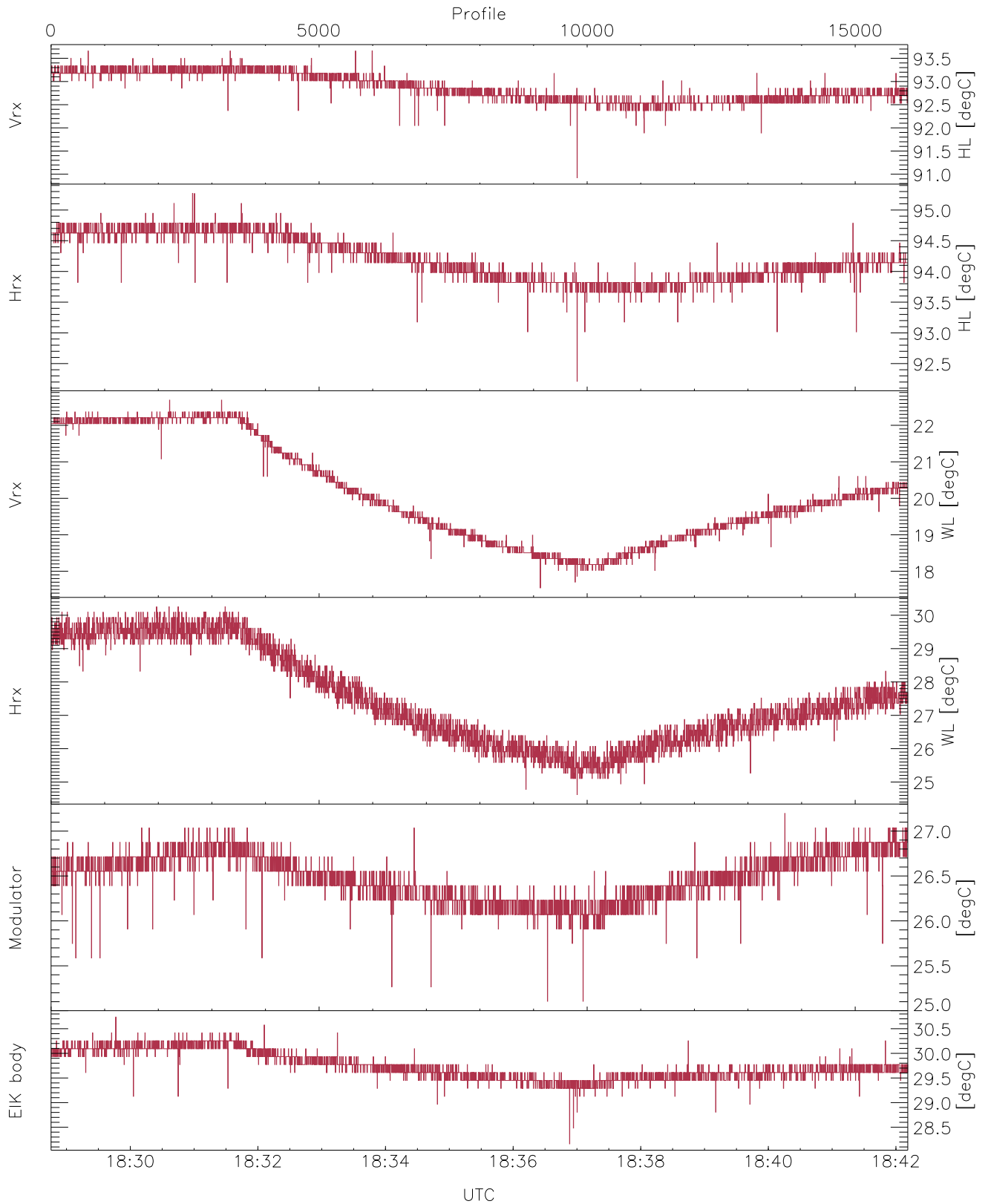


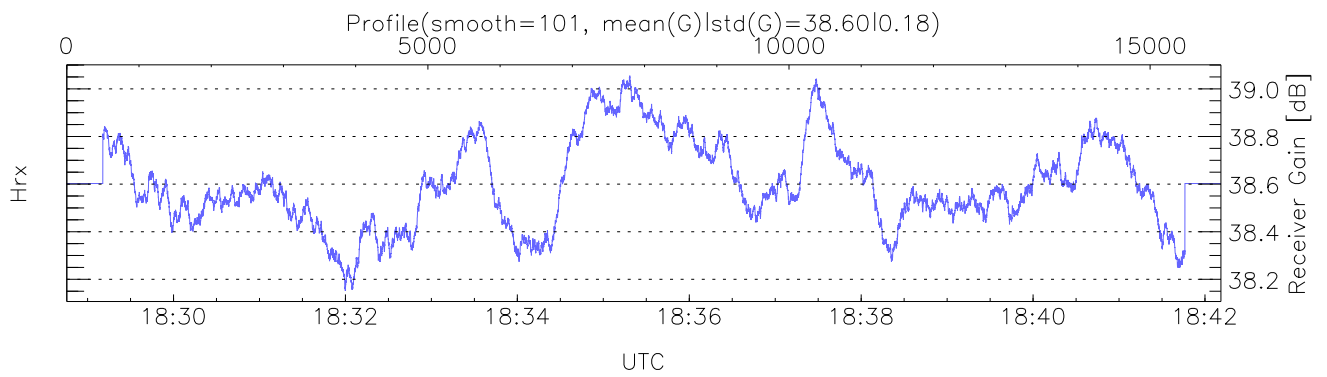
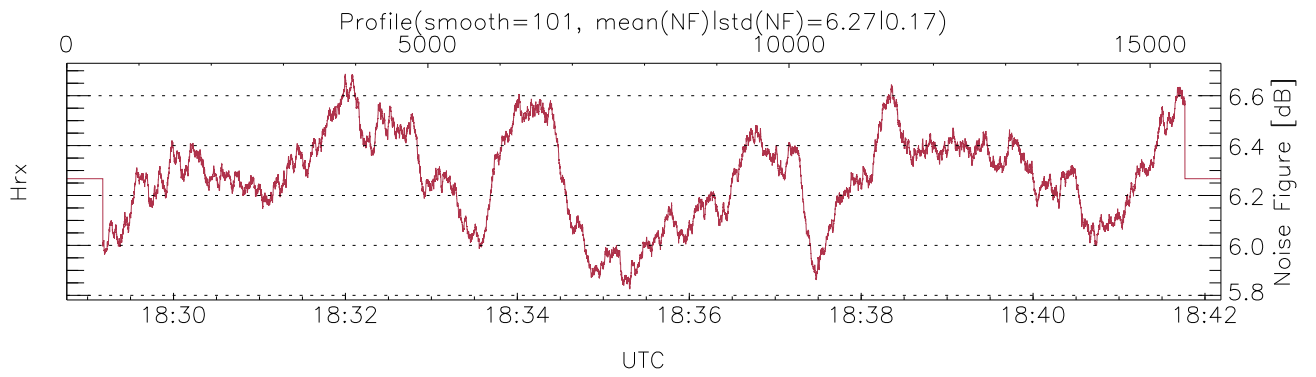
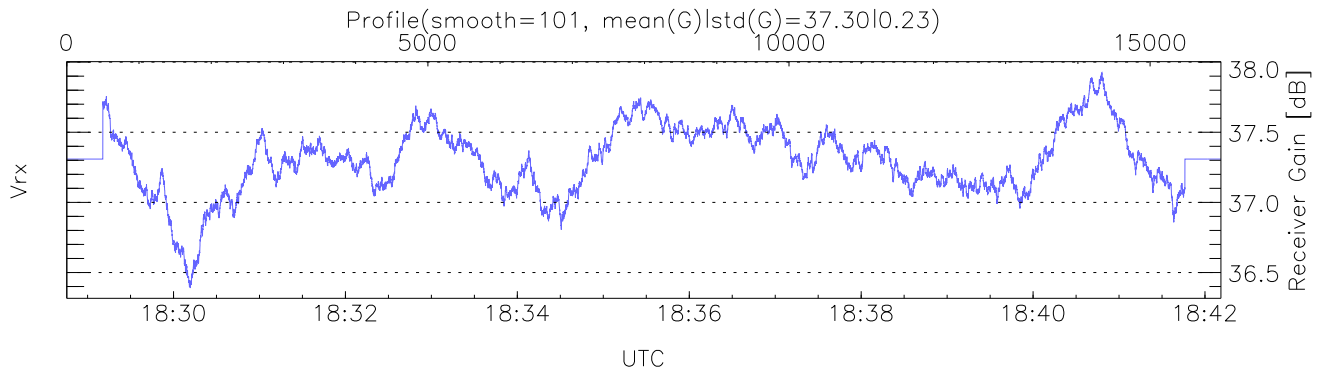
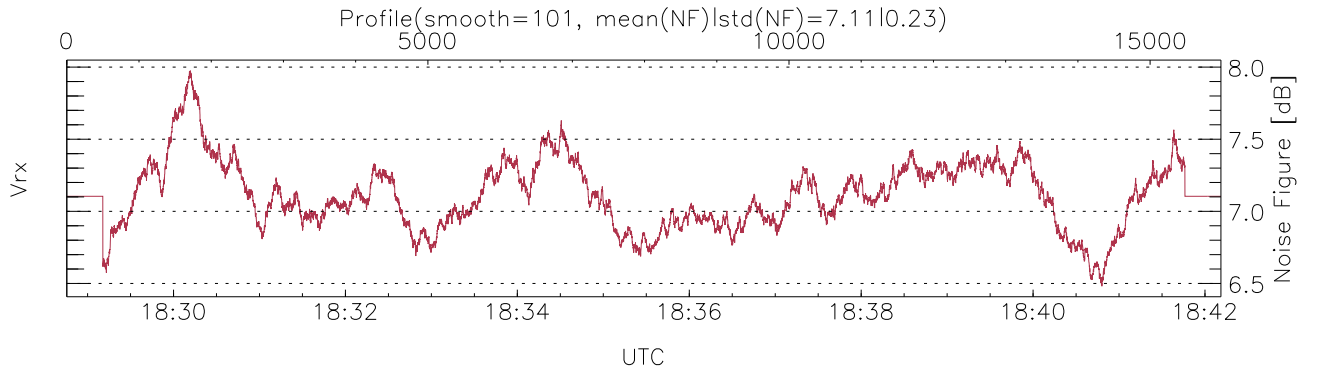
