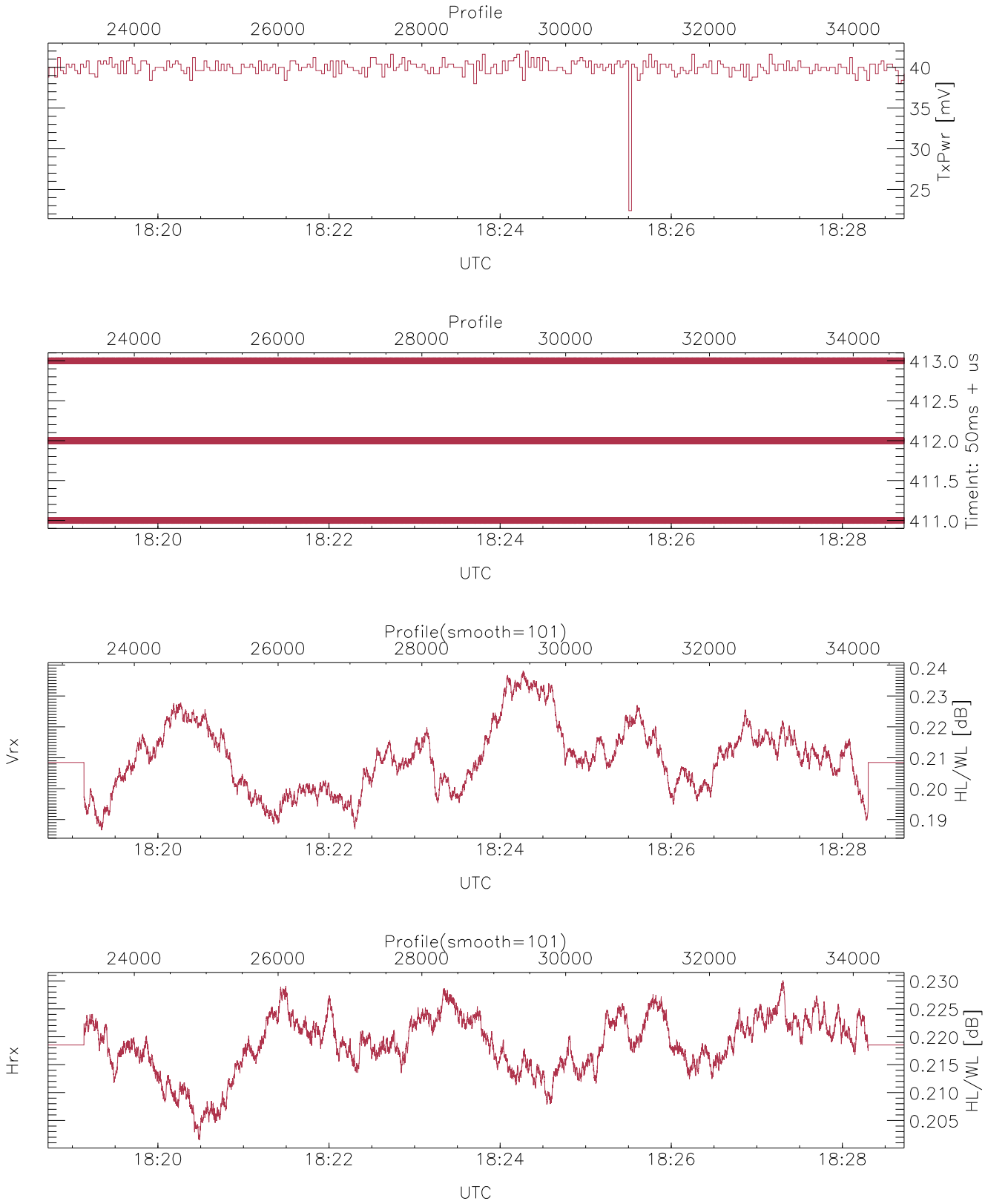
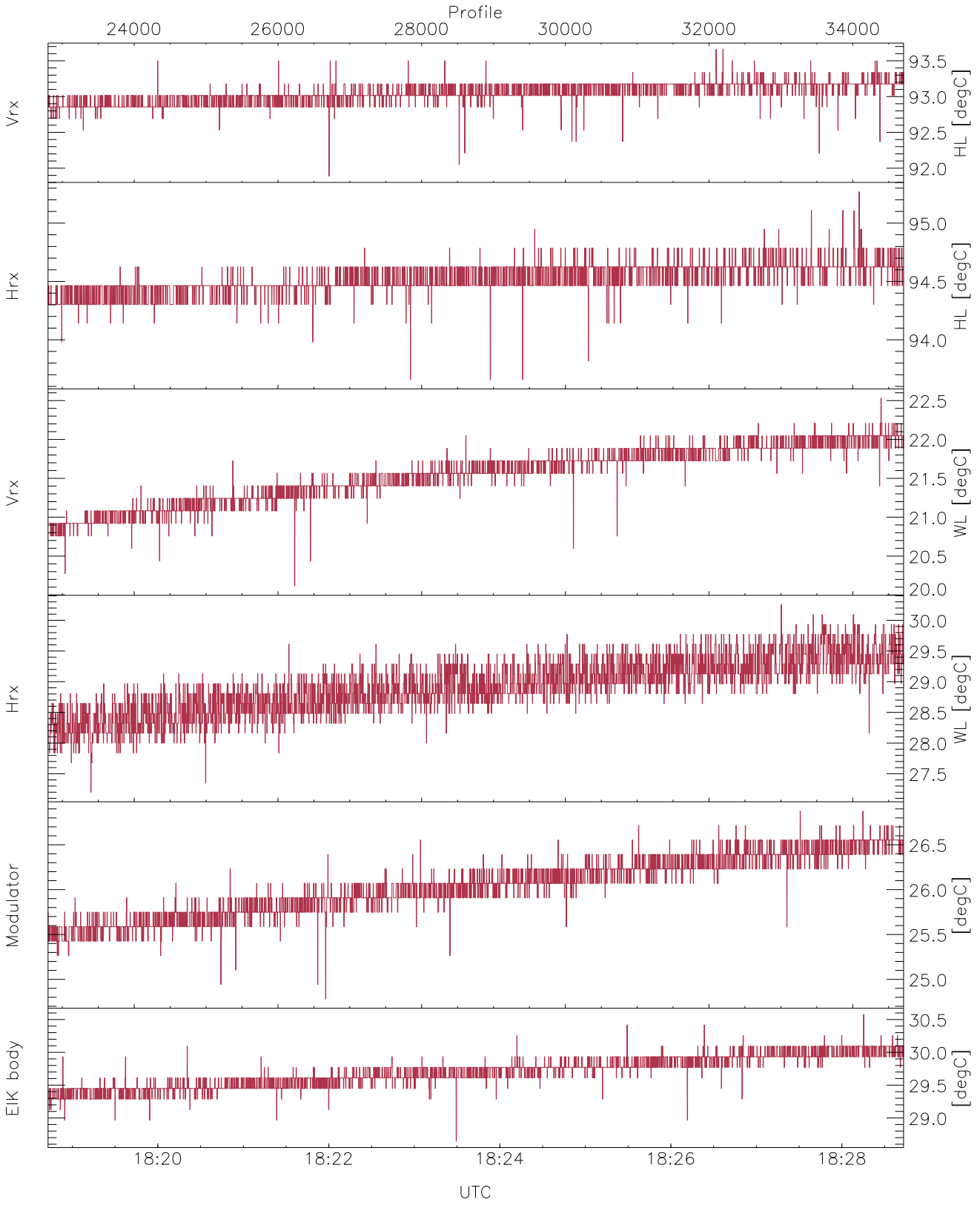


