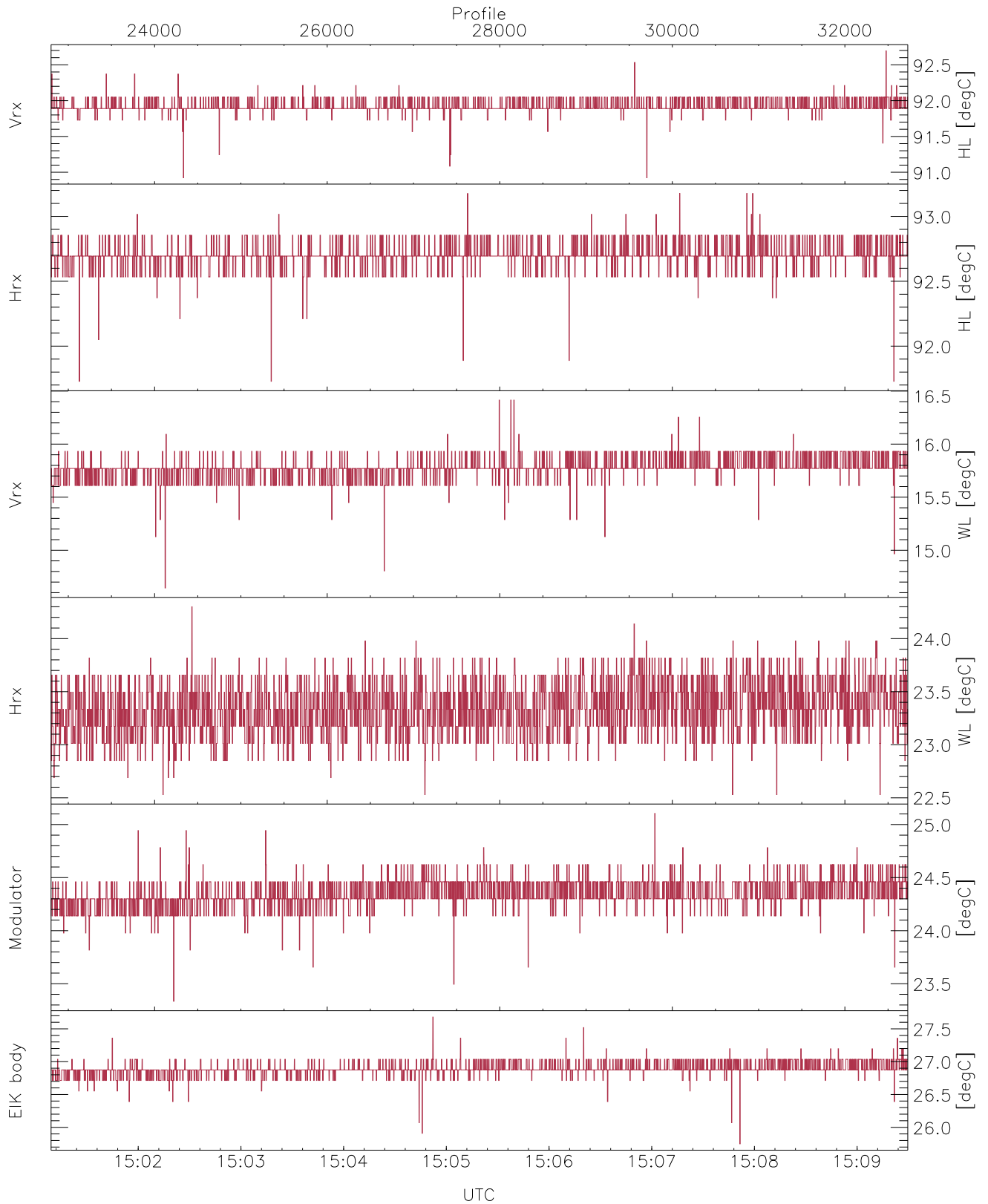


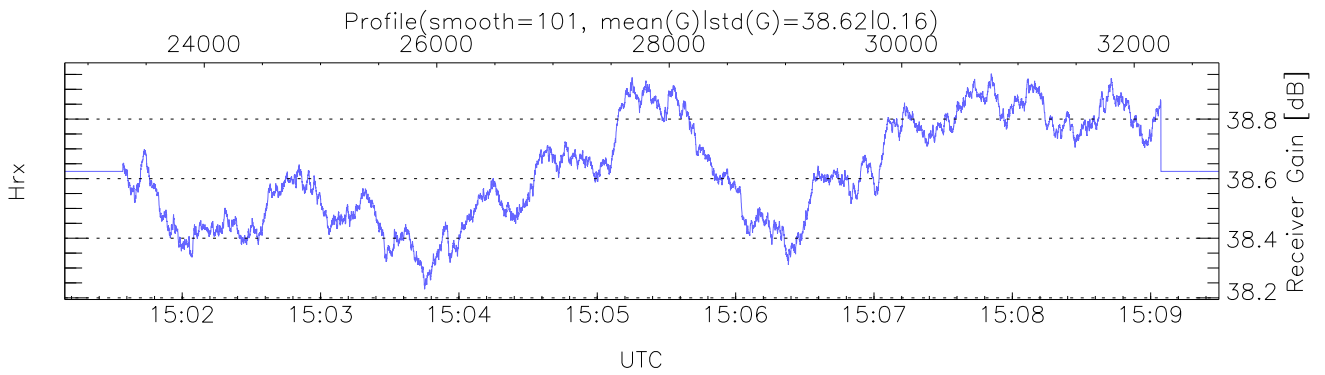
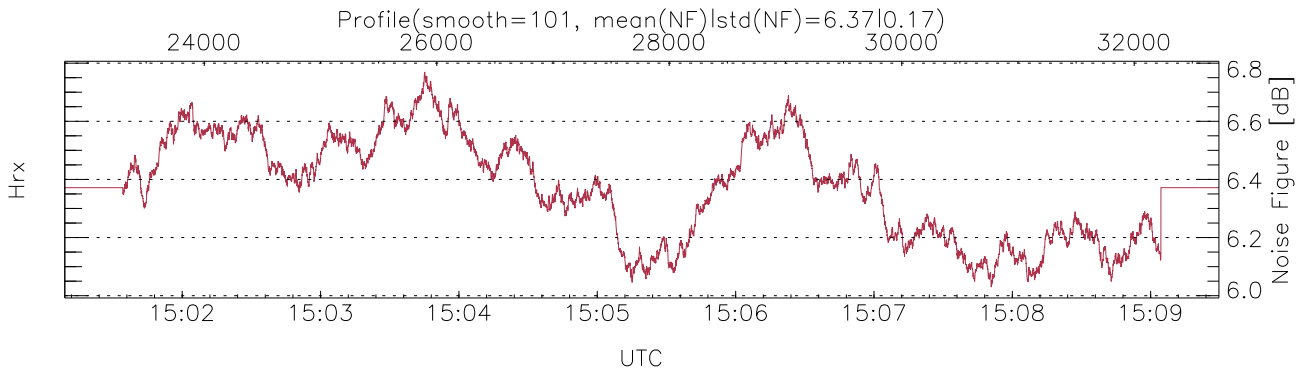
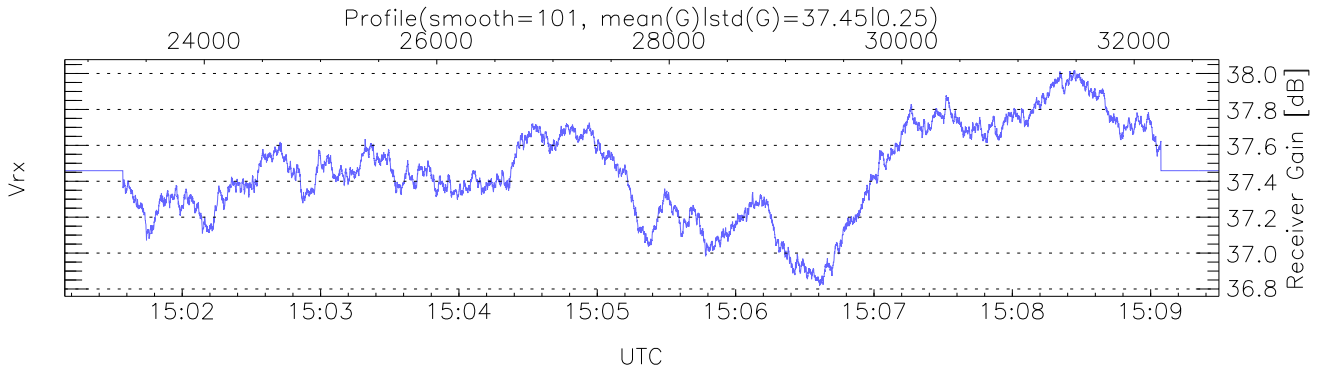
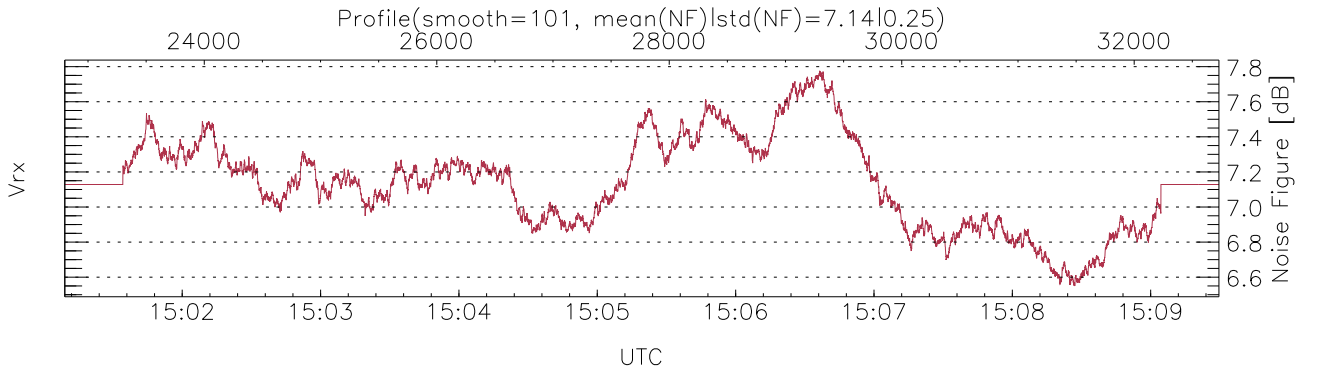
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 14:42:00-15:09:30, Dur: 1649.95s
