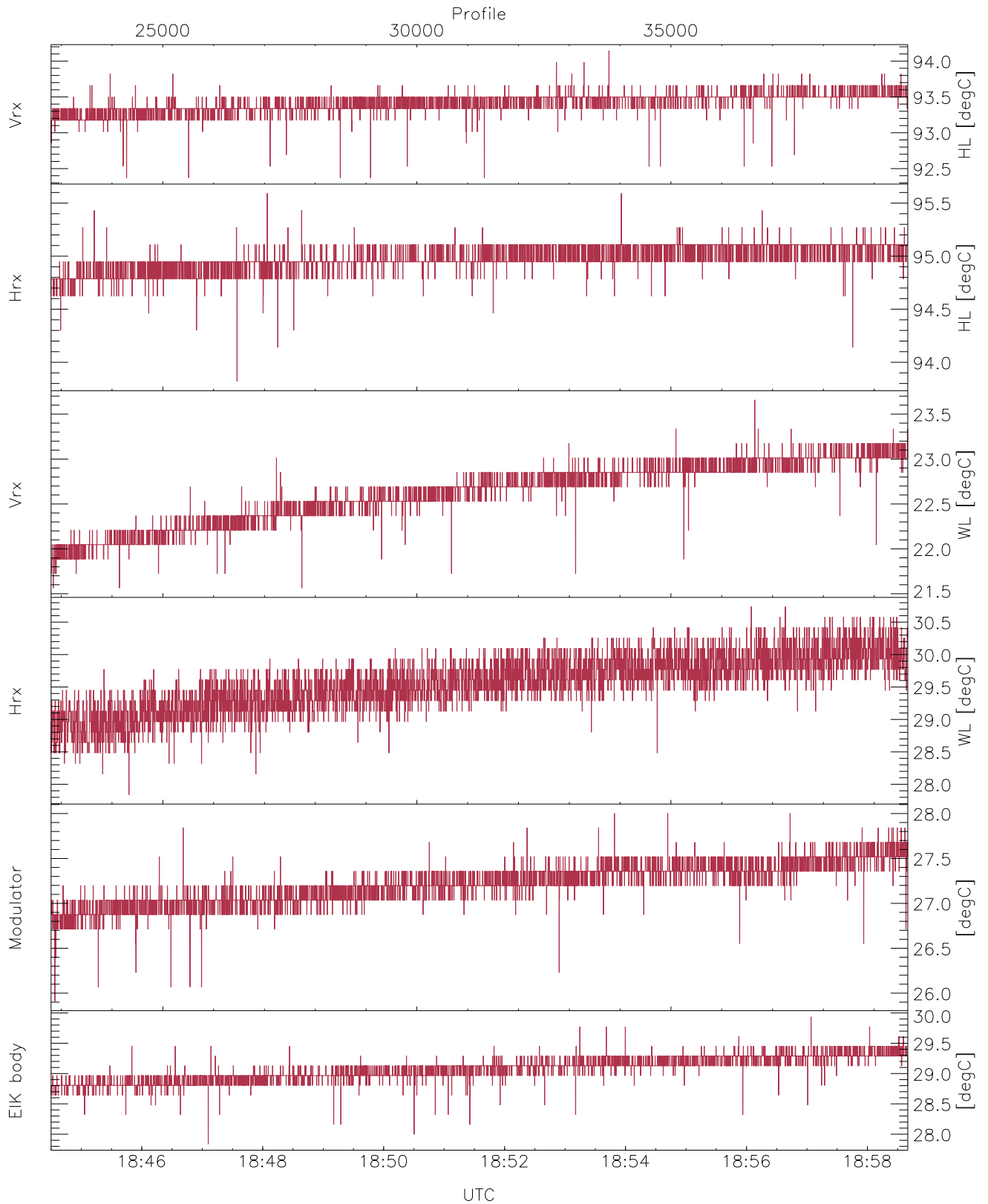


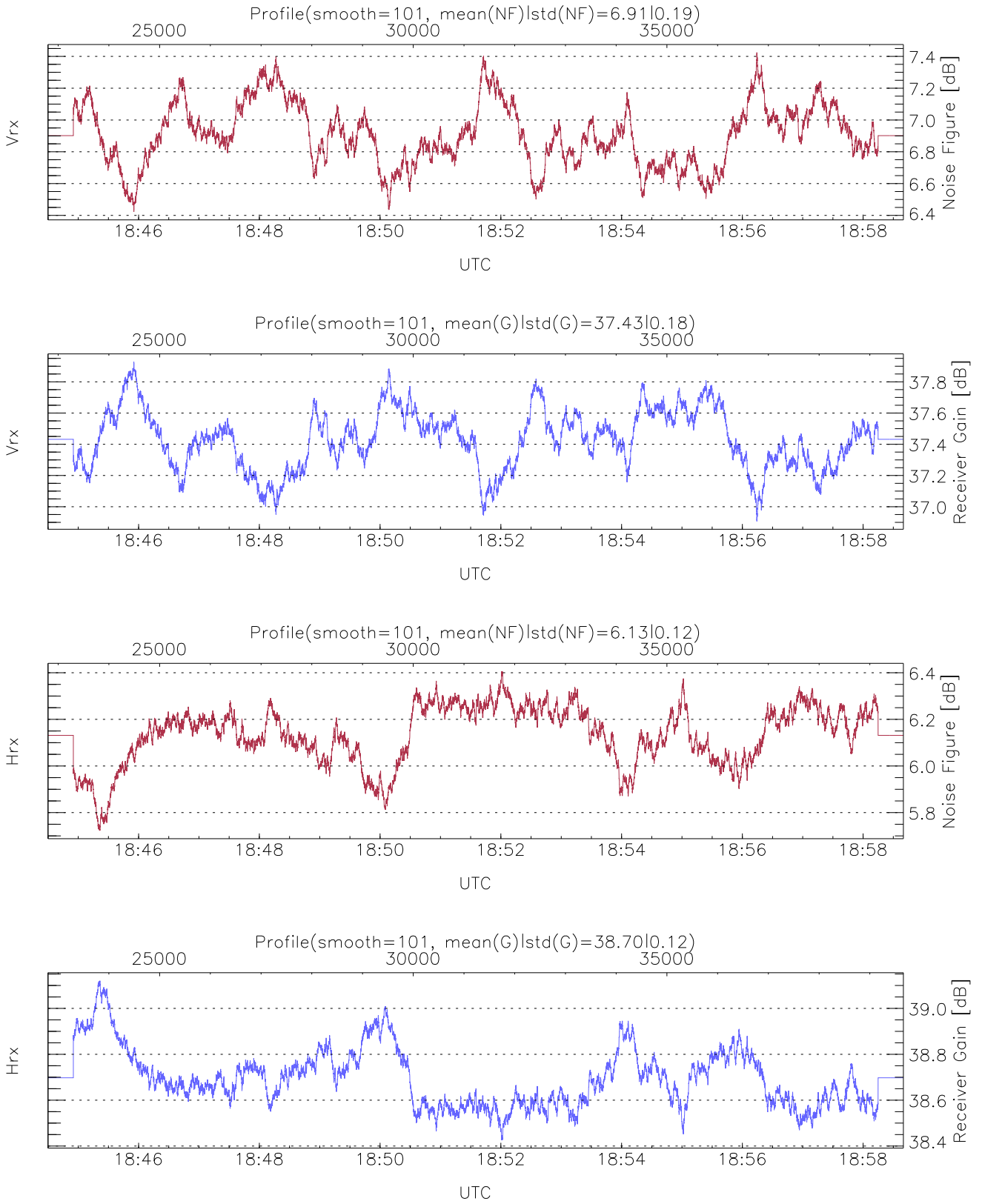
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:25:21-18:58:40, Dur: 1999.46s
 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): 16863/39663, 22800-39662/18:44:30-18:58:40
 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|sidelup|error): 1