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:28:45-18:42:11, Dur: 805.64s
 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): 15982/15982, 0-15981/18:28:45-18:42:11
 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



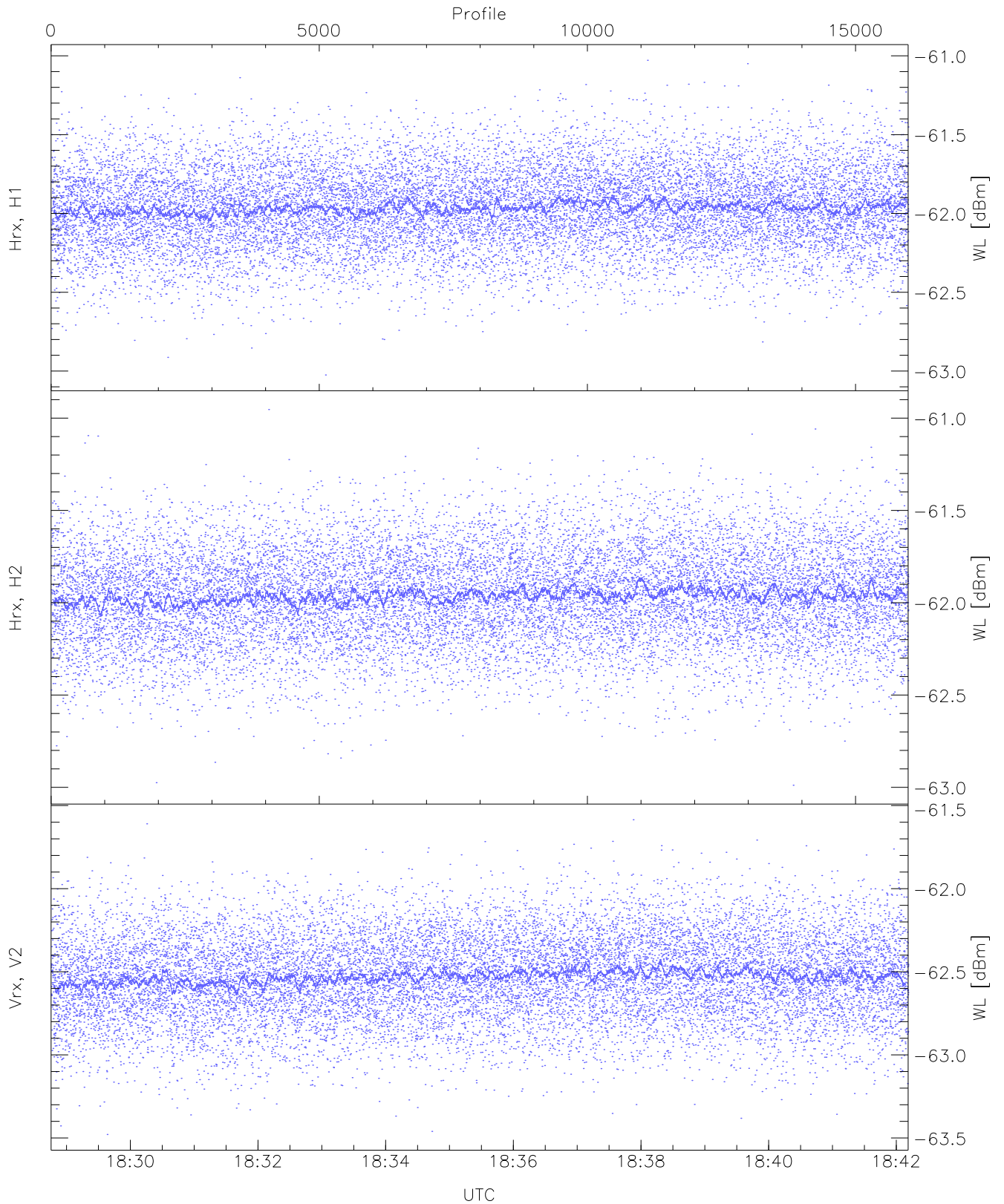