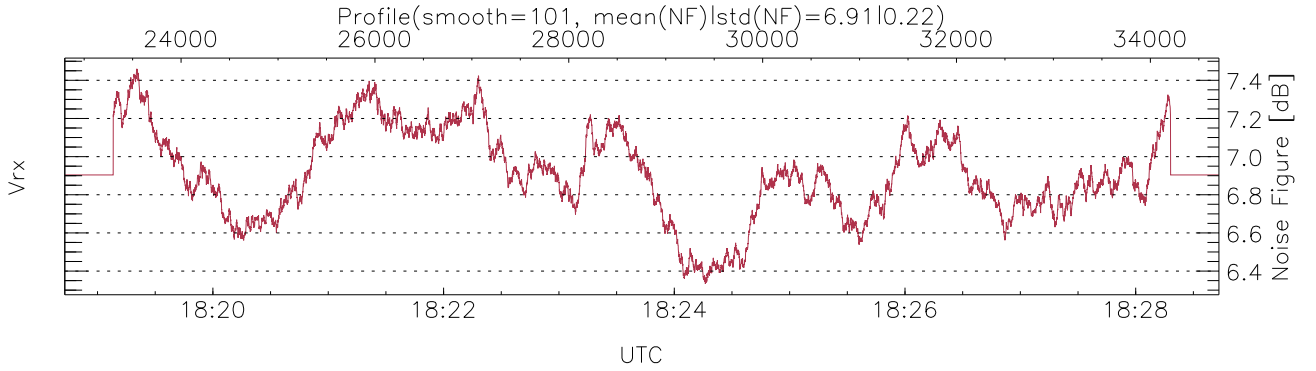
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

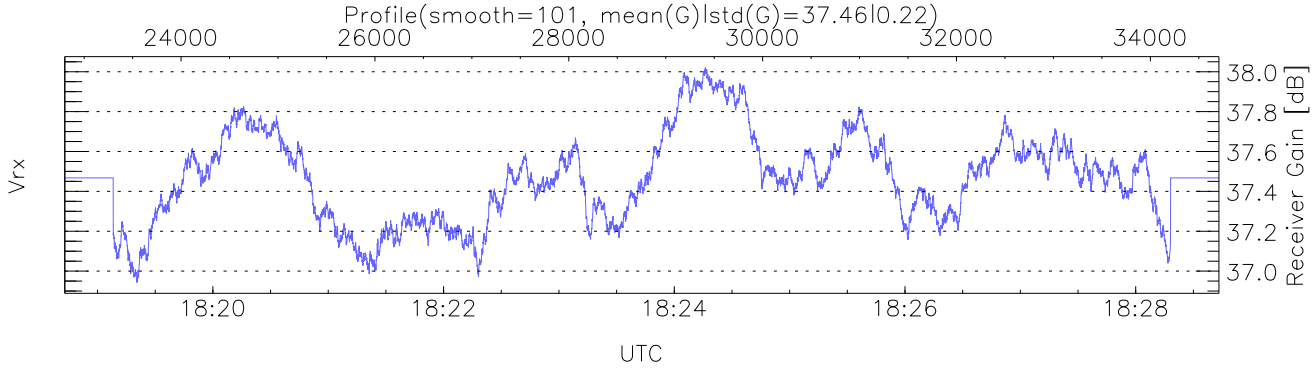
UTC: 17:59:34-18:28:43, Dur: 1749.72s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 11909/34709, 22800-34708/18:18:43-18:28:43
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

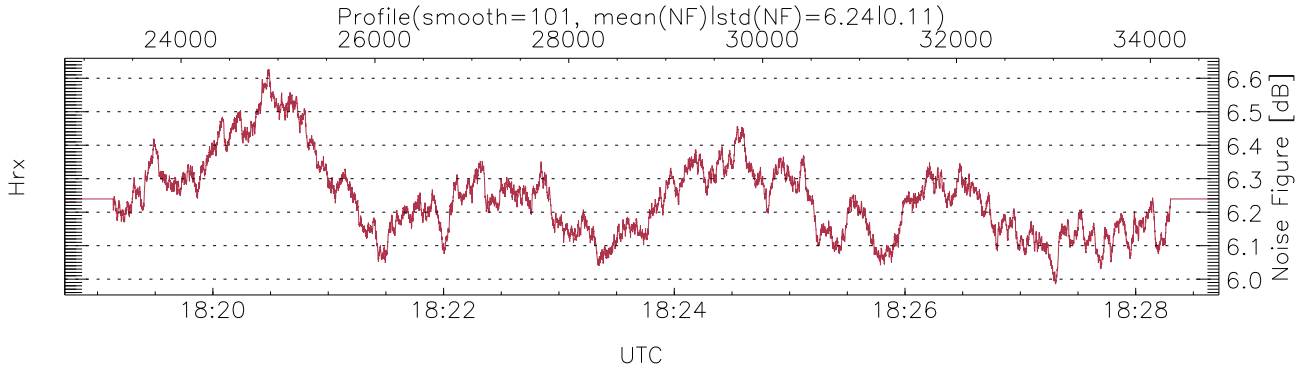


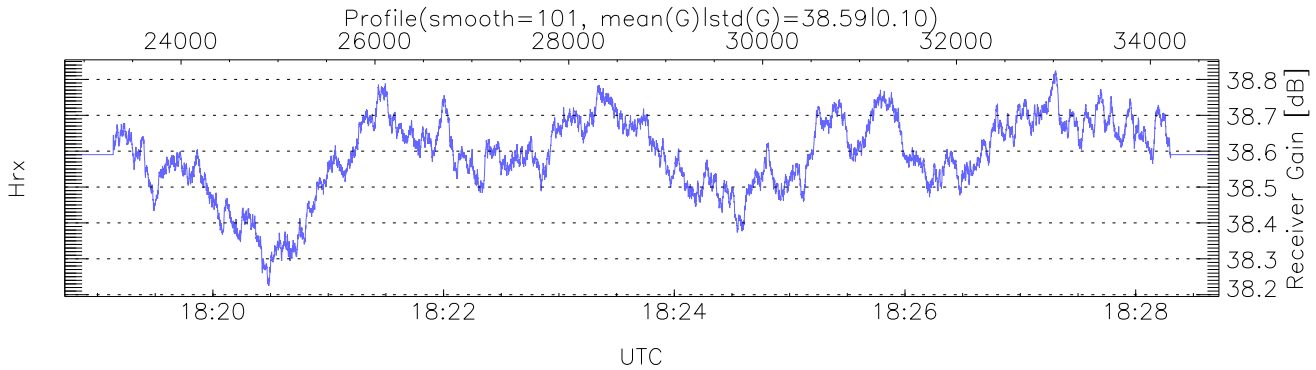
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,27,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,26,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,15)