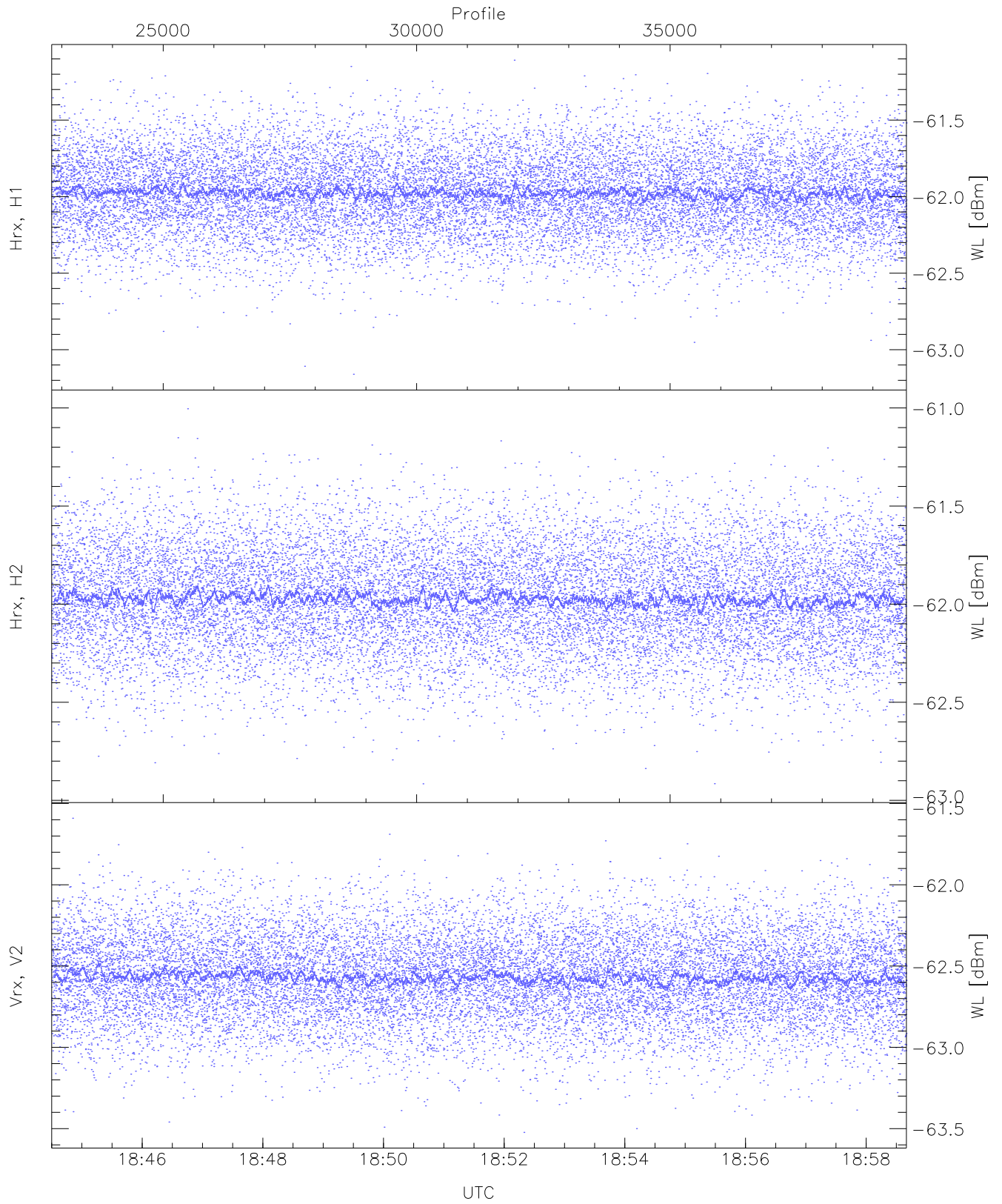
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,21,27,25,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,23,30,28,29`
`LOalarm(20,80,240,2.8,14.8 MHz): None`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5)`