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,17,24,25,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,27,30
 LOalarm(20,80,240,2.8,14.8 MHz): 11,0,0,0,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty (38,38,38,38,38)



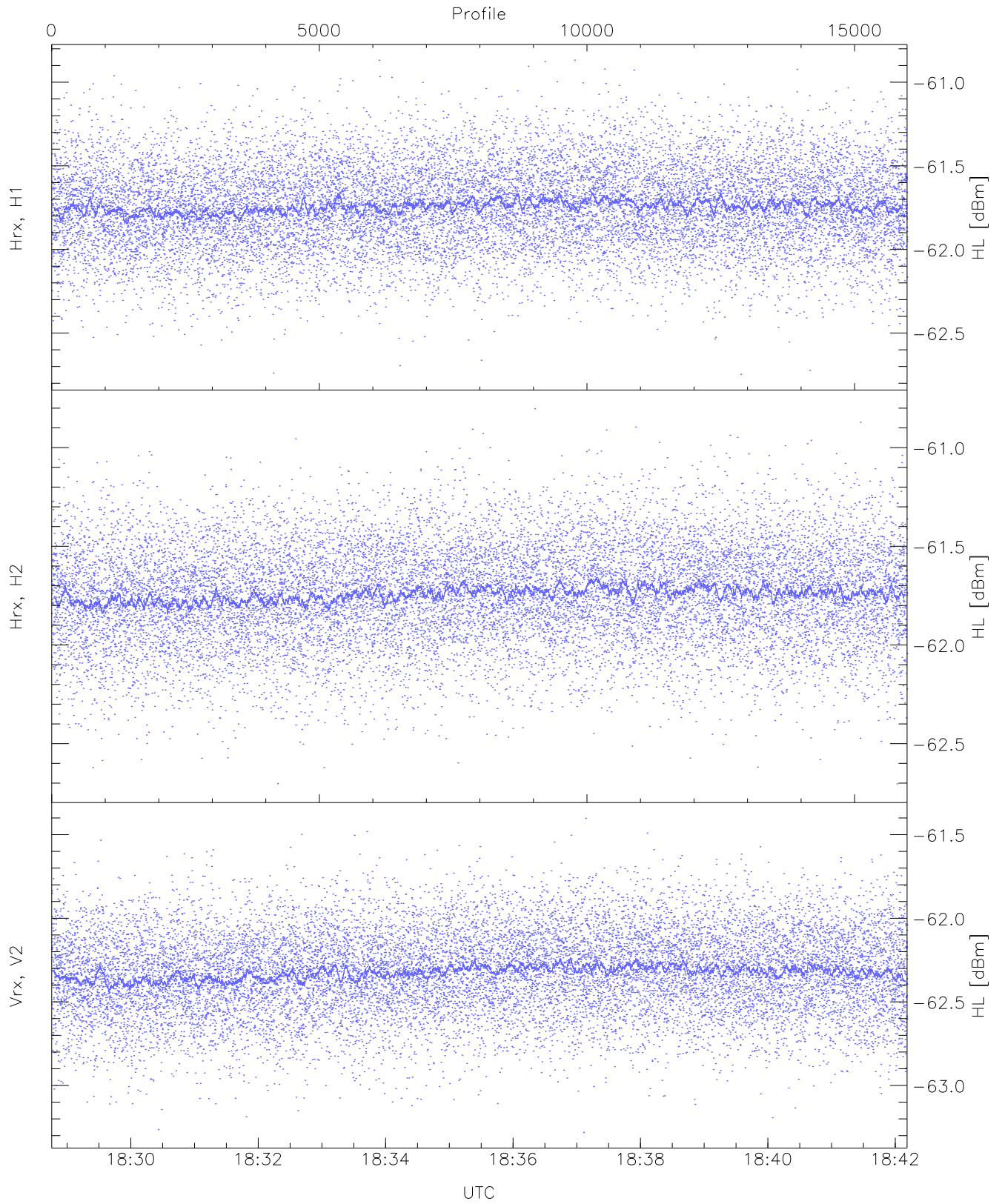
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3738 pixs, 7 gates, 3737 profs, 1 prods



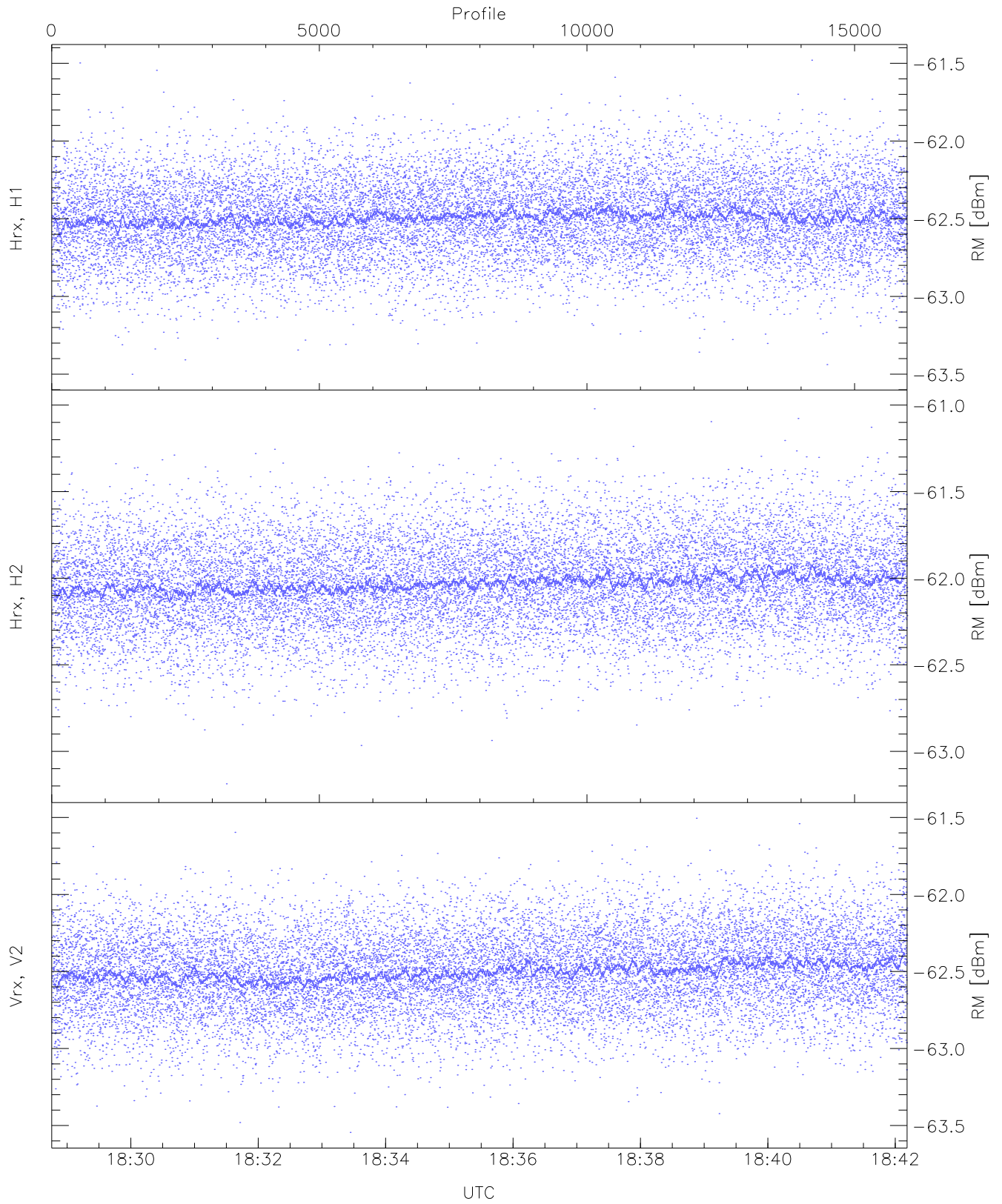
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.03	