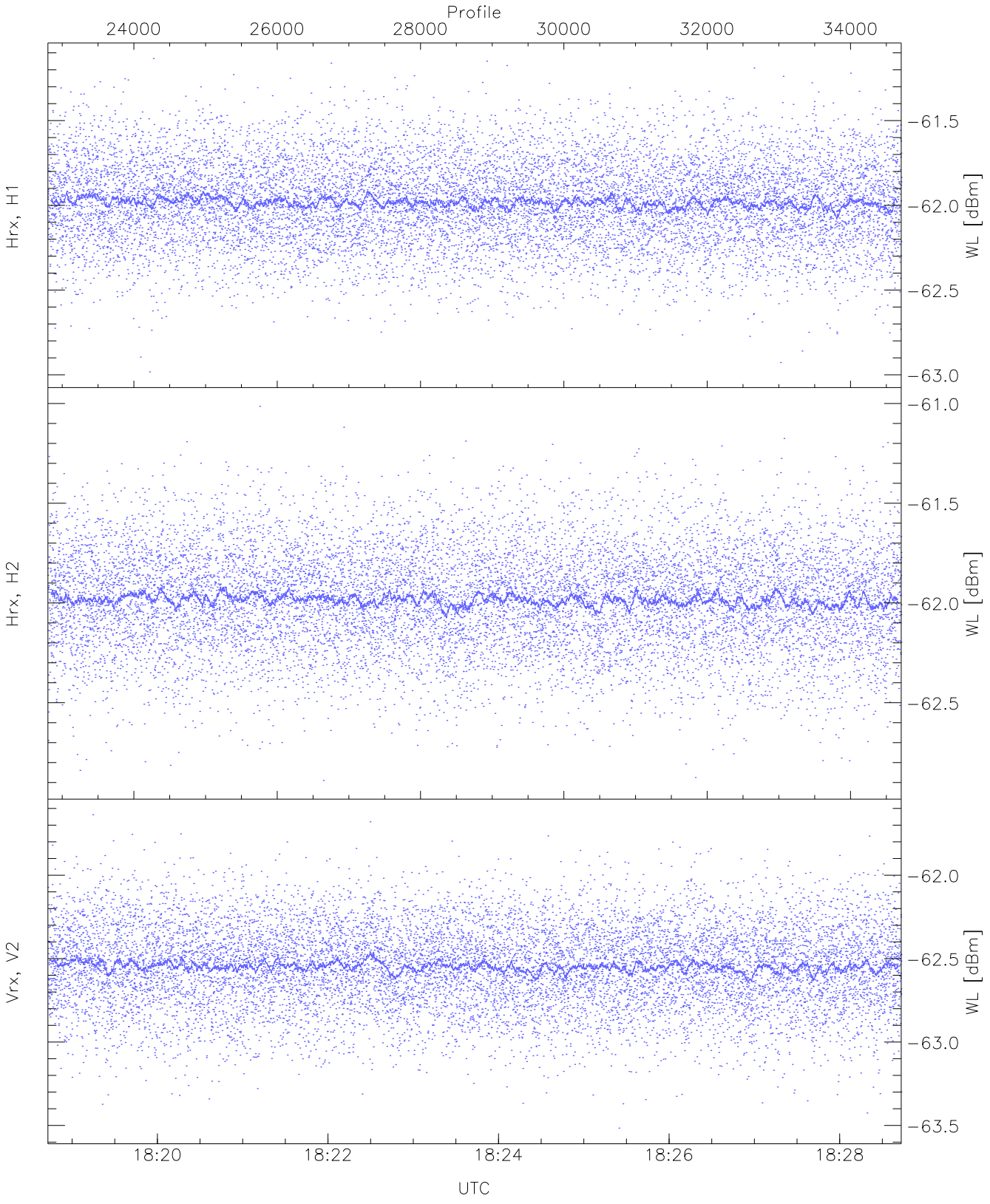






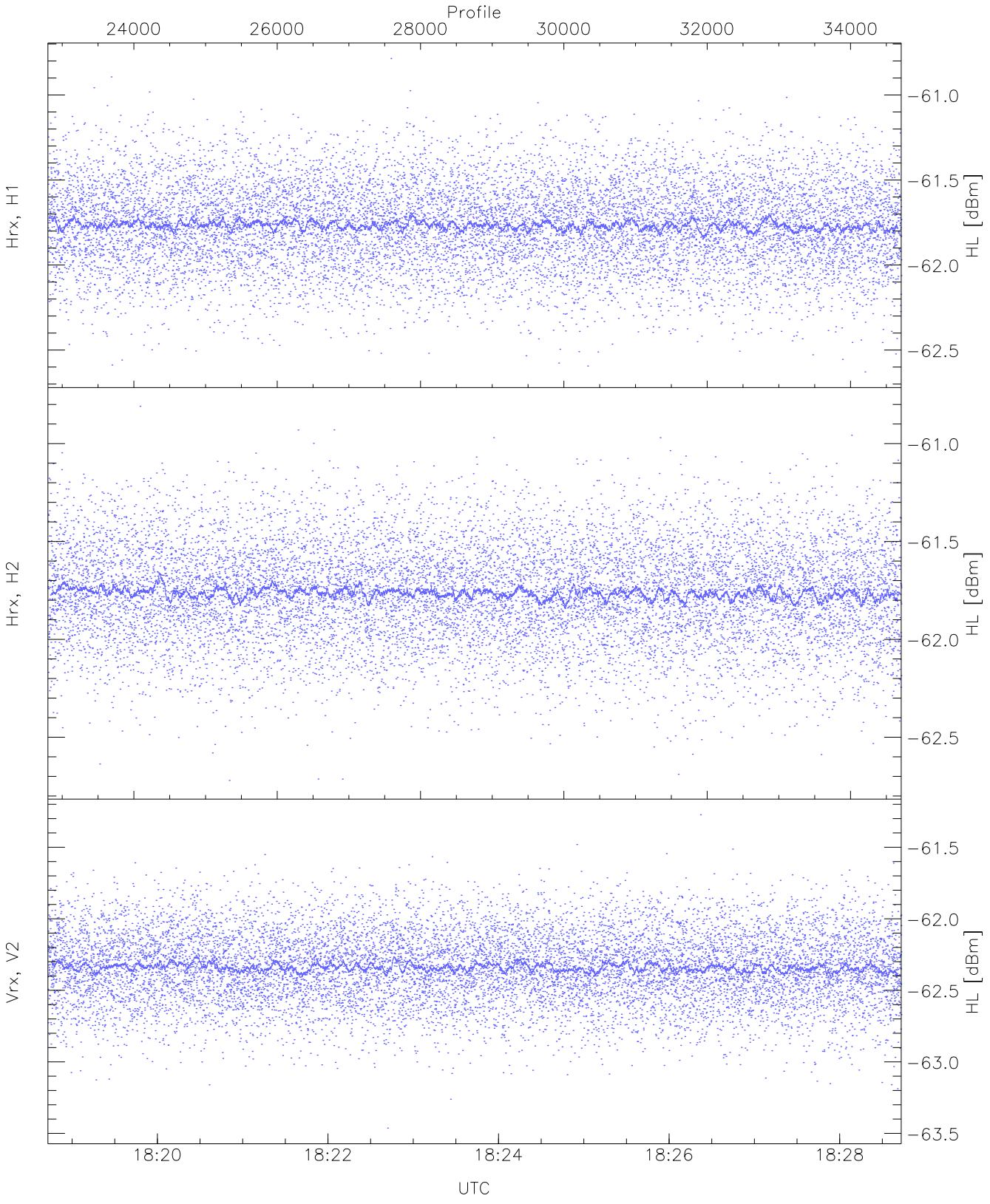
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5989 pixs, 7 gates, 5989 profs, 2 prods