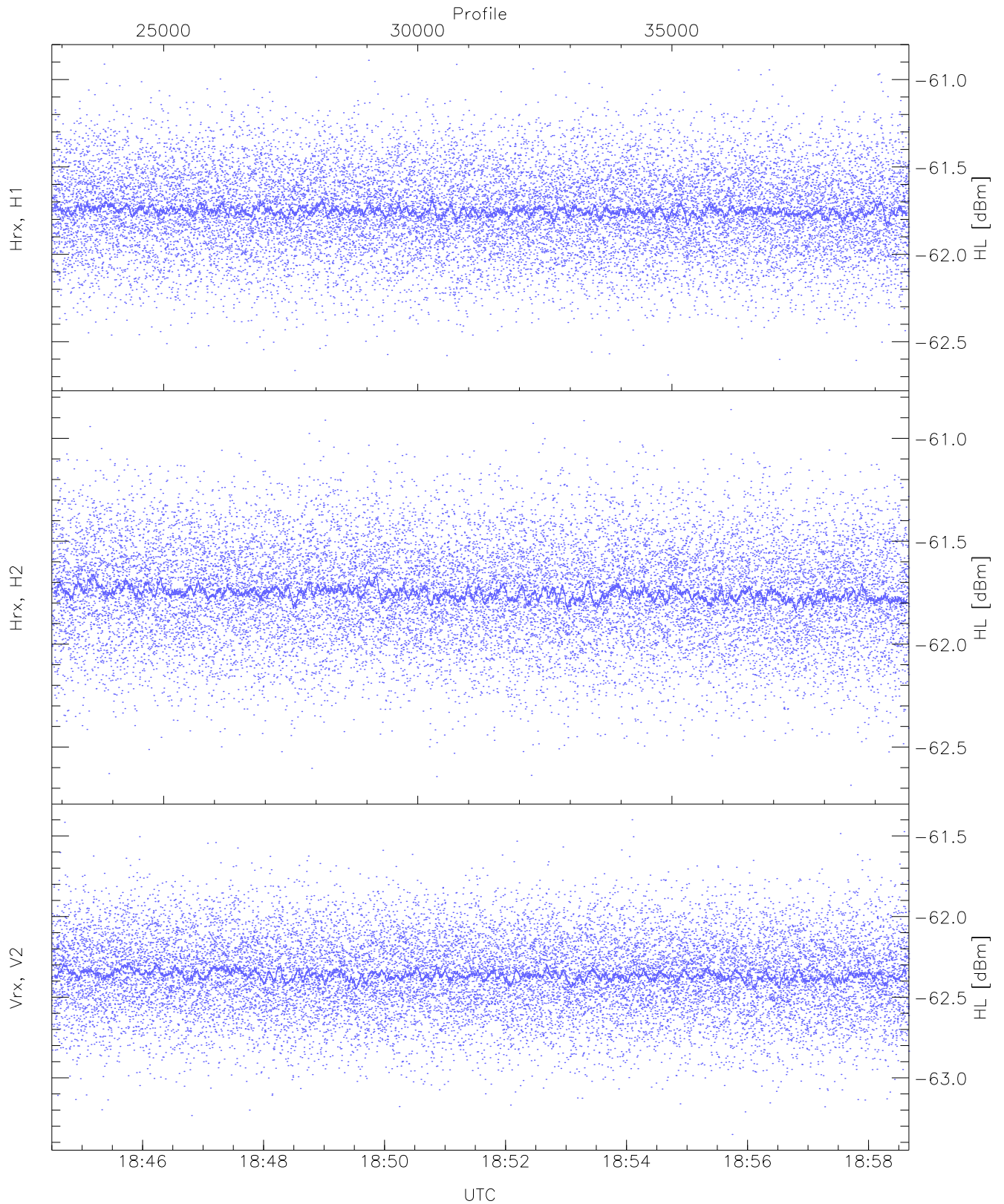
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 462 pixs, 15 gates, 455 profs, 1 prods



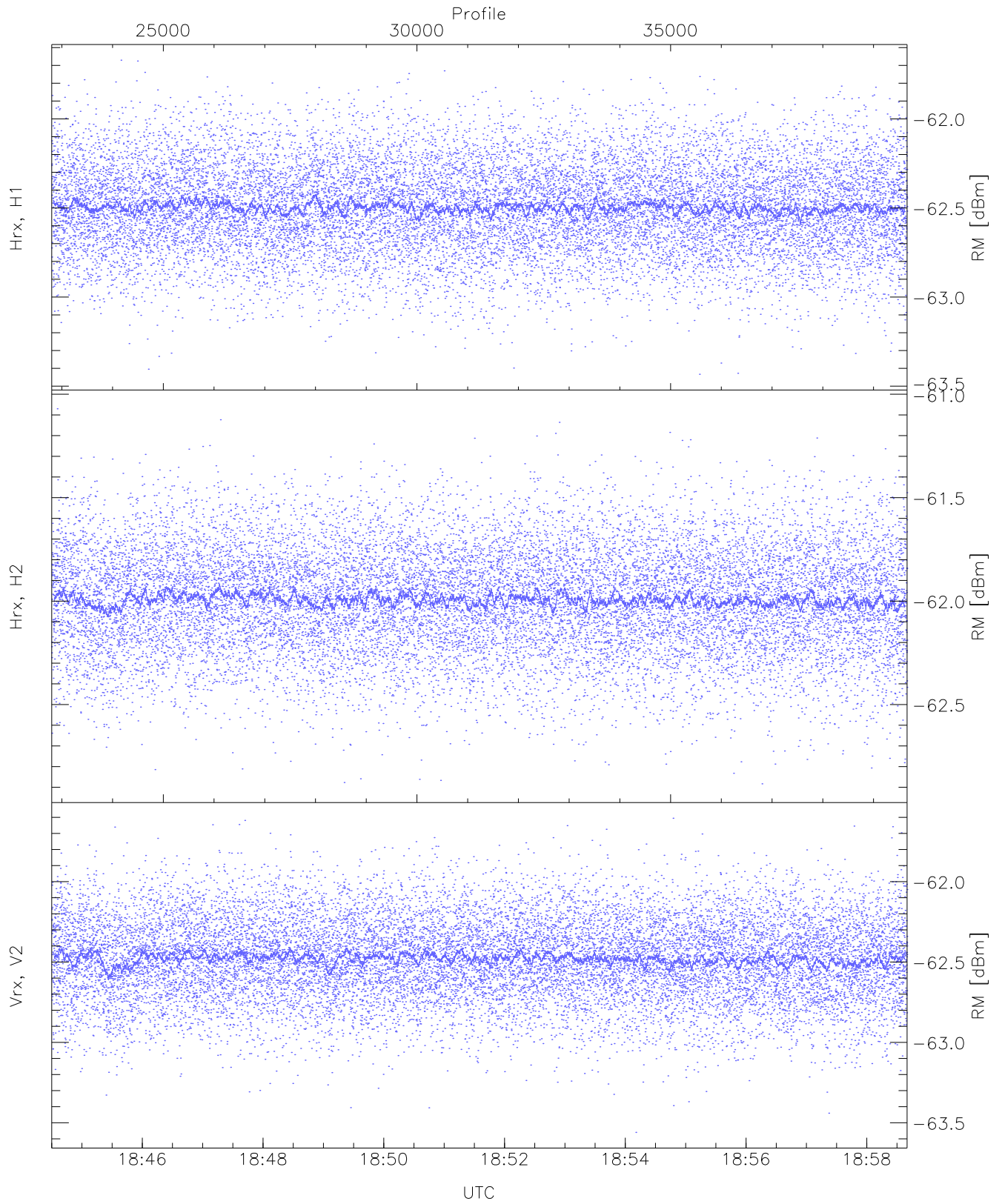
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.16	-61.11	-61.97	-61.98	-74.54
Hrx, H2 (WL [dBm])	-62.92	-61.00	-61.97	-61.98	-74.52
Vrx, V2 (WL [dBm])	-63.52	-61.59	-62.57	-62.57	-75.10



