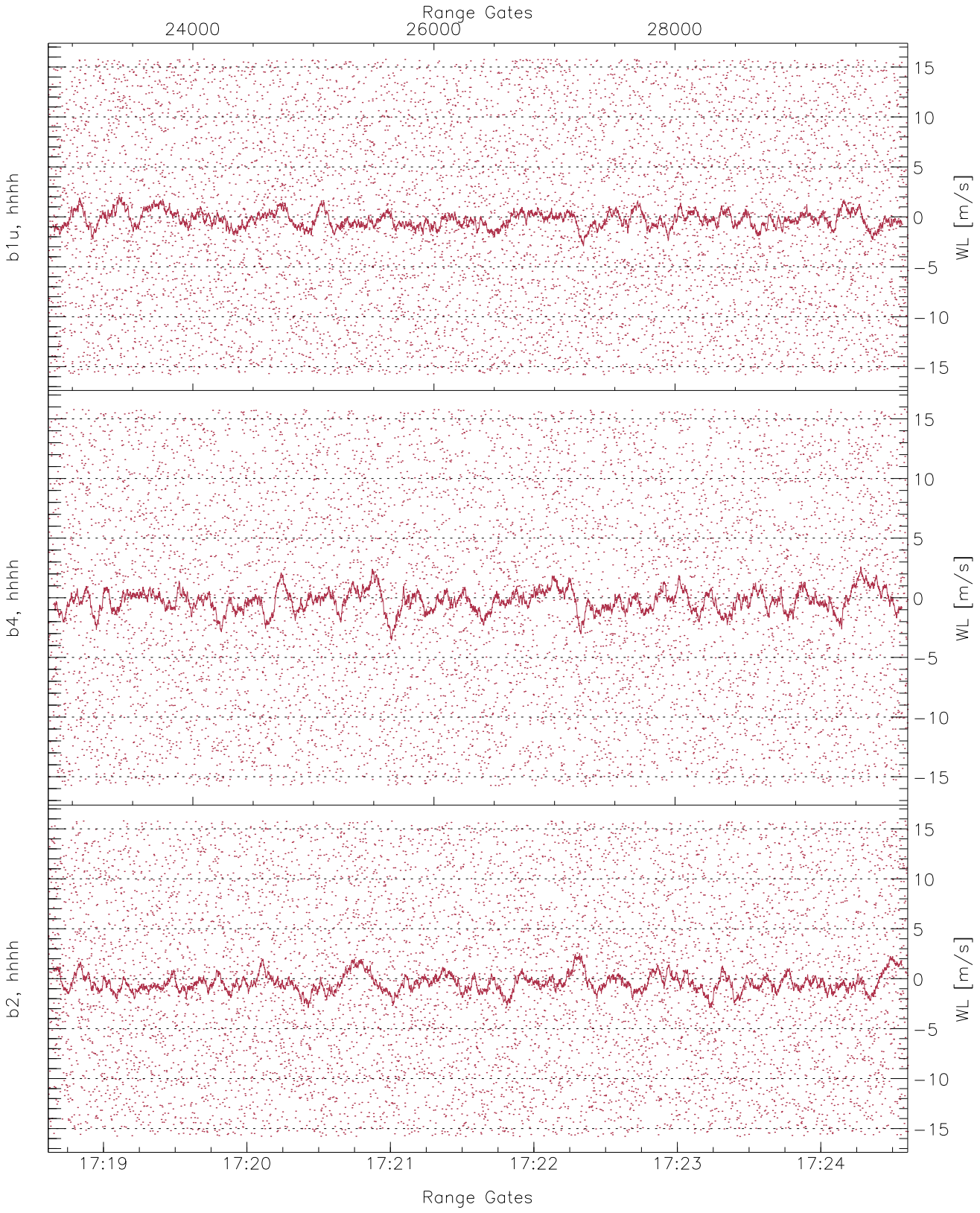
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.53	-61.52	-62.60	-62.62	-74.81
H2RG175_0 [dBm]	-63.33	-61.33	-62.15	-62.15	-74.37
V2RG97_0 [dBm]	-63.64	-61.93	-62.77	-62.78	-75.23