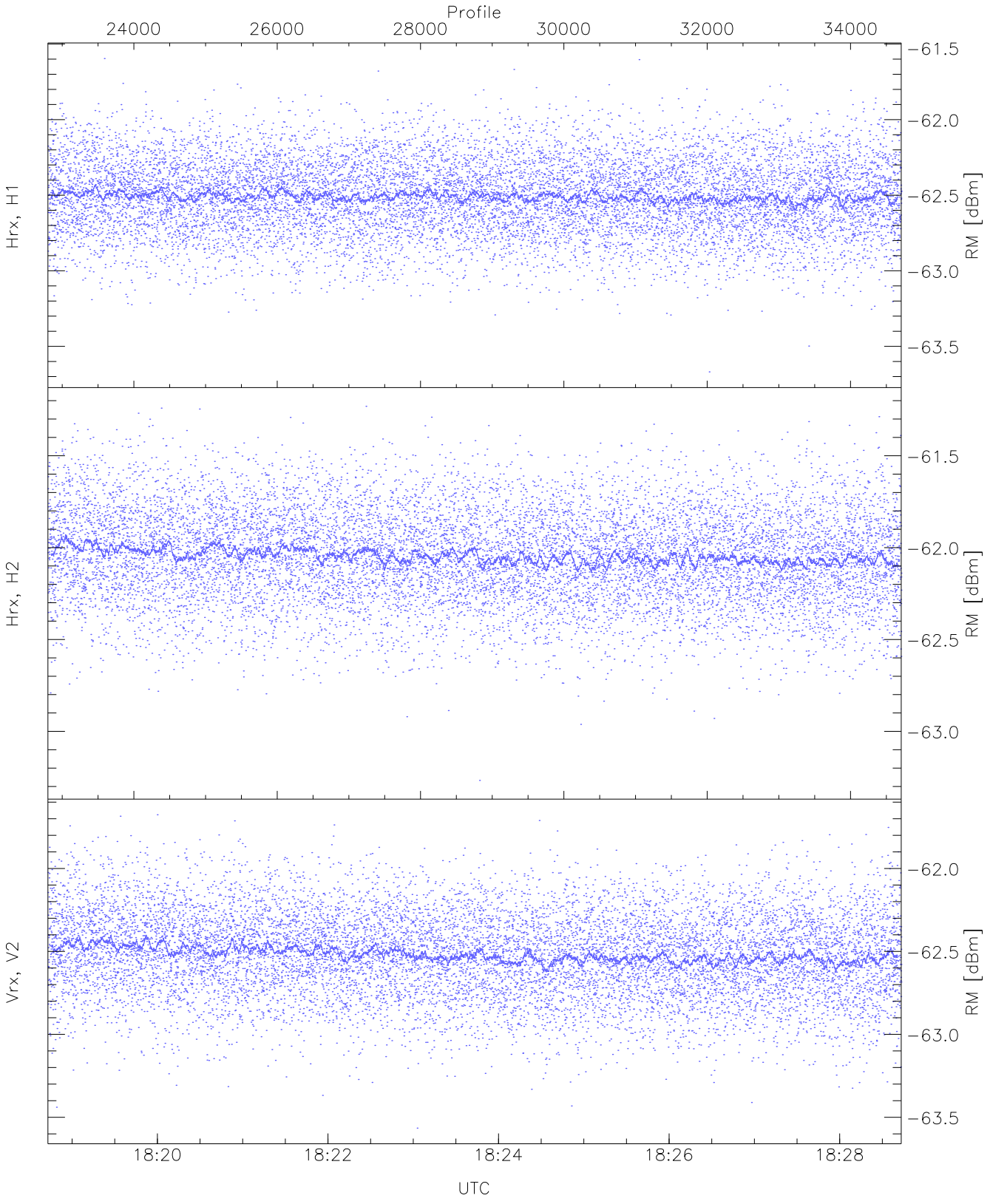
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.98	-61.13	-61.98	-61.98	-74.57
Hrx, H2(WL [dBm])	-62.89	-61.01	-61.98	-61.98	-74.54
Vrx, V2(WL [dBm])	-63.52	-61.64	-62.54	-62.54	-75.14



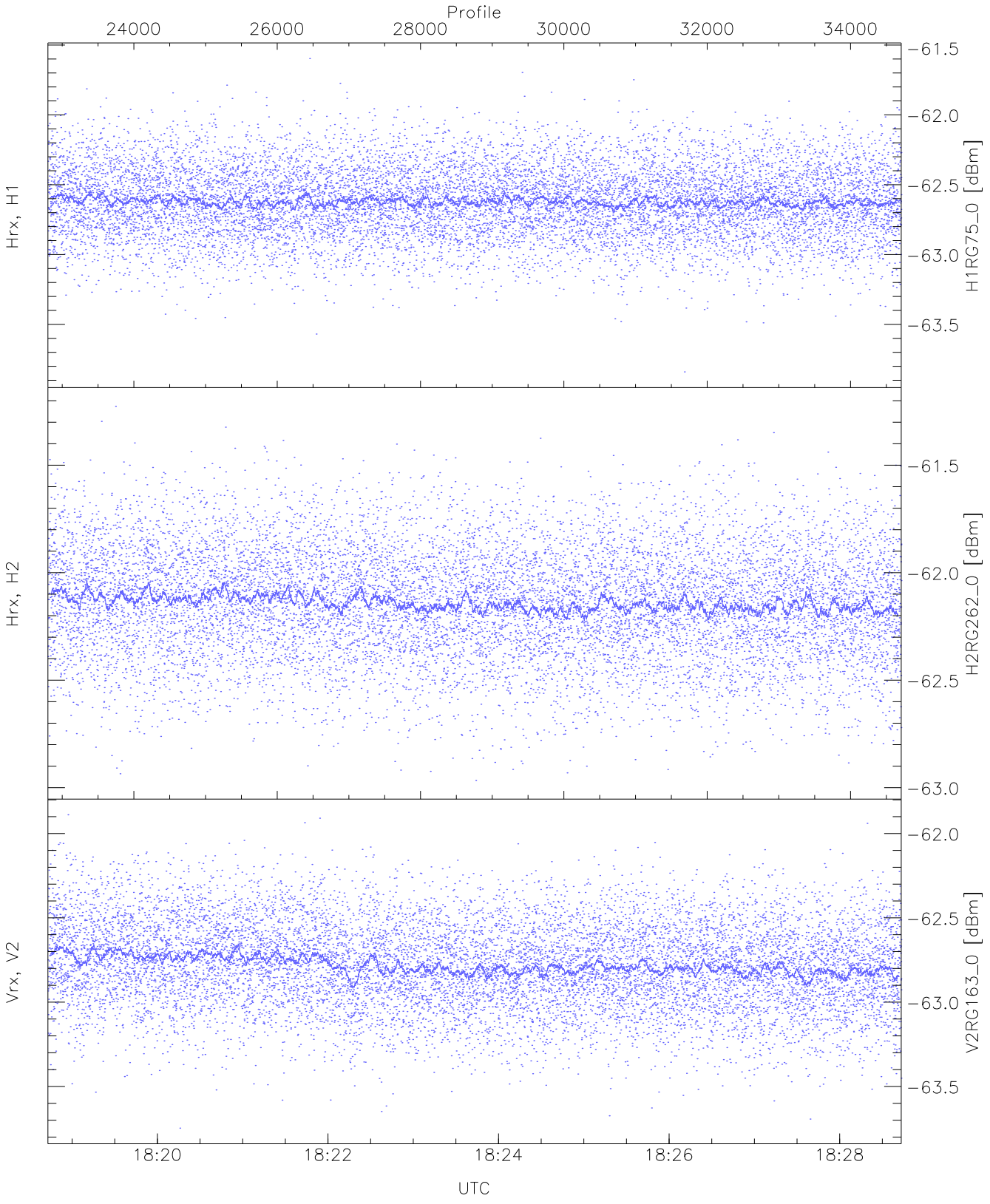
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.63	-60.79	-61.76	-61.77	-74.37
Hrx, H2(HL [dBm])	-62.72	-60.81	-61.76	-61.76	-74.31
Vrx, V2(HL [dBm])	-63.46	-61.27	-62.34	-62.34	-74.86