 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): 9930/32730, 22800-32729/15:01:09-15:09:30
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



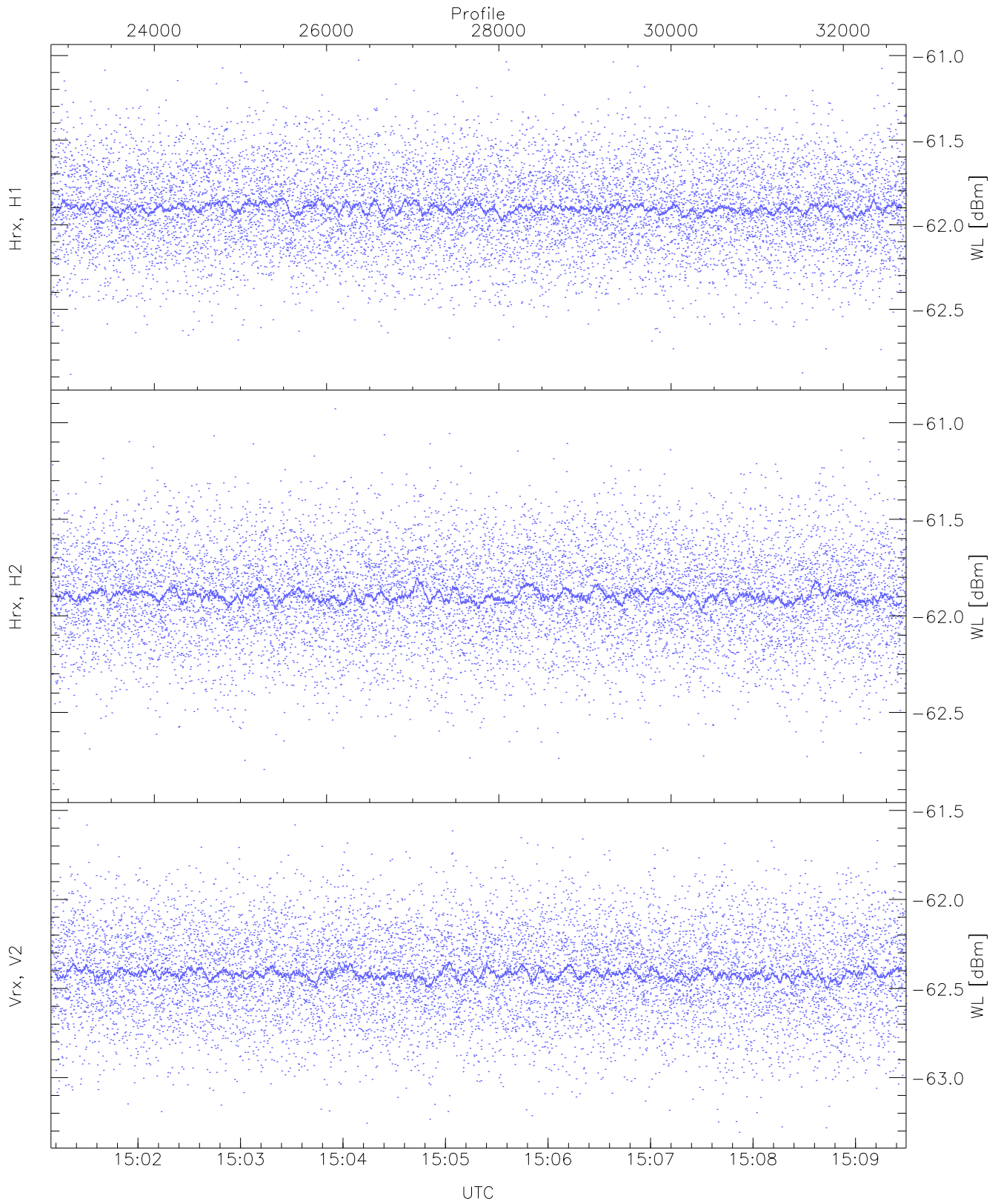
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,25
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,ColIT,BodyCurr,DeckF (5,10,10,10)