-61.03	-61.96	-61.97	-74.53
Hrx, H2 (WL [dBm])	-62.99	-60.95	-61.96	-61.96	-74.52
Vrx, V2 (WL [dBm])	-63.48	-61.59	-62.53	-62.53	-75.07



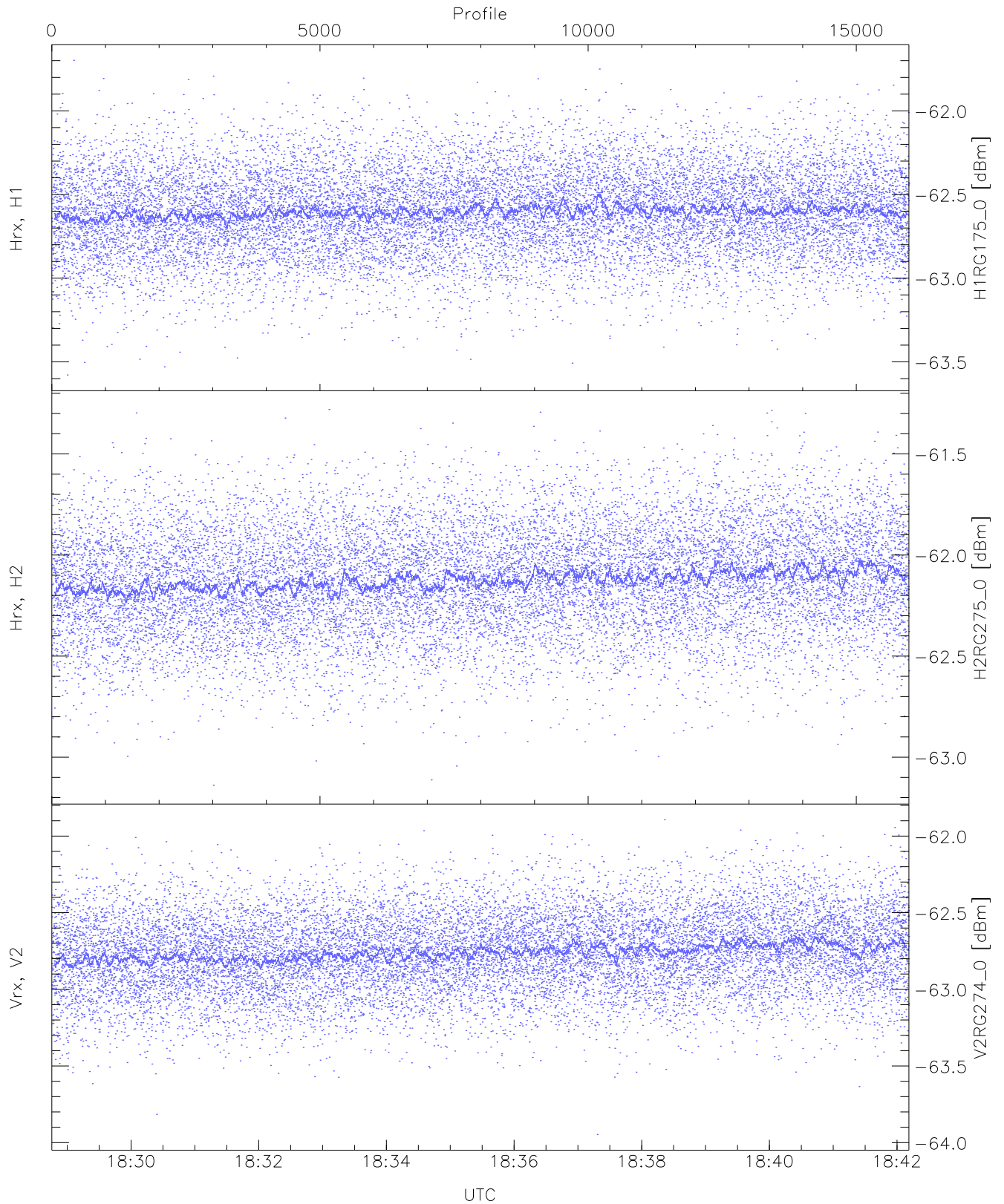
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.75	