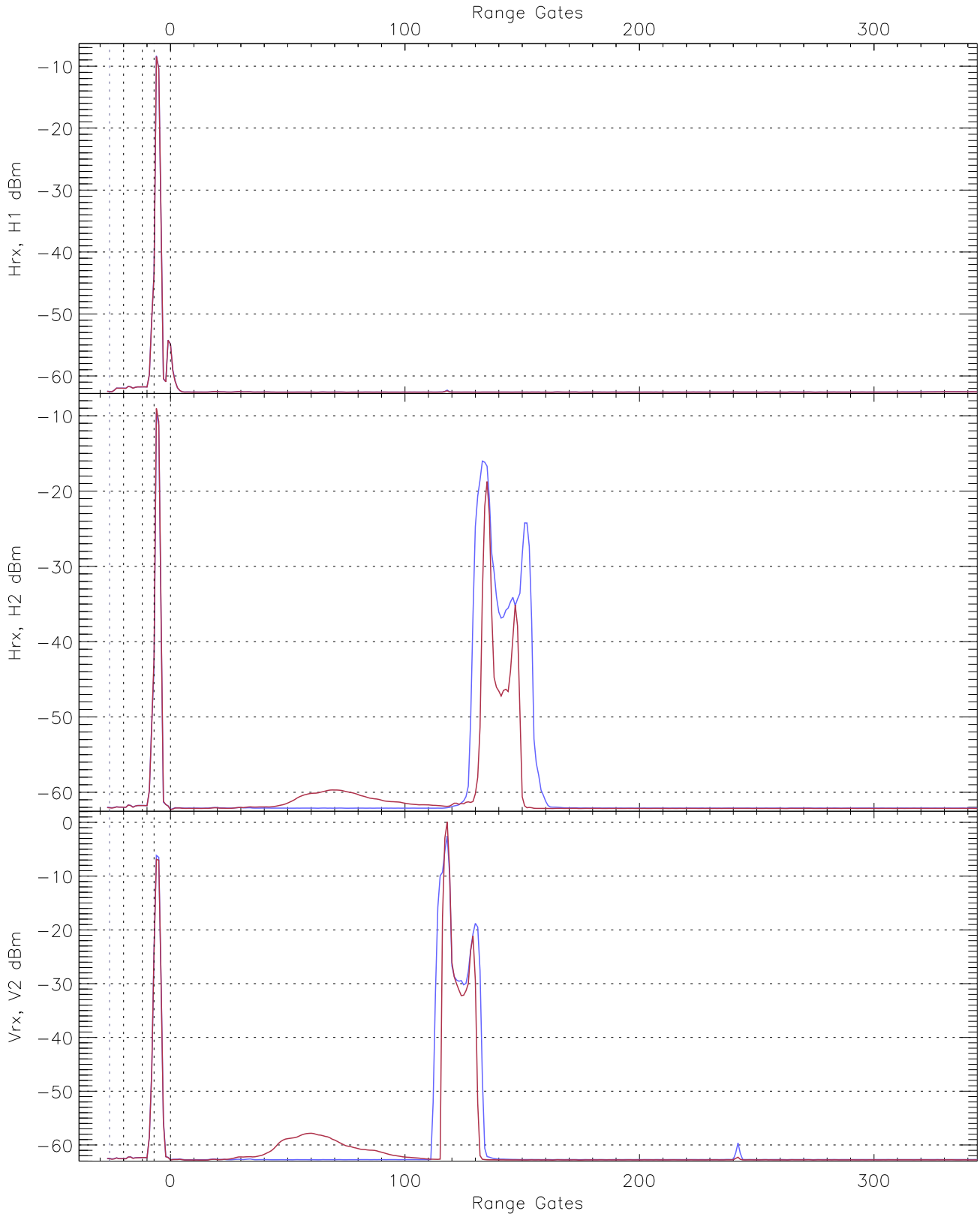
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.67	-61.60	-62.50	-62.51	-75.13
Hrx, H2(RM [dBm])	-63.27	-61.23	-62.04	-62.05	-74.58
Vrx, V2(RM [dBm])	-63.57	-61.68	-62.51	-62.52	-75.02