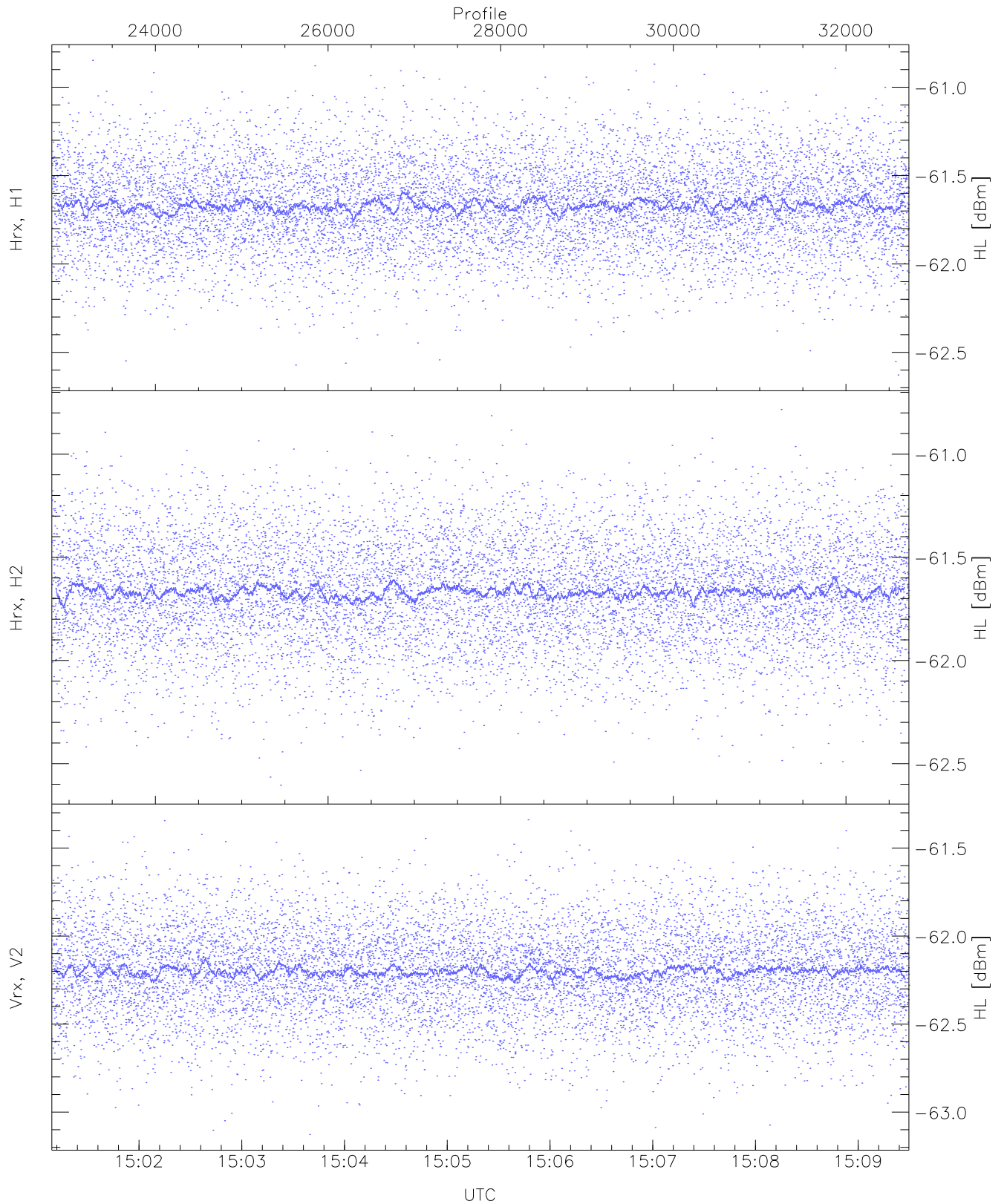
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9148 pixs, 7 gates, 8835 profs, 1 prods