-60.87	-61.74	-61.74	-74.29
Hrx, H2 (HL [dBm])	-62.70	-60.80	-61.74	-61.74	-74.31
Vrx, V2 (HL [dBm])	-63.28	-61.40	-62.32	-62.32	-74.88



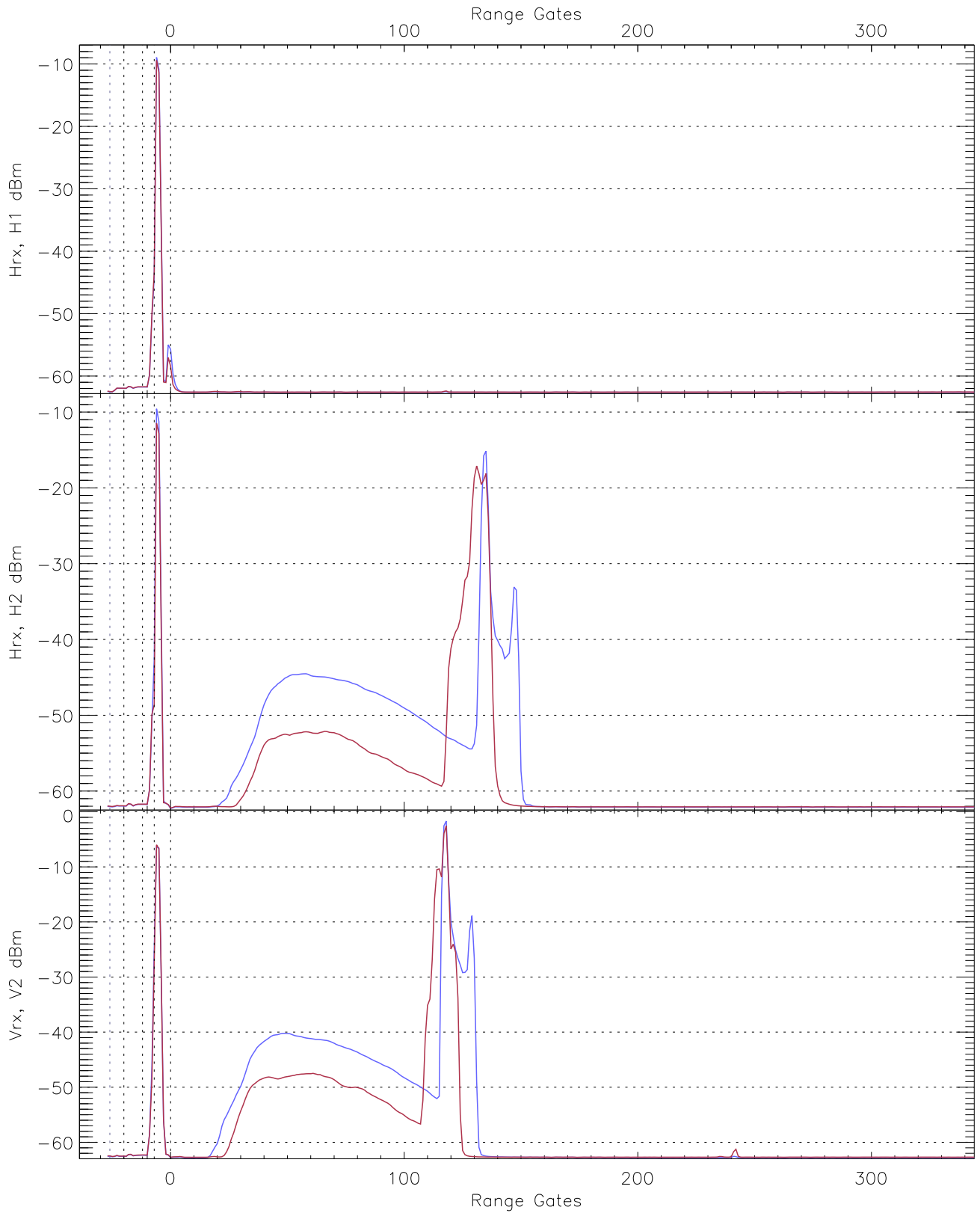
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.50	