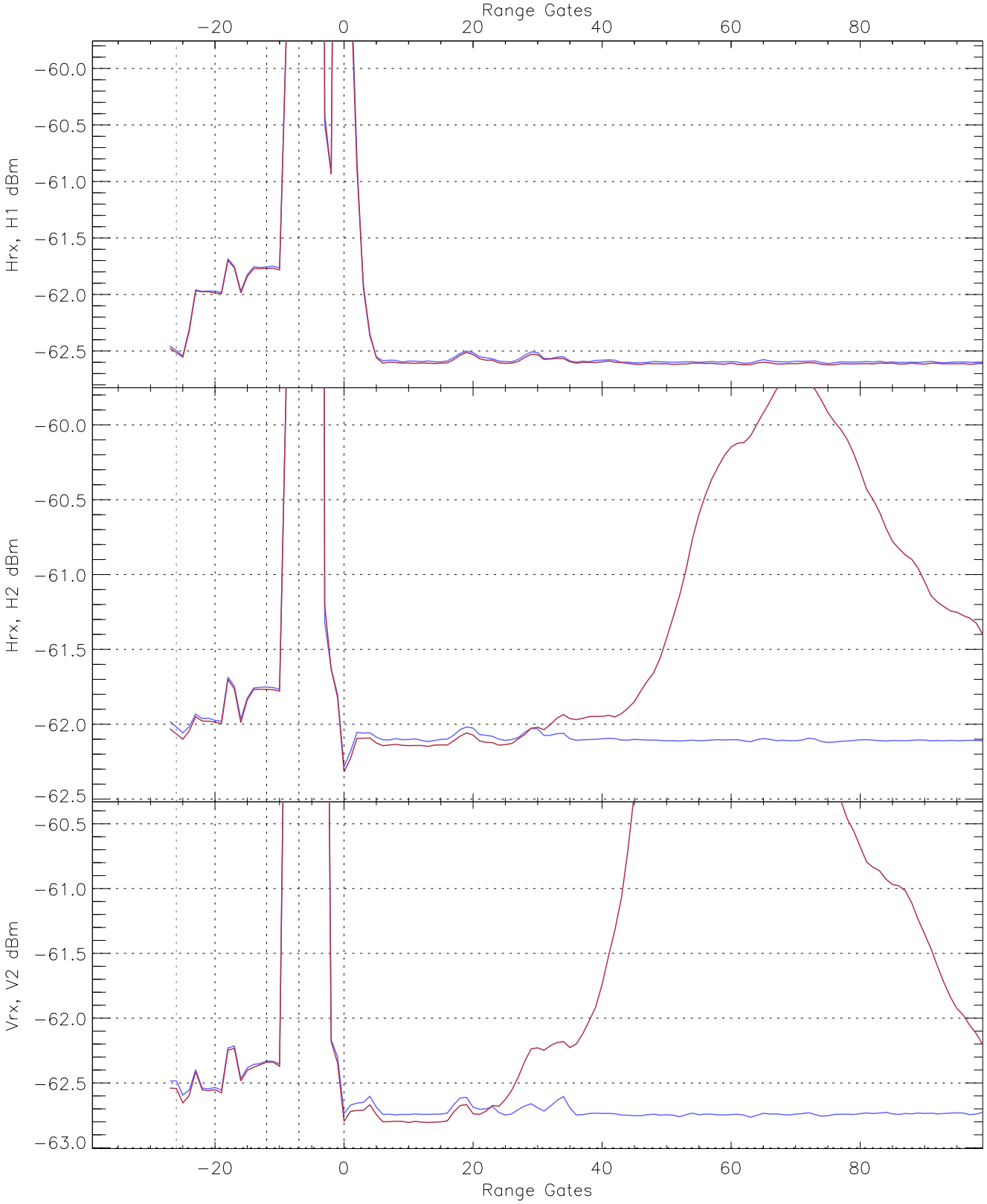


WCR2 CPP "Best" estimate Receivers Noise Power

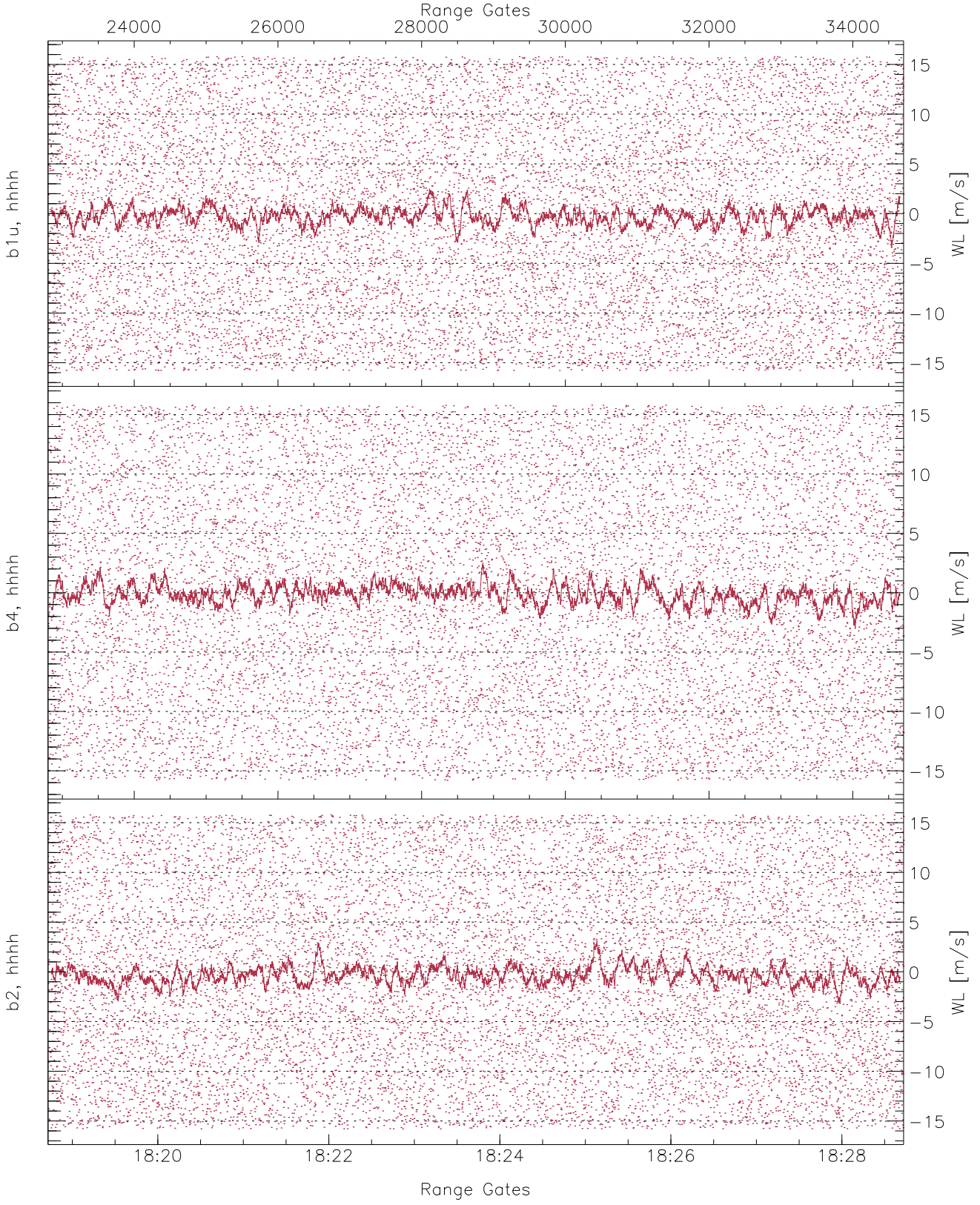
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.84	-61.60	-62.62	-62.63	-75.13
H2RG262_0 [dBm]	-62.97	-61.23	-62.14	-62.14	-74.68
V2RG163_0 [dBm]	-63.75	-61.89	-62.78	-62.78	-75.26