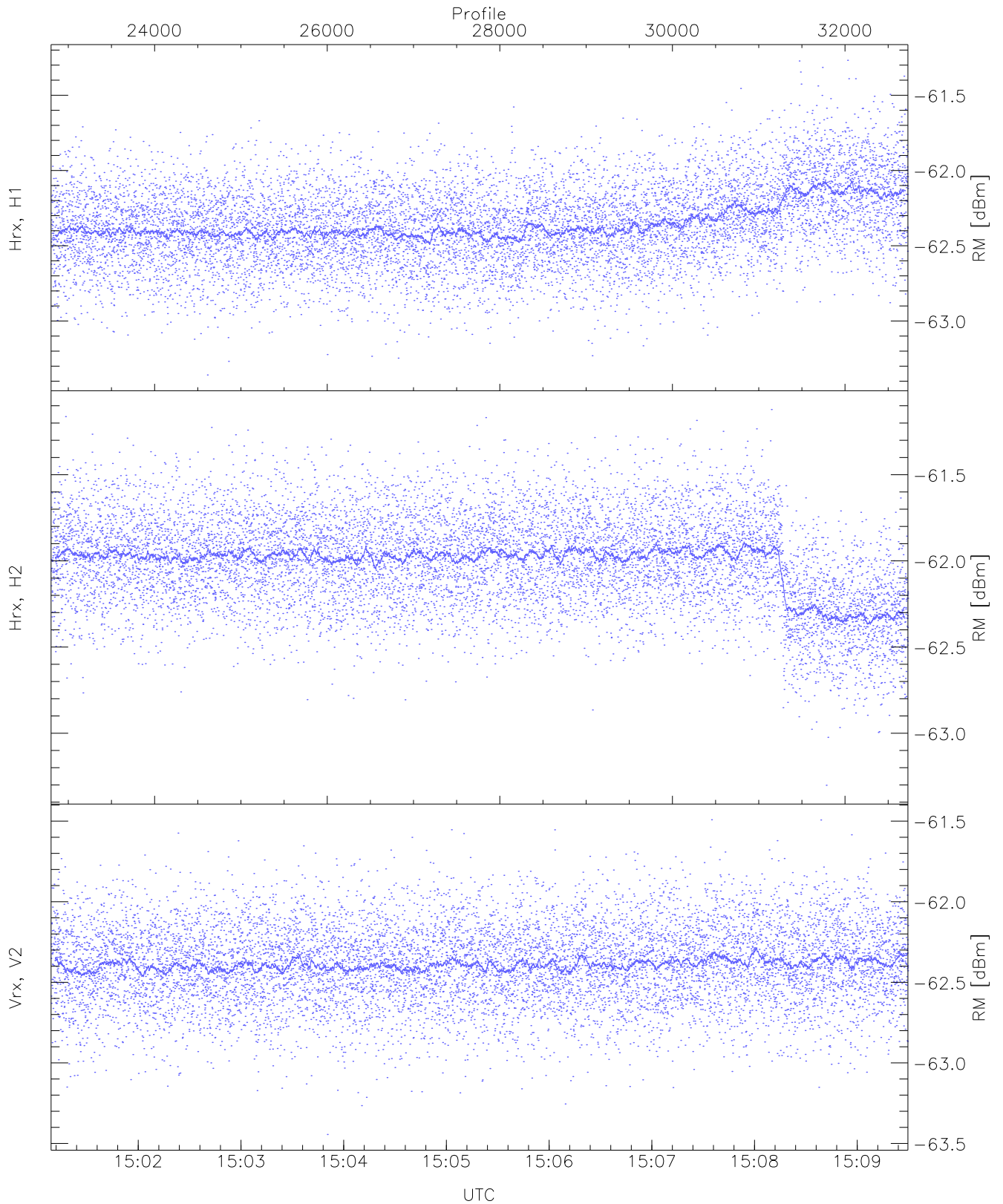
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.88	-61.03	-61.90	-61.91	-74.43
Hrx, H2 (WL [dBm])	-62.87	-60.93	-61.89	-61.89	-74.50
Vrx, V2 (WL [dBm])	-63.31	-61.54	-62.41	-62.42	-74.93



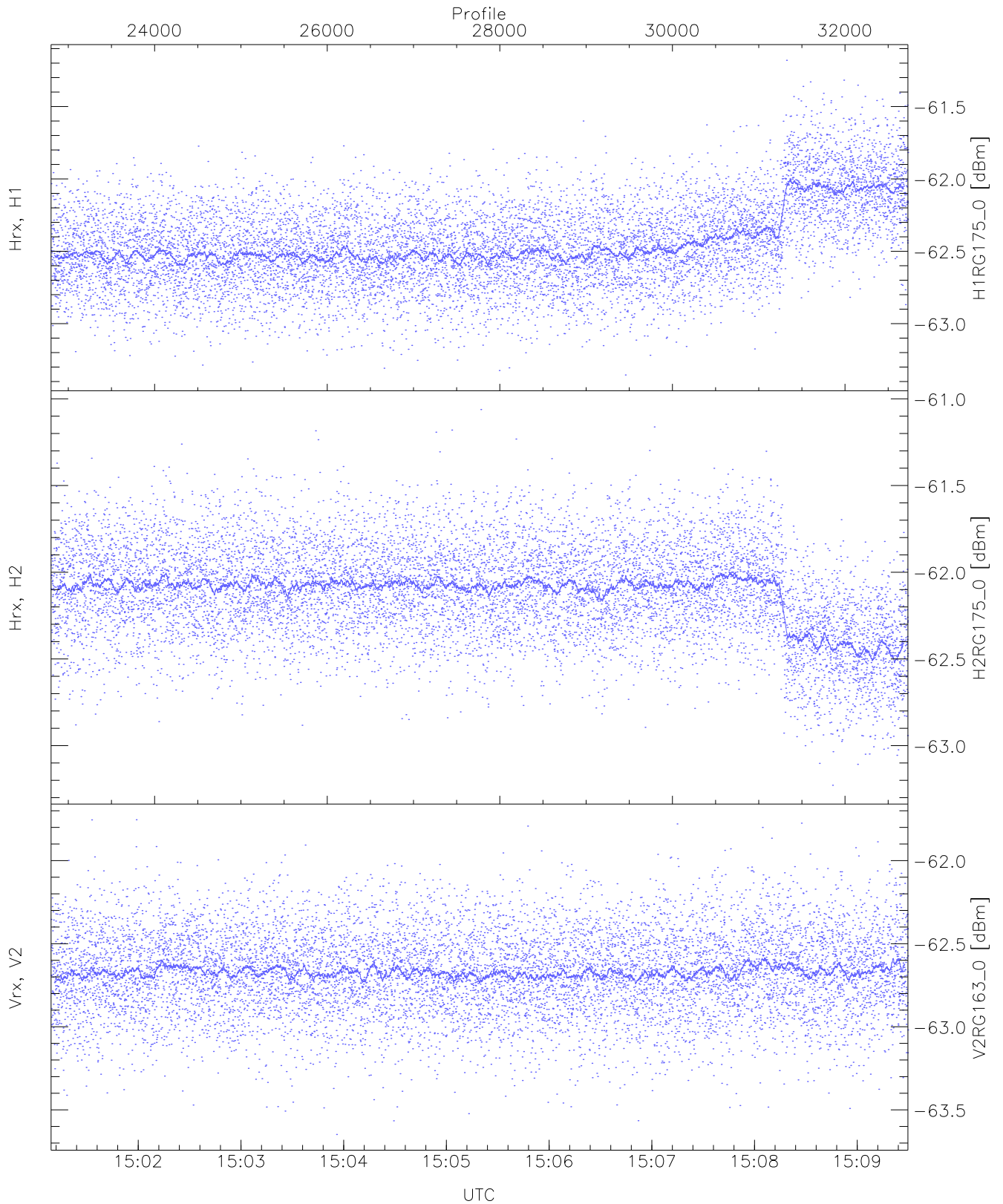
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.63	-60.85	-61.67	-61.67	-74.31
Hrx, H2 (HL [dBm])	-62.60	-60.78	-61.66	-61.67	-74.22
Vrx, V2 (HL [dBm])	-63.13	-61.34	-62.20	-62.20	-74.80