-61.48	-62.49	-62.49	-75.05
Hrx, H2 (RM [dBm])	-63.19	-61.02	-62.03	-62.03	-74.55
Vrx, V2 (RM [dBm])	-63.54	-61.51	-62.50	-62.50	-74.95

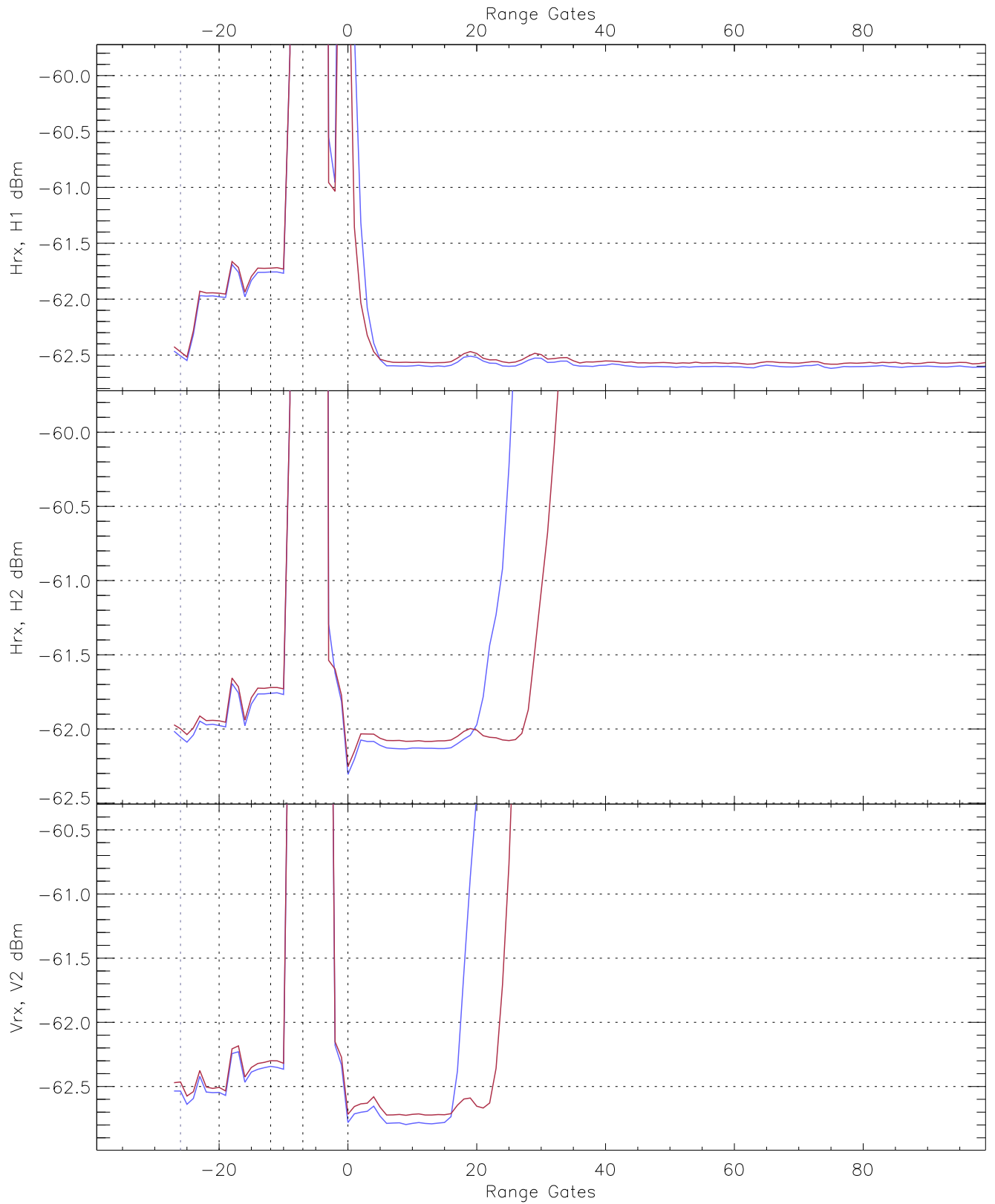


WCR2 CPP "Best" estimate Receivers Noise Power