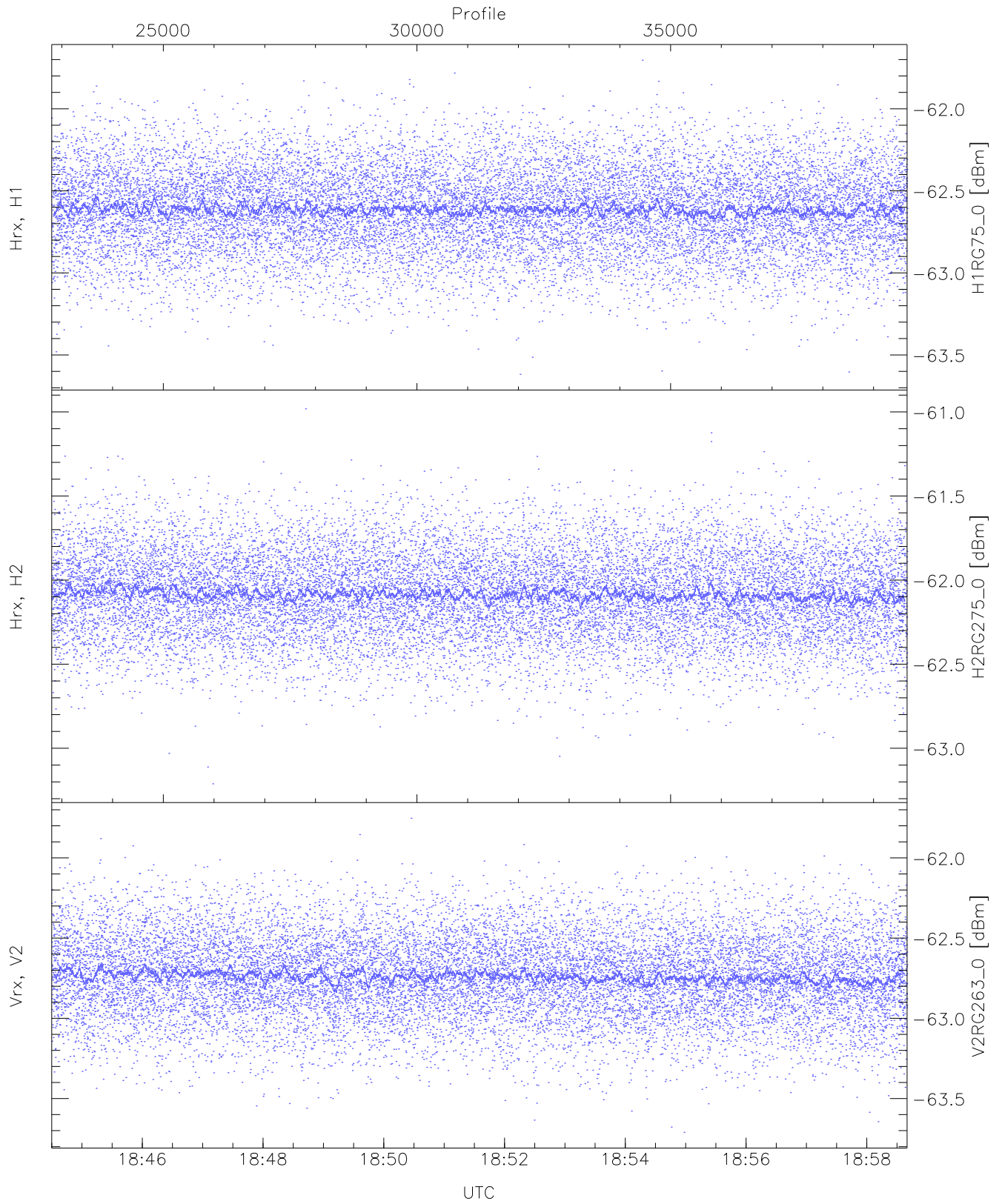
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.89	-61.75	-61.75	-74.36
Hrx, H2 (HL [dBm])	-62.69	-60.86	-61.75	-61.75	-74.34
Vrx, V2 (HL [dBm])	-63.35	-61.40	-62.36	-62.36	-74.90