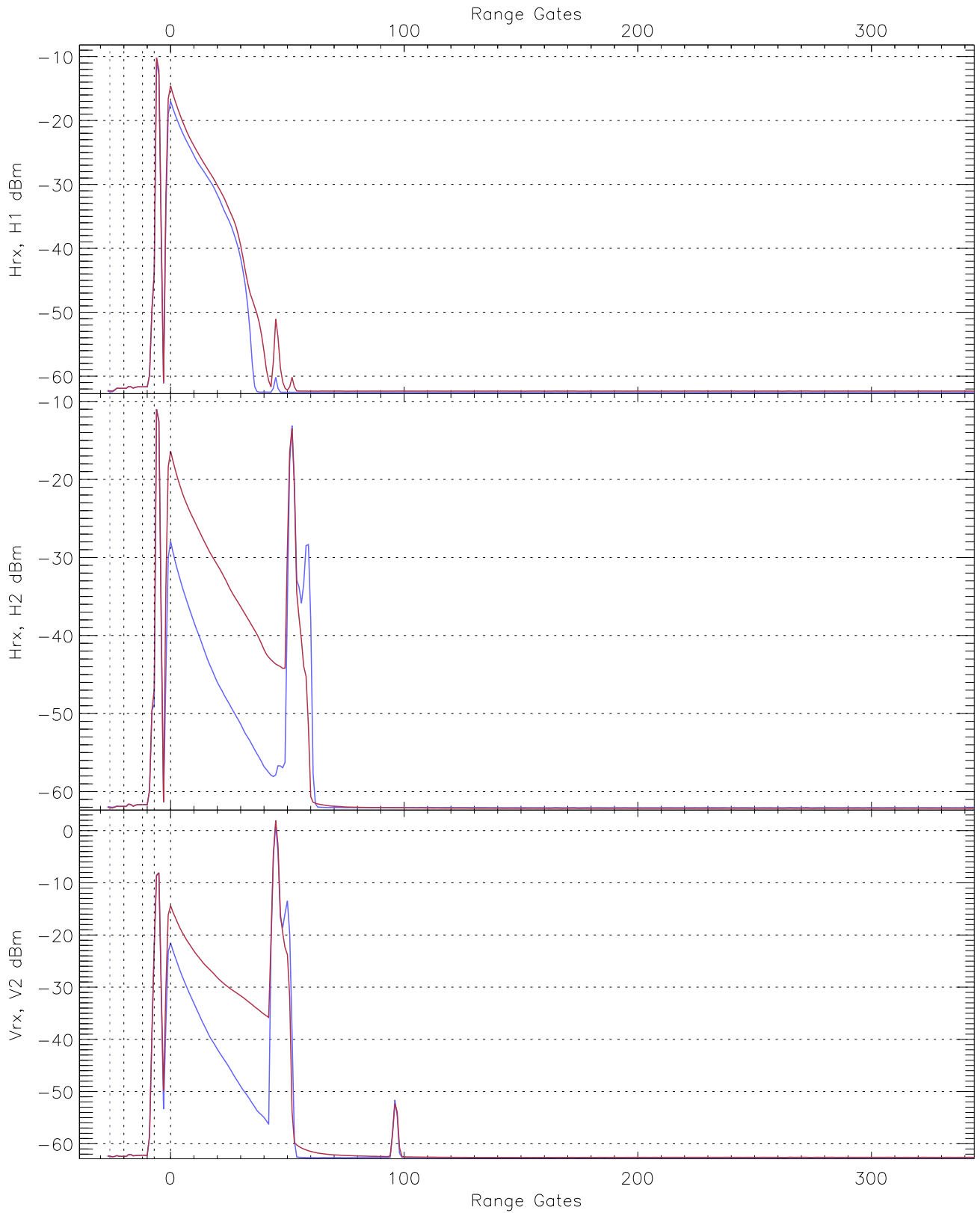
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.36	-61.27	-62.35	-62.36	-74.56
Hrx, H2 (RM [dBm])	-63.30	-61.12	-62.01	-62.00	-74.15
Vrx, V2 (RM [dBm])	-63.44	-61.49	-62.38	-62.39	-74.94