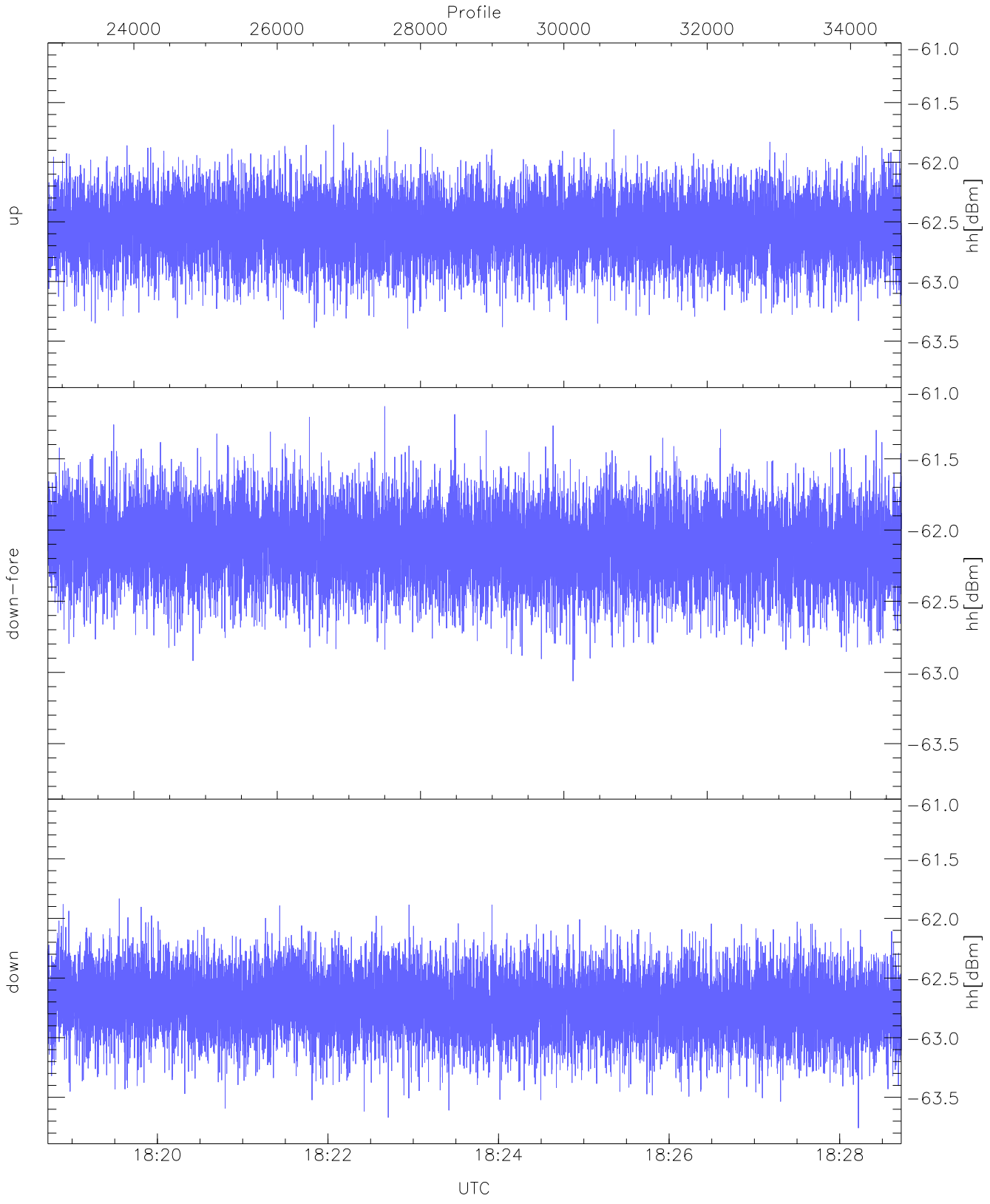
WCR2 CPP Averaged Received power for all recorded gates
blue: 181843-182343, 5955 profiles averaged
red: 182343-182843, 5955 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 181843-182343, 5955 profiles averaged
red: 182343-182843, 5955 profiles averaged