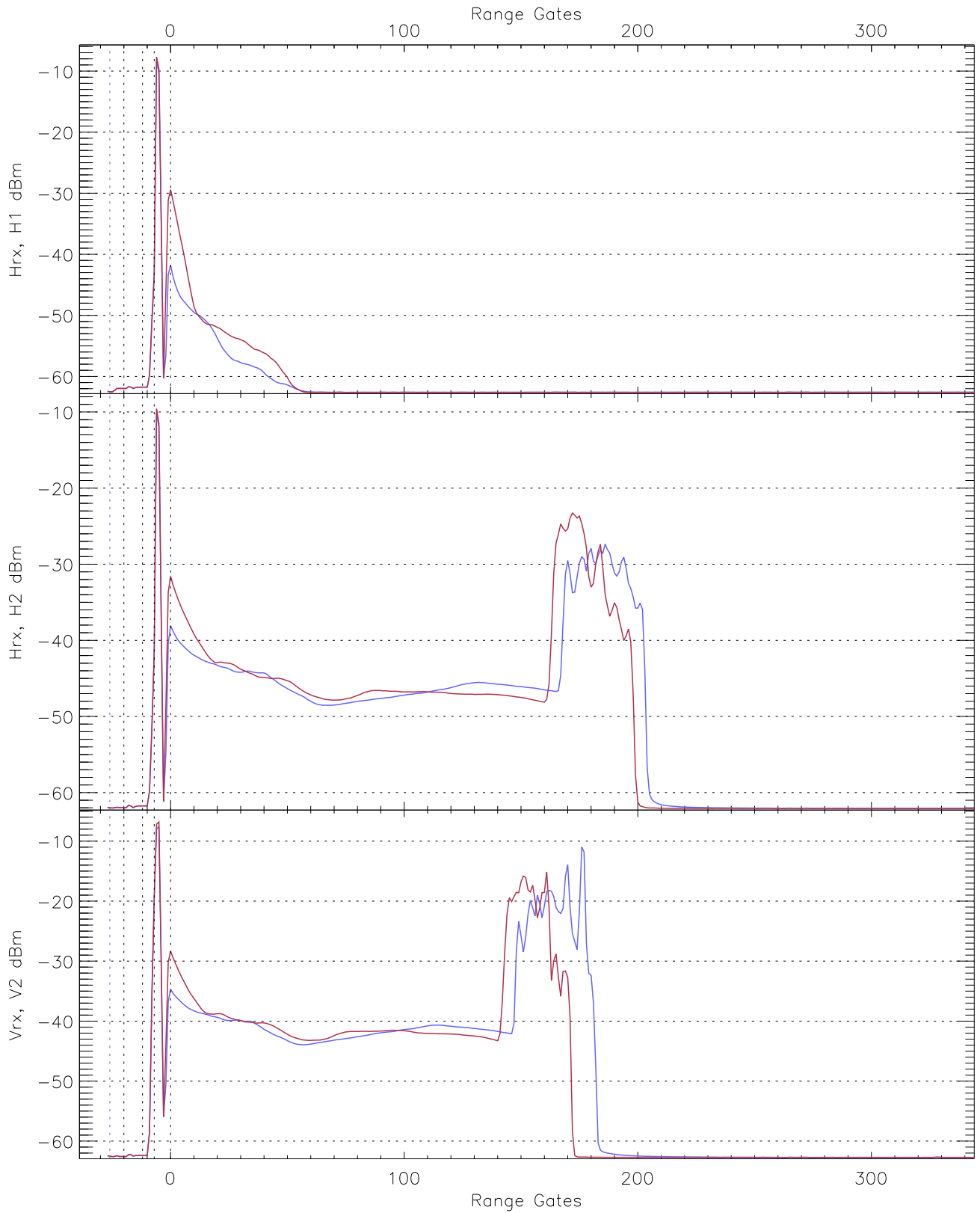
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.43	-61.67	-62.49	-62.50	-75.08
Hrx, H2 (RM [dBm])	-62.88	-61.07	-61.99	-61.99	-74.57
Vrx, V2 (RM [dBm])	-63.56	-61.61	-62.48	-62.48	-75.00