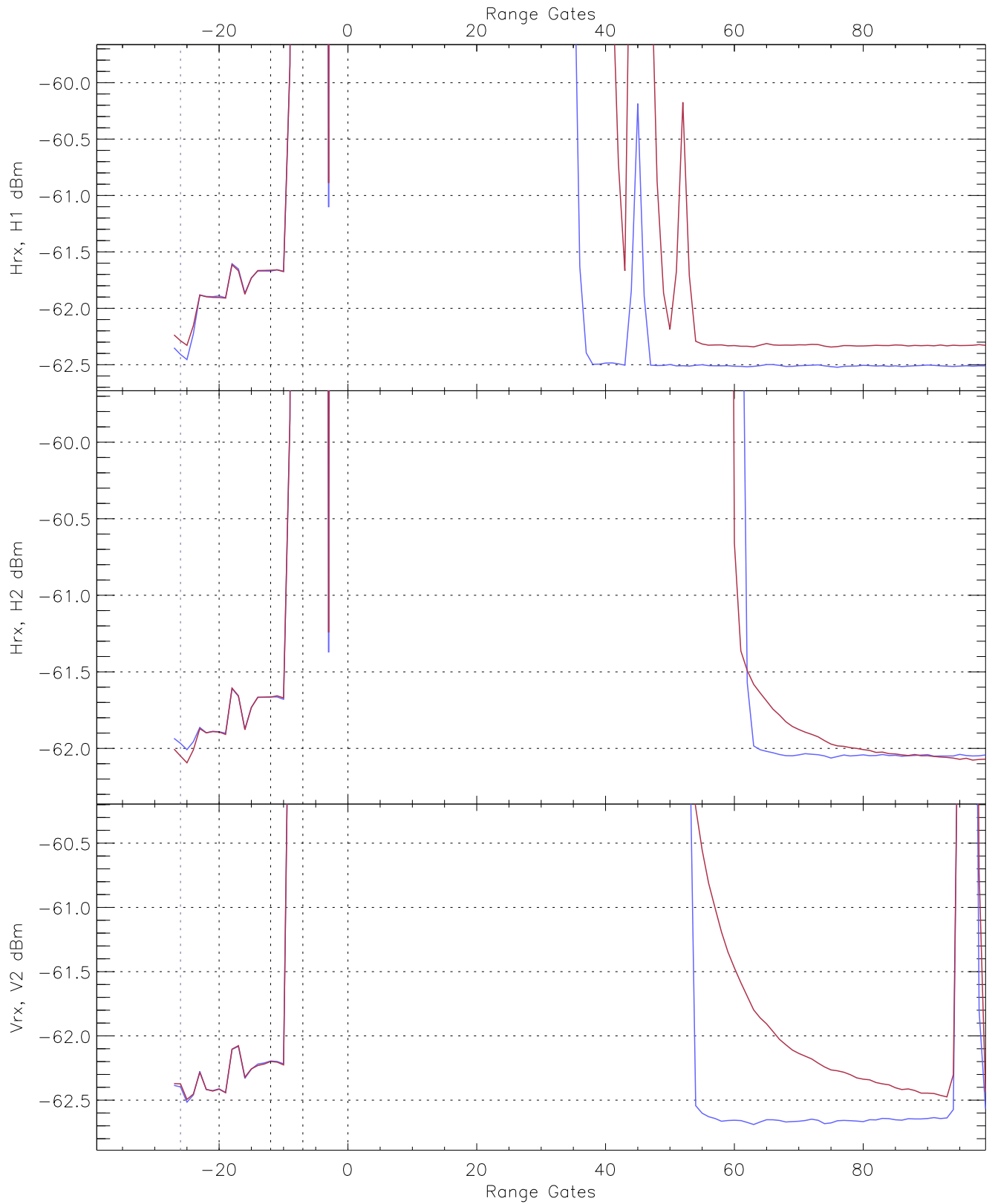


WCR2 CPP "Best" estimate Receivers Noise Power

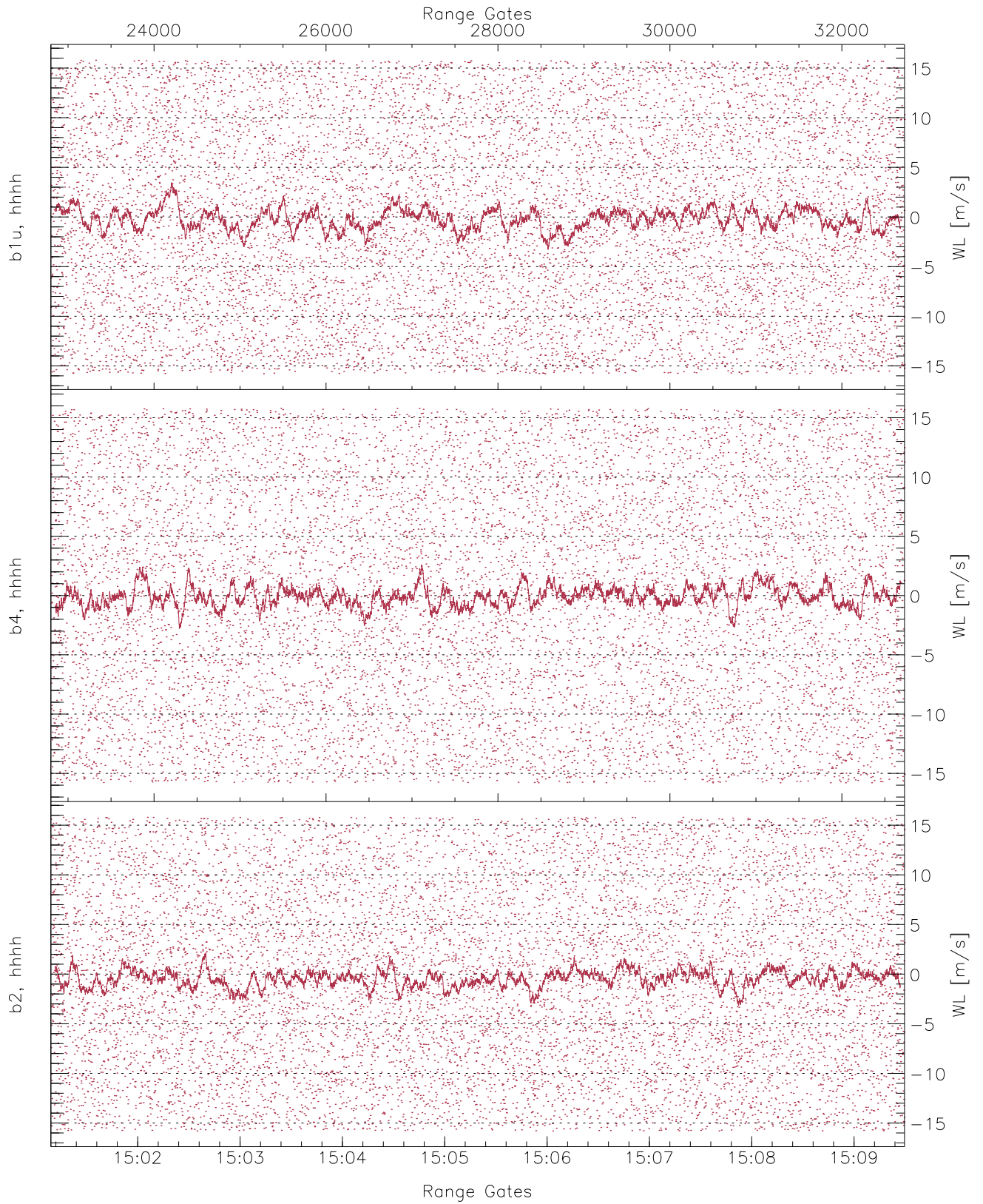
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.35	-61.18	-62.44	-62.46	-74.10
H2RG175_0 [dBm]	-63.23	-61.06	-62.11	-62.11	-74.19
V2RG163_0 [dBm]	-63.65	-61.75	-62.67	-62.67	-75.18