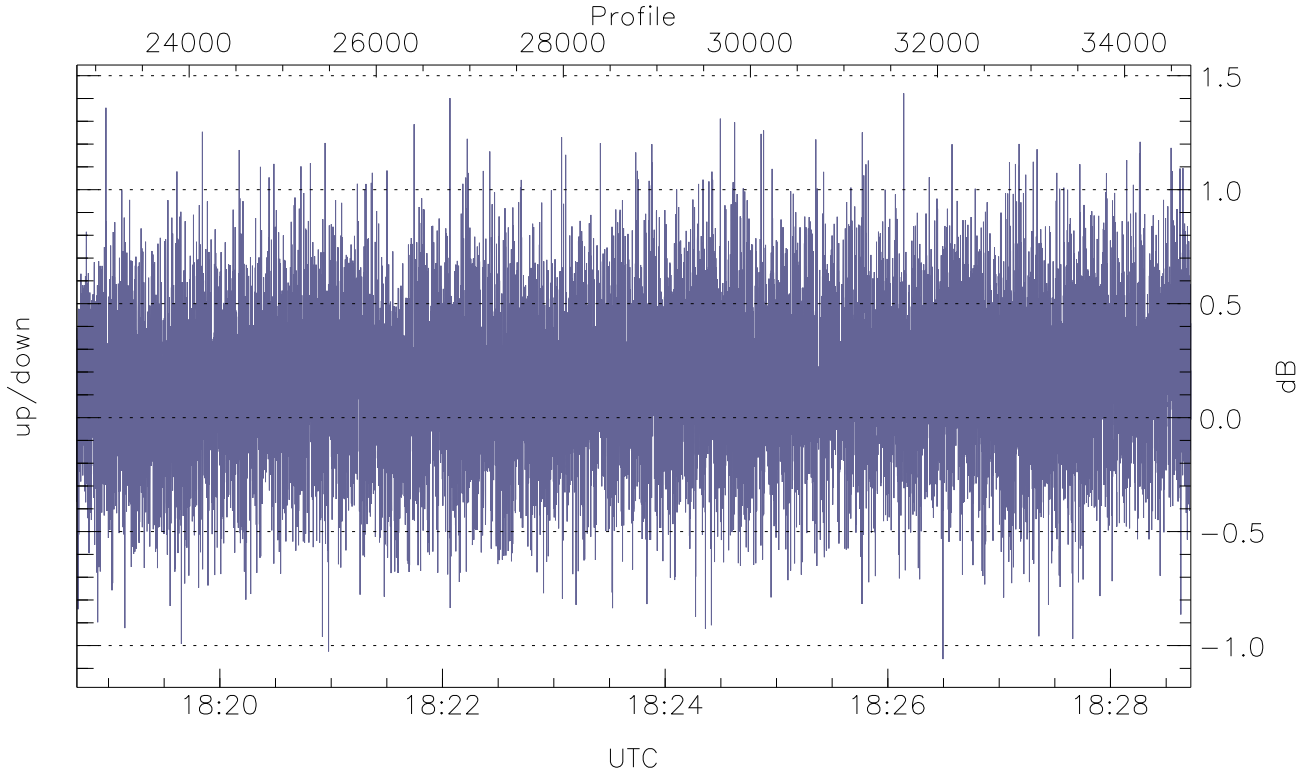


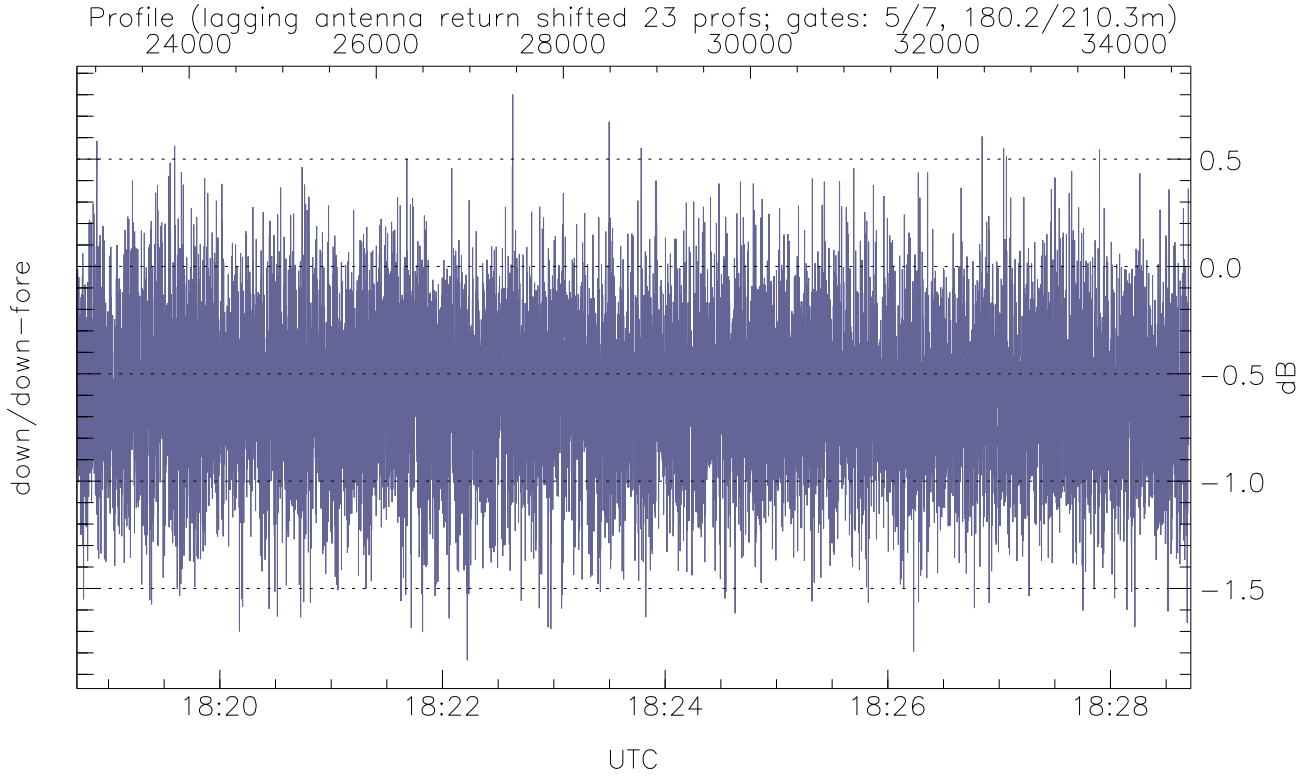
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

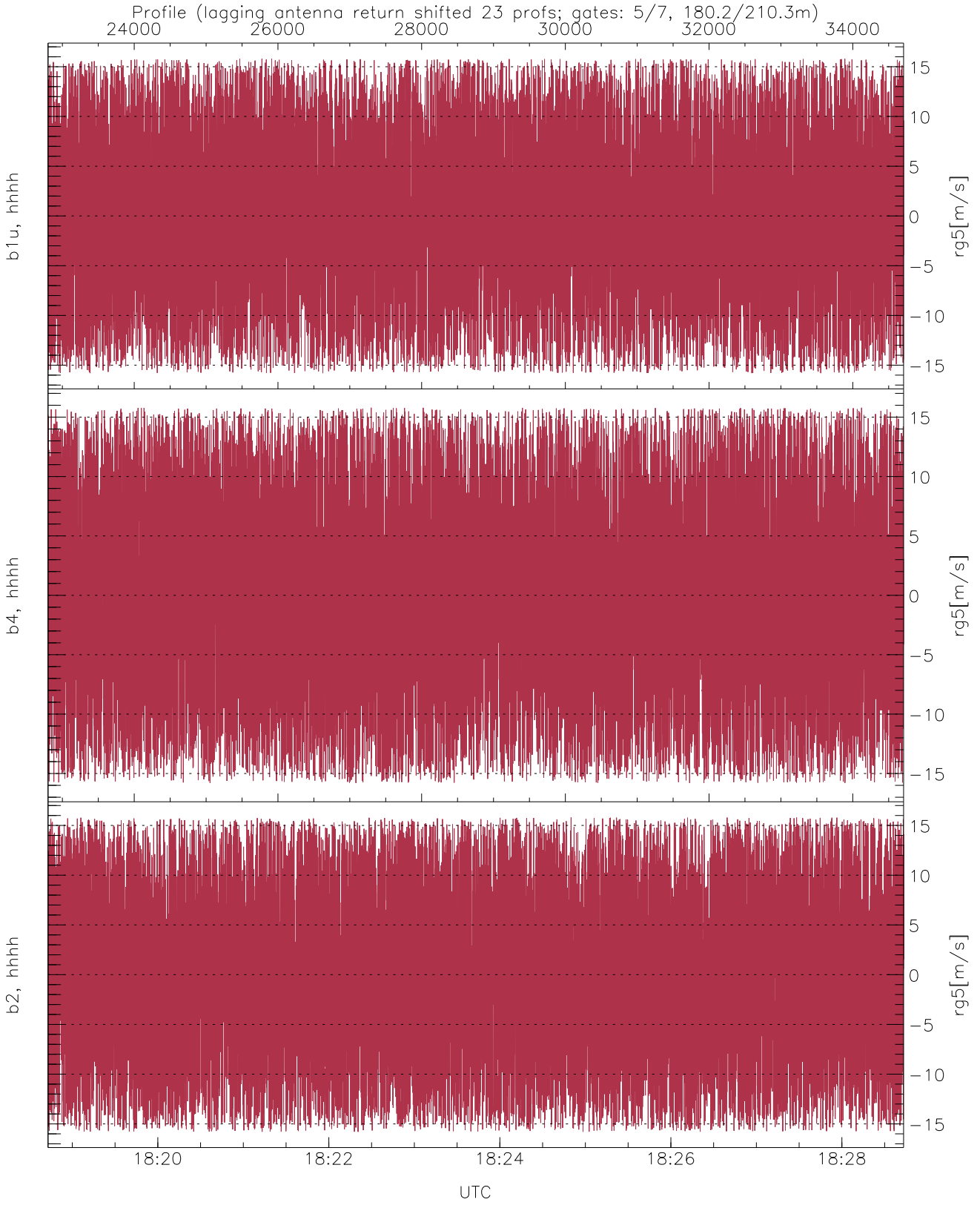
	Min	Max	Mean
up(hh[dBm])	-63.39	-61.69	-62.55
down-fore(hh[dBm])	-63.06	-61.13	-62.11
down(hh[dBm])	-63.76	-61.83	-62.71





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

	Min	Max	Mean
up/down(dB)	-1.06	1.42	0.16
down/down-fore(dB)	-1.83	0.80	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	-0.05	8.72
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.51	9.09