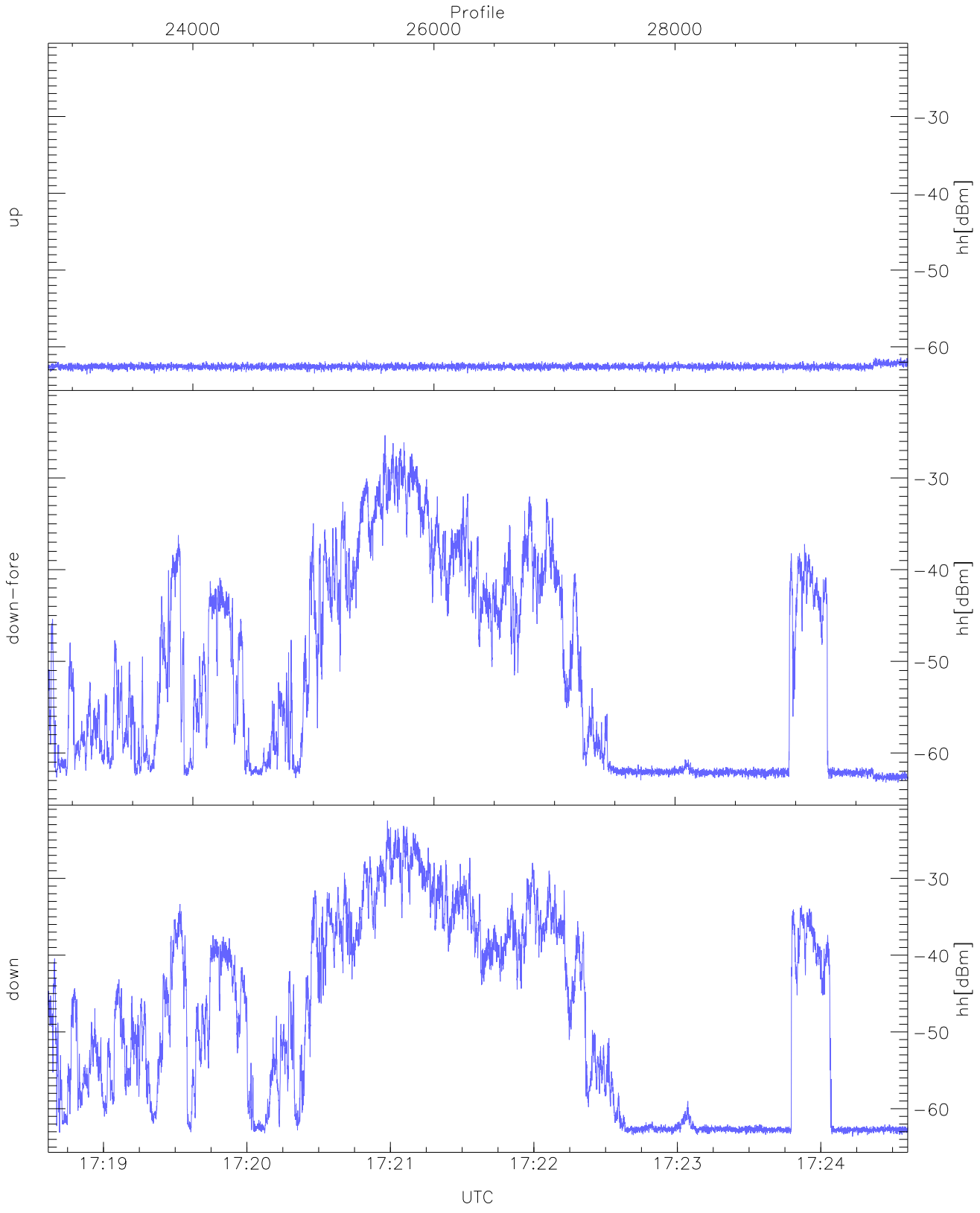
WCR2 CPP Averaged Received power for all recorded gates
blue: 171837-172137, 3566 profiles averaged
red: 172137-172436, 3566 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 