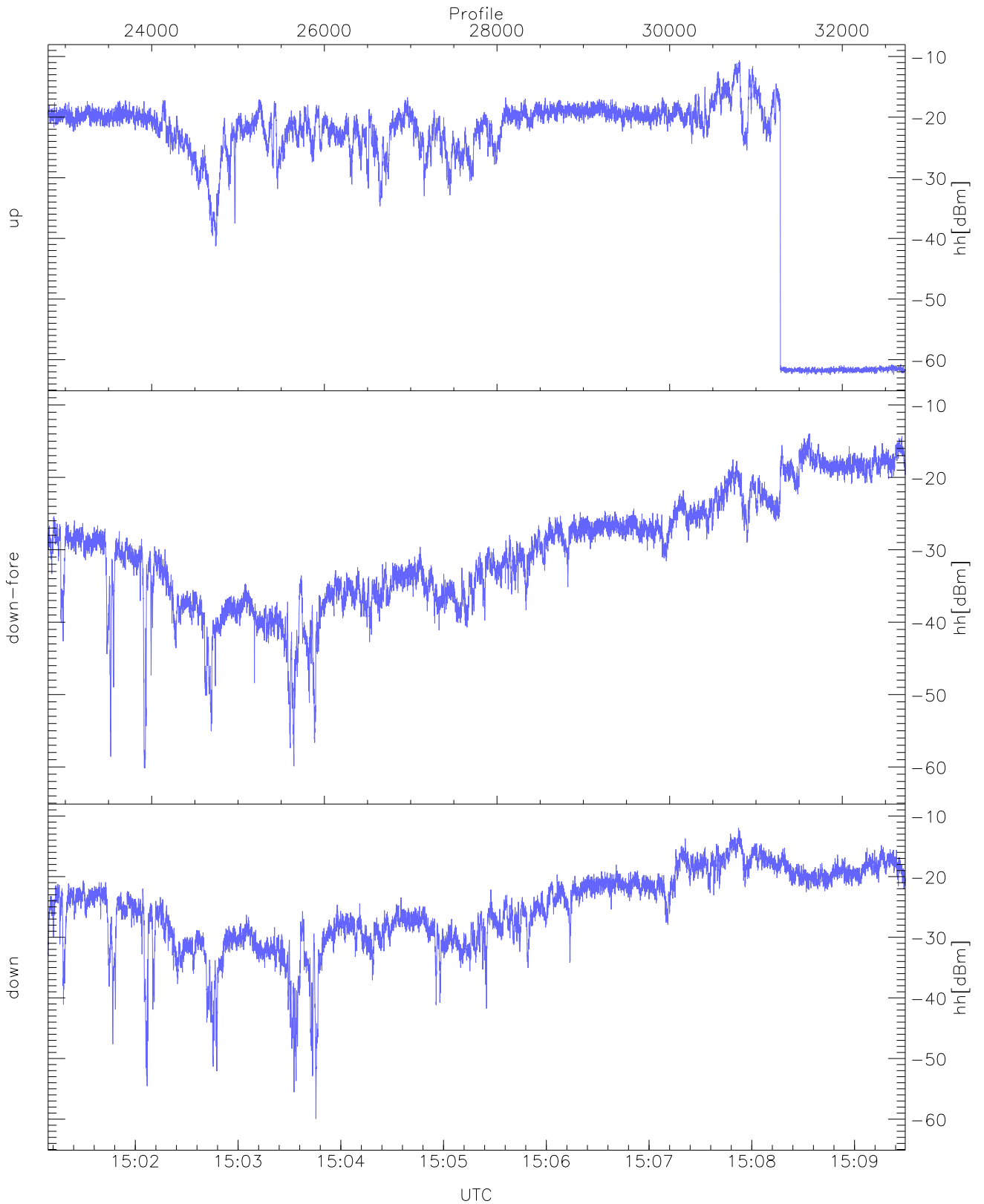
WCR2 CPP Averaged Received power for all recorded gates
blue: 150109-150519, 4966 profiles averaged
red: 150519-150930, 4965 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 150109-150519, 4966 profiles averaged
red: 150519-150930, 4965 profiles averaged