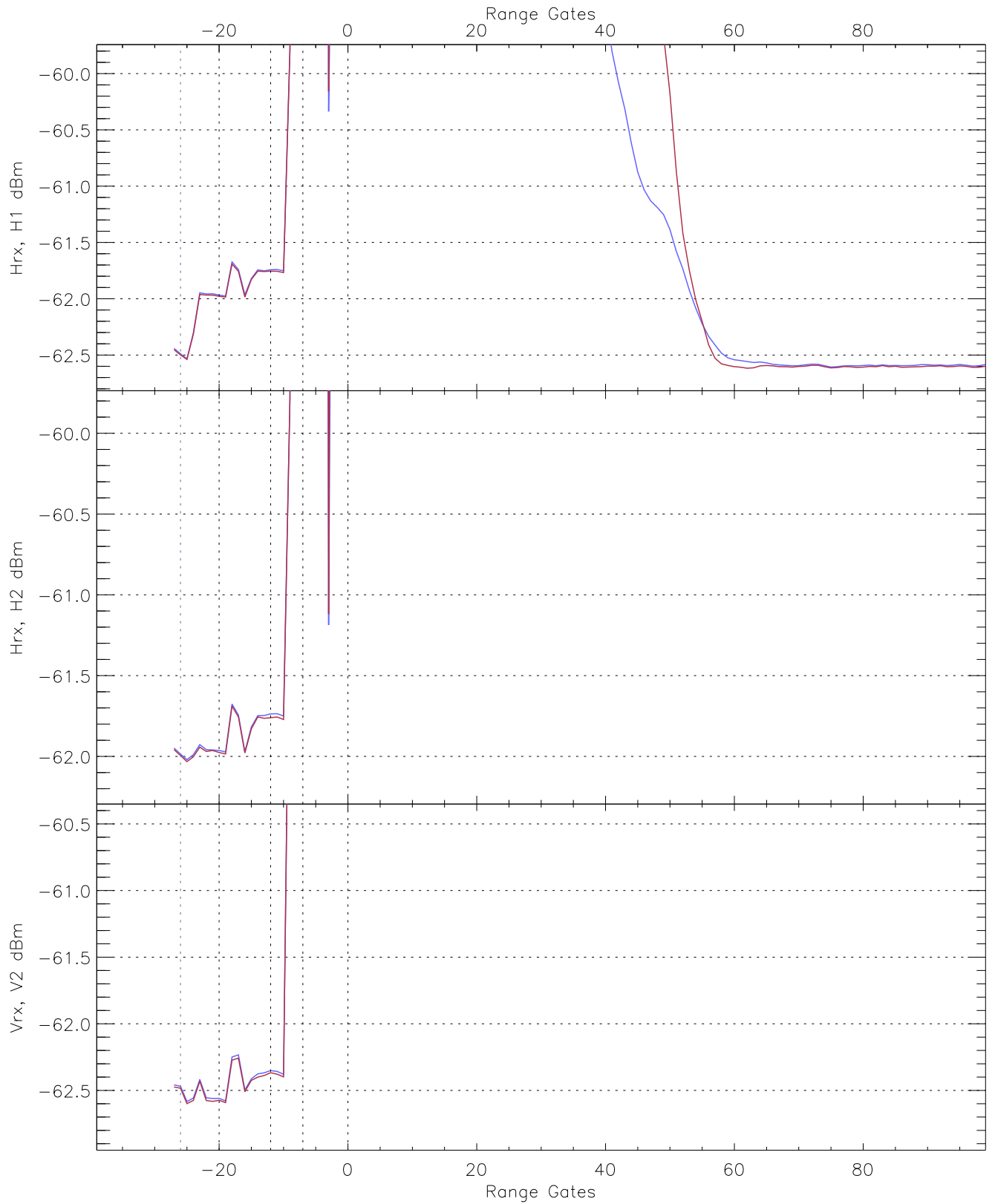


WCR2 CPP "Best" estimate Receivers Noise Power

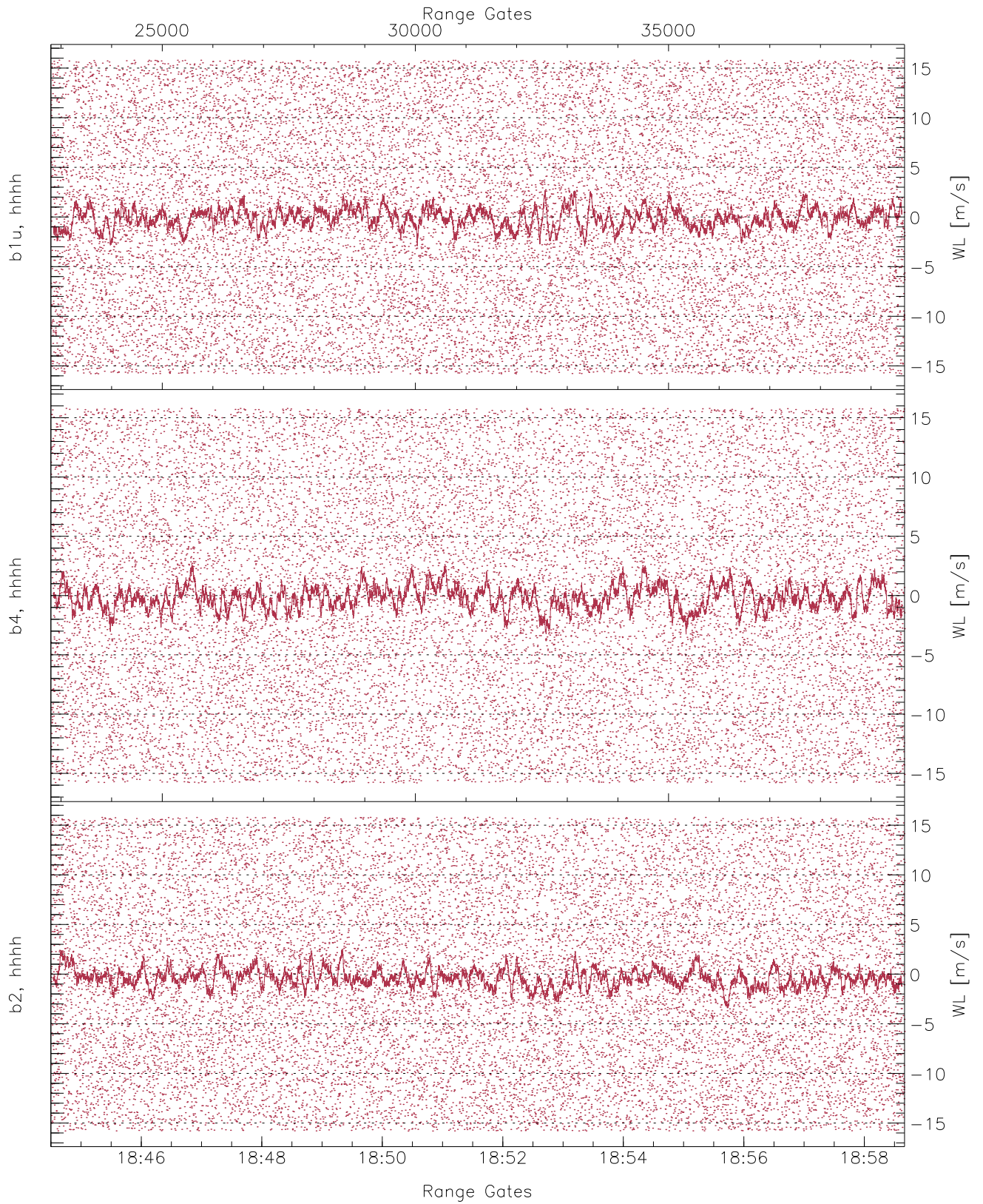
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.70	-62.61	-62.61	-75.15
H2RG275_0 [dBm]	-63.21	-60.98	-62.08	-62.09	-74.62
V2RG263_0 [dBm]	-63.71	-61.75	-62.74	-62.74	-75.28



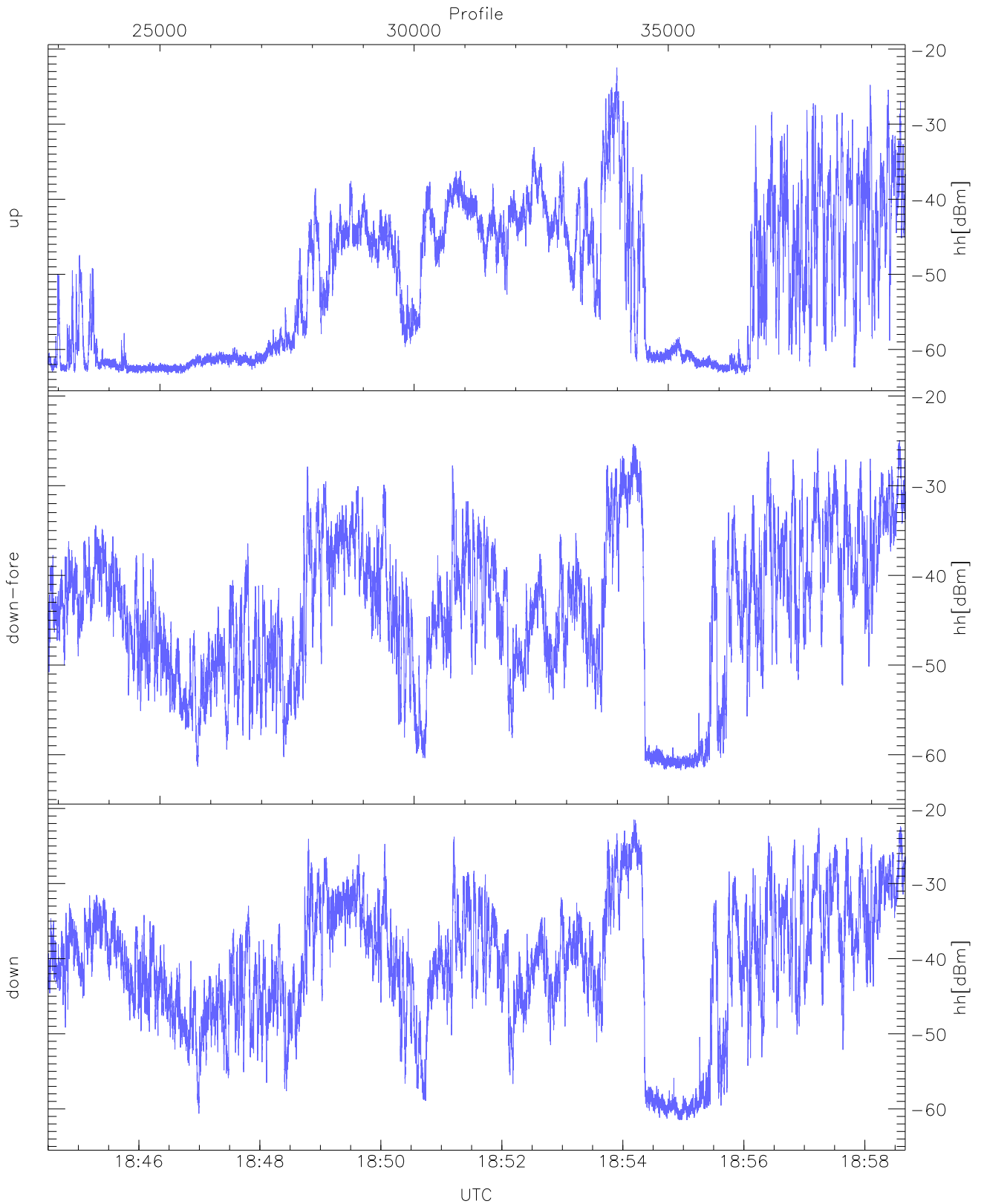
WCR2 CPP Averaged Received power for all recorded gates
blue: 184430-185135, 8432 profiles averaged
red: 185135-185840, 8432 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 184430-185135, 8432 profiles averaged
red: 185135-185840, 8432 profiles averaged