171837-172137, 3566 profiles averaged
red: 172137-172436, 3566 profiles averaged

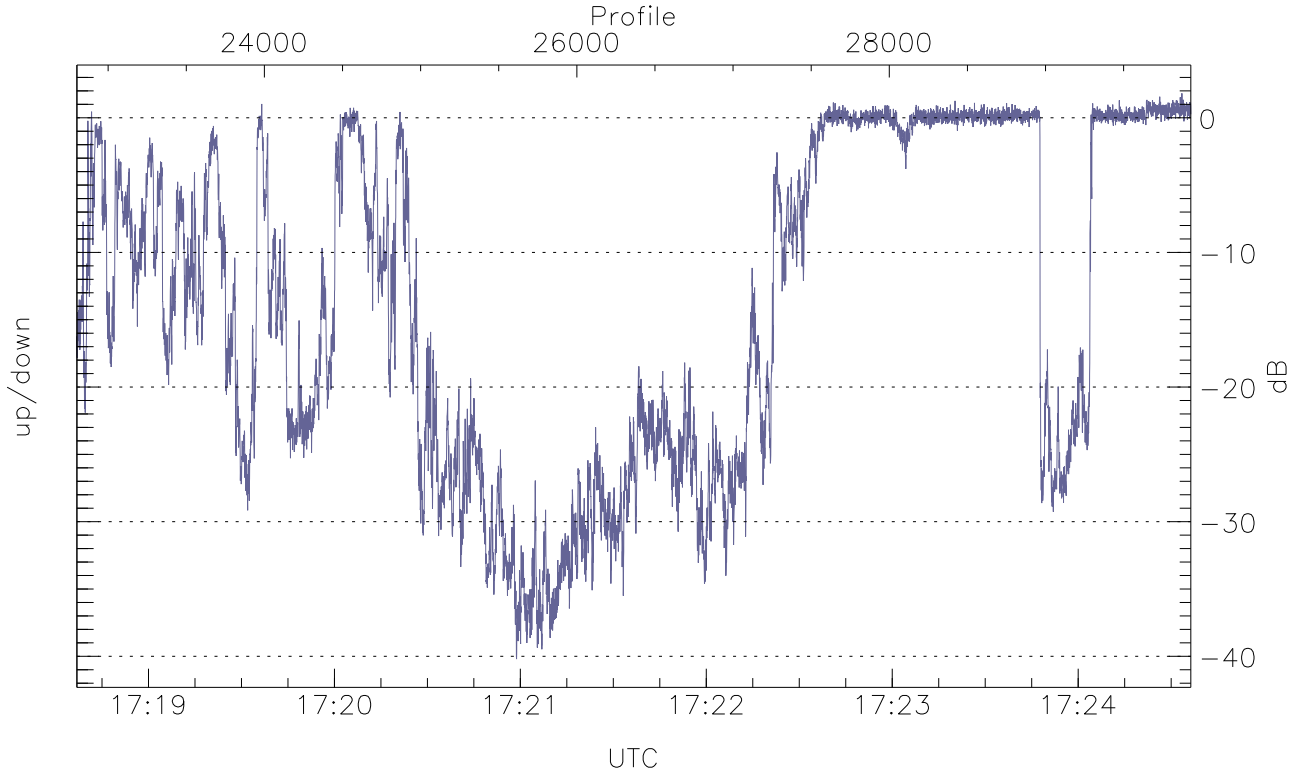


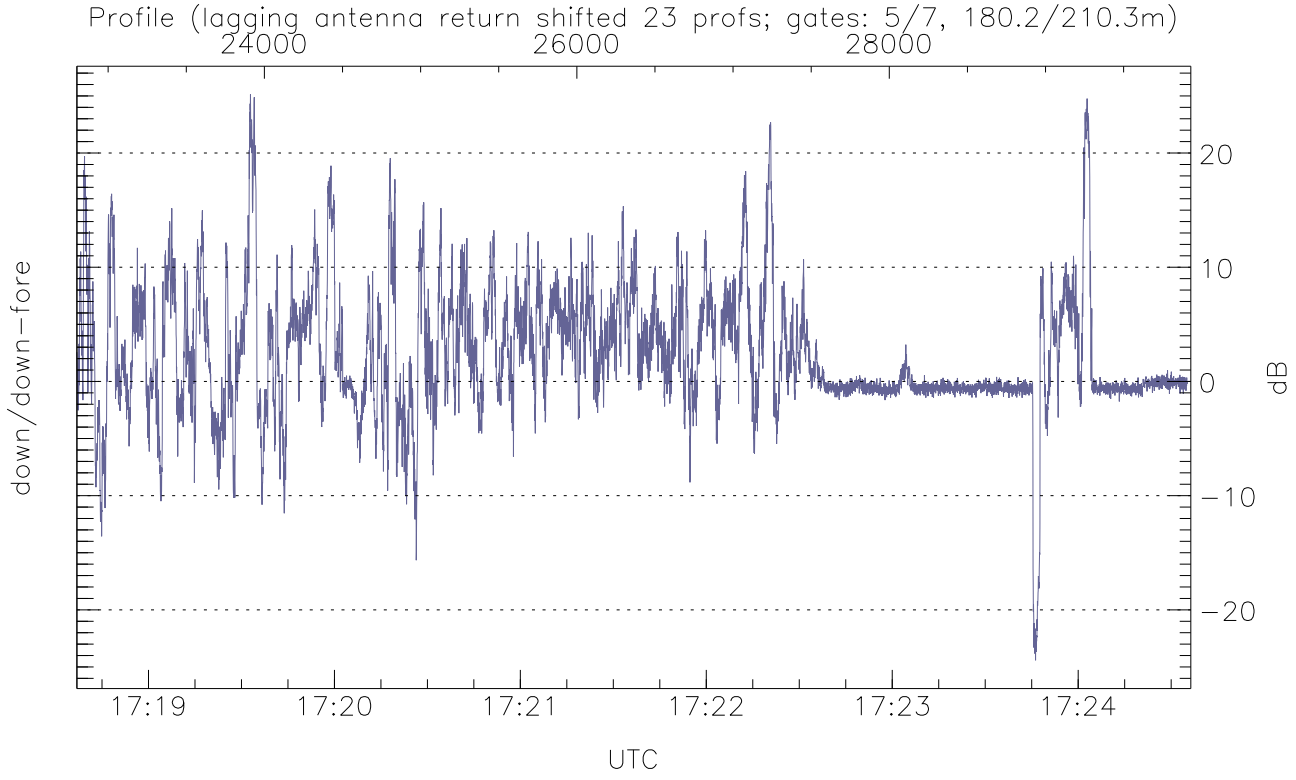
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