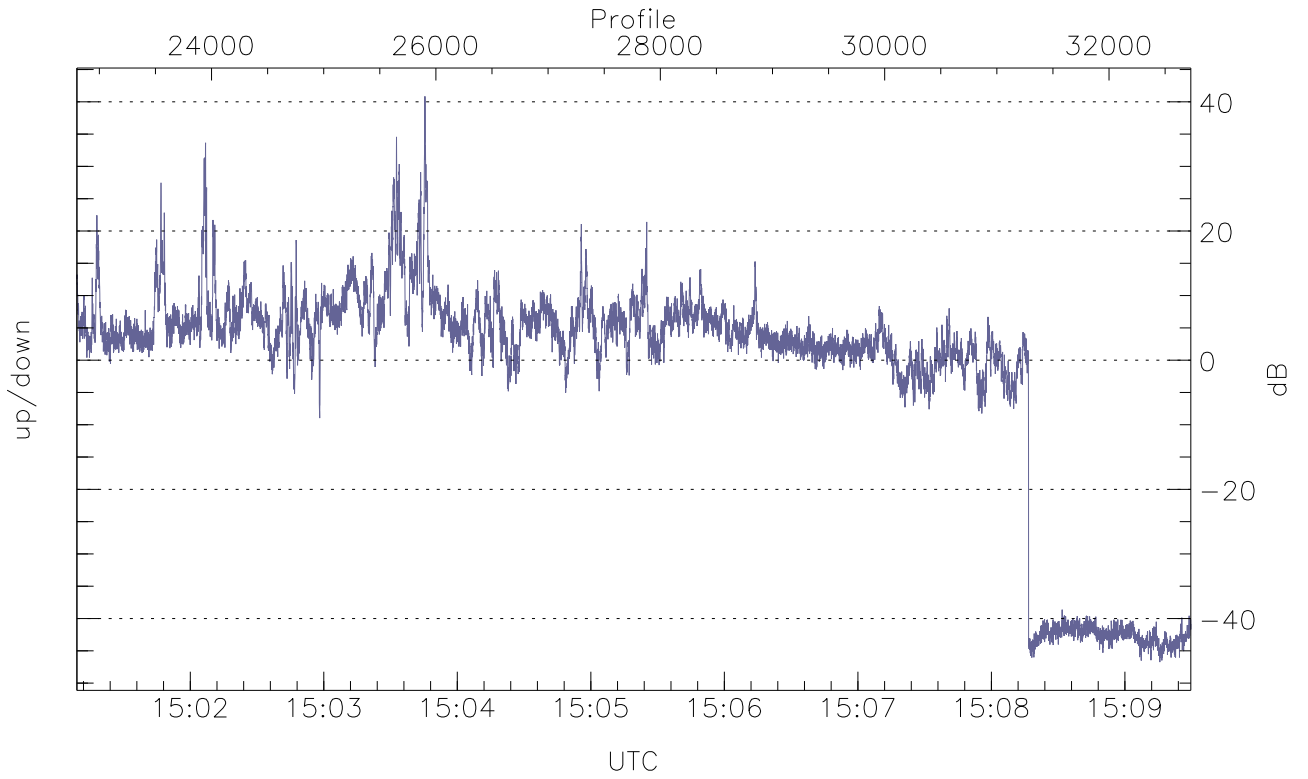


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



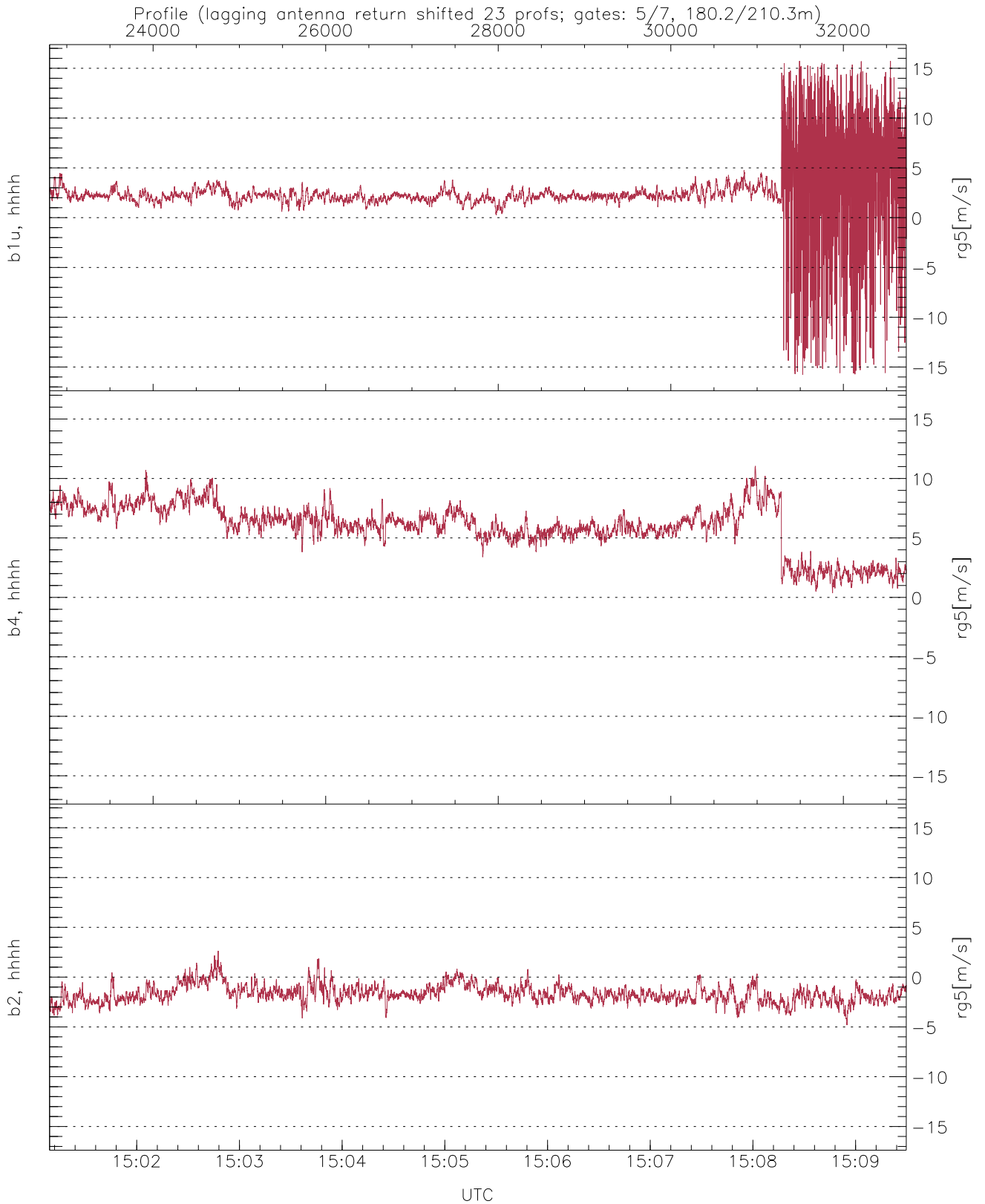
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-62.53	-10.63	-20.83
down-fore(hh[dBm])	-60.18	-13.95	-24.45
down(hh[dBm])	-59.94	-11.93	-21.94



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

	Min	Max	Mean
up/down (dB)	-46.74	40.85	-1.82
down/down-fore (dB)	-22.18	35.42	6.74



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.74	2.50	2.67
b4, hhhh(rg5[m/s])	0.36	11.05	5.98	1.96
b2, hhhh(rg5[m/s])	-4.79	2.64	-1.66	0.88