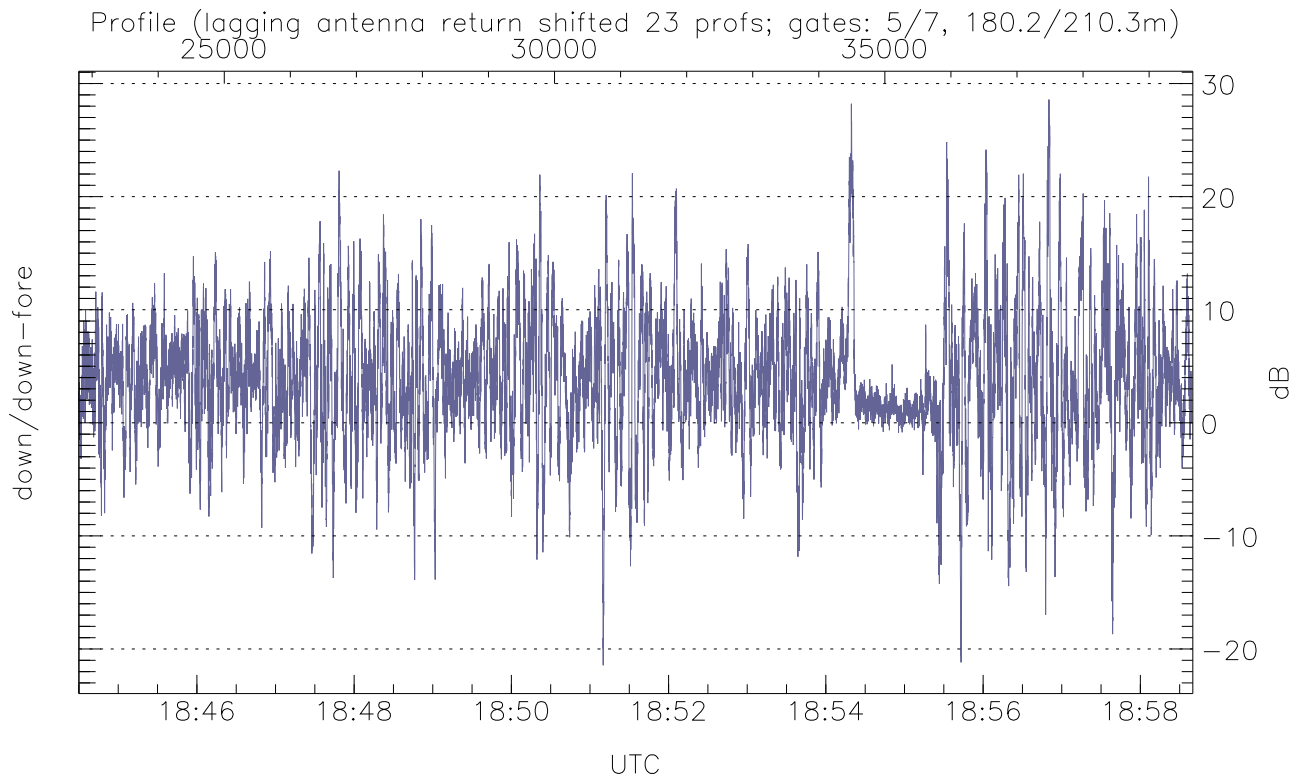
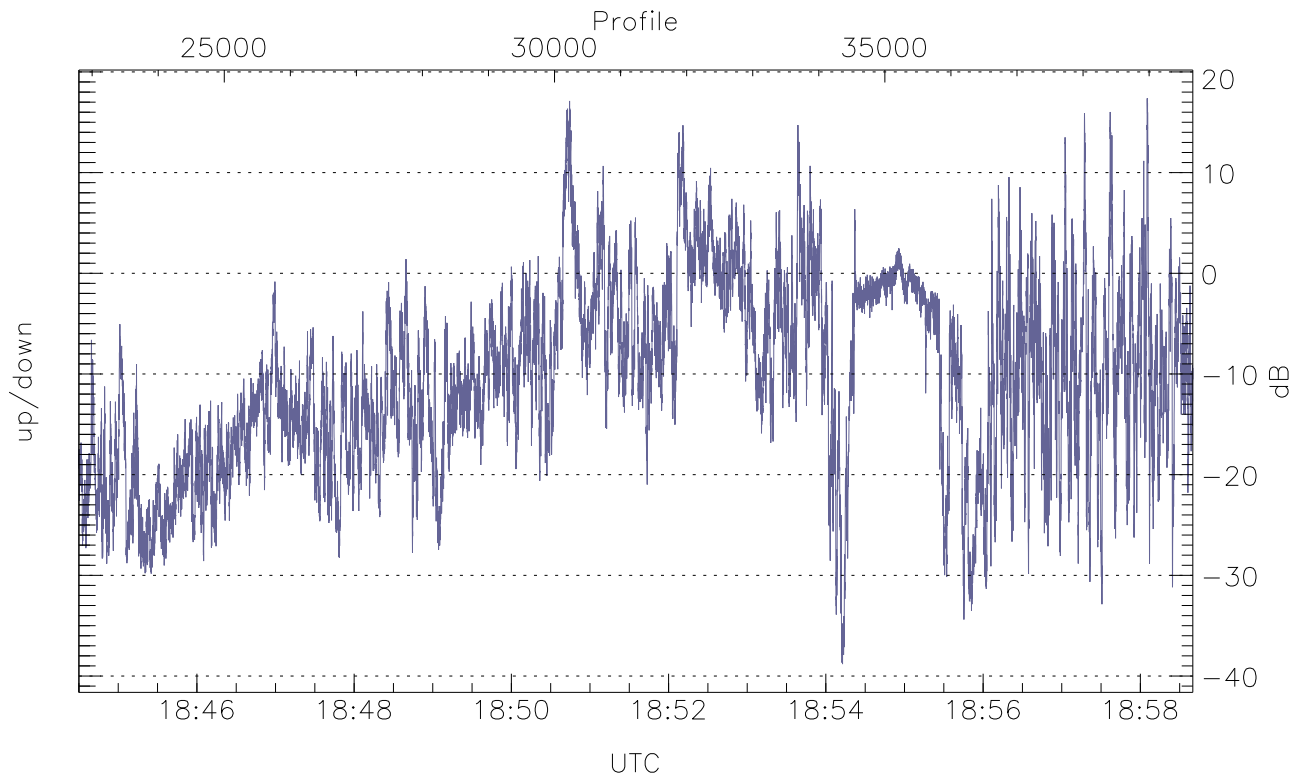