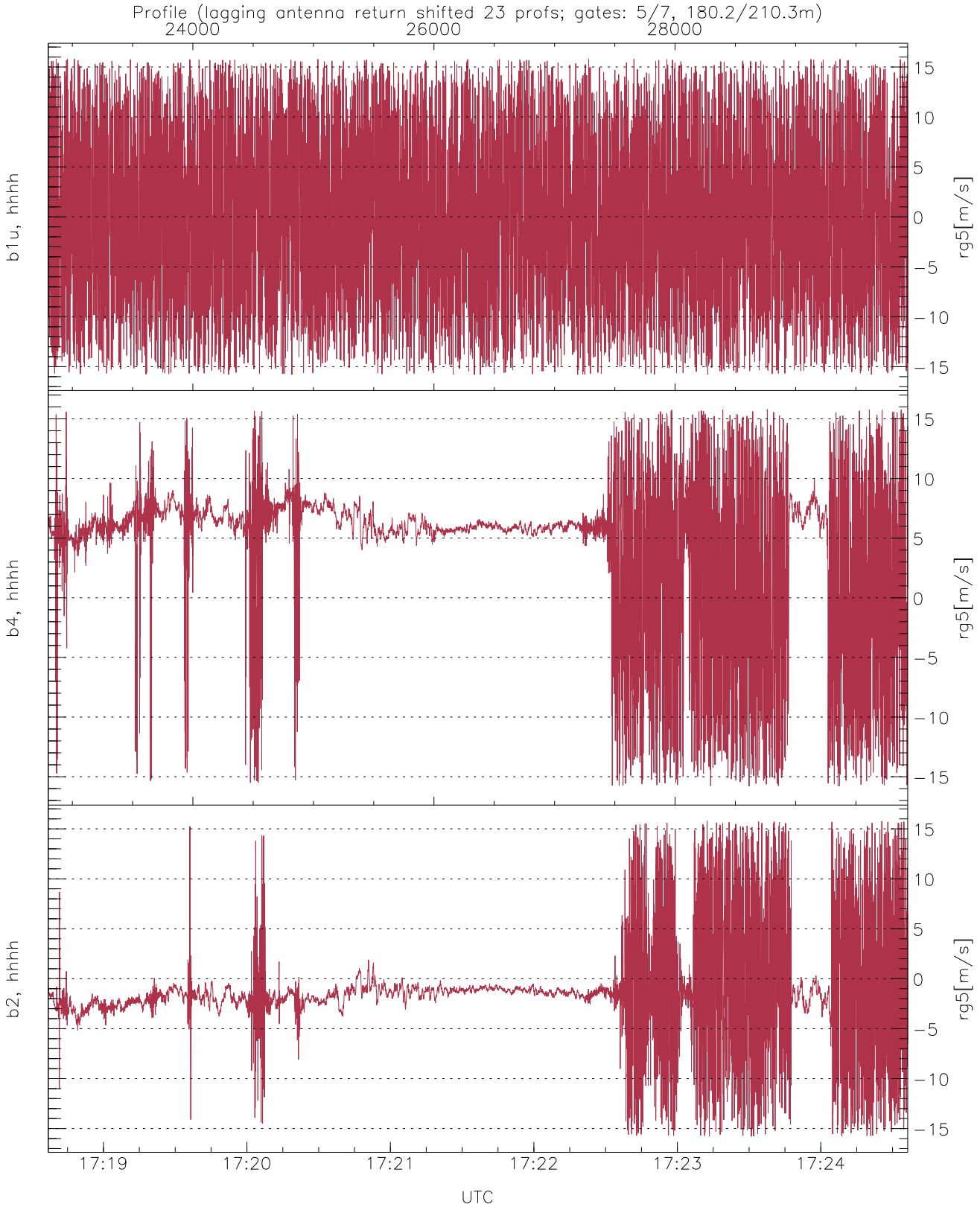
	Min	Max	Mean
up(hh[dBm])	-63.56	-61.39	-62.55
down-fore(hh[dBm])	-63.24	-25.34	-40.18
down(hh[dBm])	-63.63	-22.51	-36.59





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

	Min	Max	Mean
up/down(dB)	-40.21	1.82	-13.56
down/down-fore(dB)	-24.41	25.13	2.42



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.00	8.73
b4, hhhh(rg5[m/s])	-15.80	15.80	4.36	5.92
b2, hhhh(rg5[m/s])	-15.79	15.78	-1.33	4.72