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



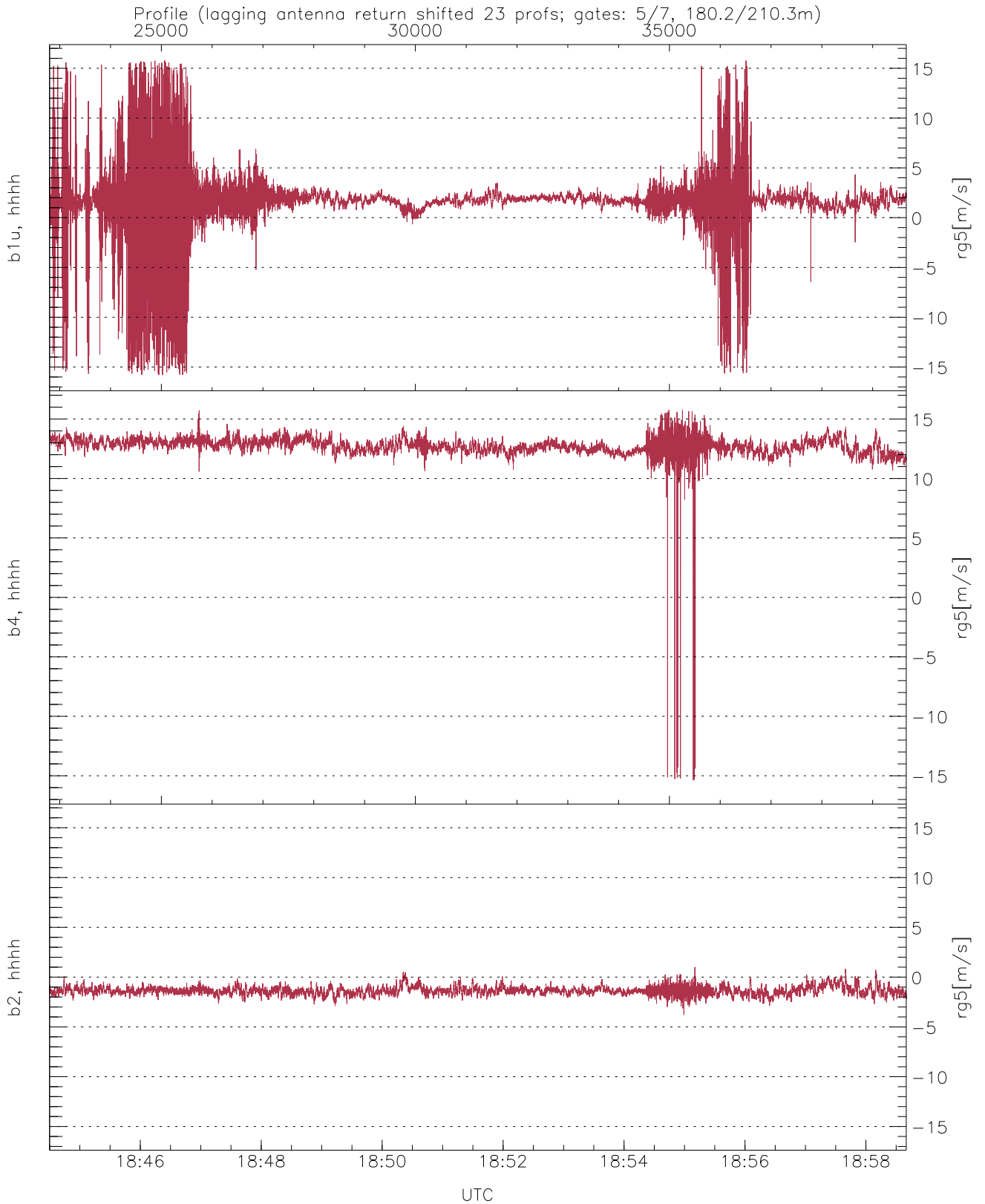
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.40	-22.46	-41.15
down-fore(hh[dBm])	-61.71	-24.93	-37.70
down(hh[dBm])	-61.50	-21.51	-34.46



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

	Min	Max	Mean
up/down (dB)	-38.81	17.38	-10.36
down/down-fore (dB)	-21.44	28.59	3.94



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.77	1.60	2.97
b4, hhhh(rg5[m/s])	-15.36	15.78	12.72	0.87
b2, hhhh(rg5[m/s])	-3.79	1.01	-1.36	0.42