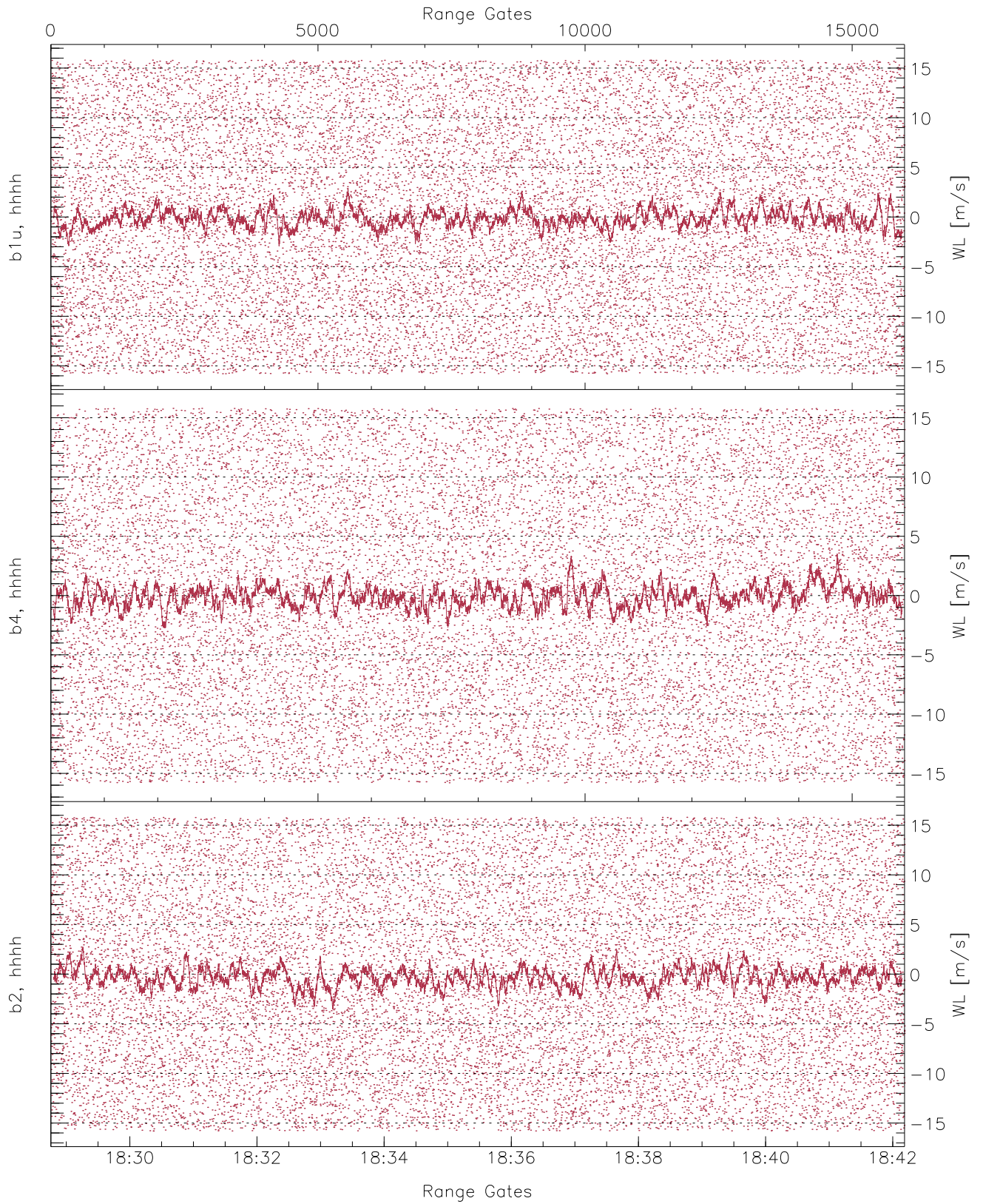
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.58	-61.70	-62.60	-62.60	-75.14
H2RG275_0 [dBm]	-63.14	-61.28	-62.12	-62.13	-74.61
V2RG274_0 [dBm]	-63.95	-61.89	-62.76	-62.76	-75.27



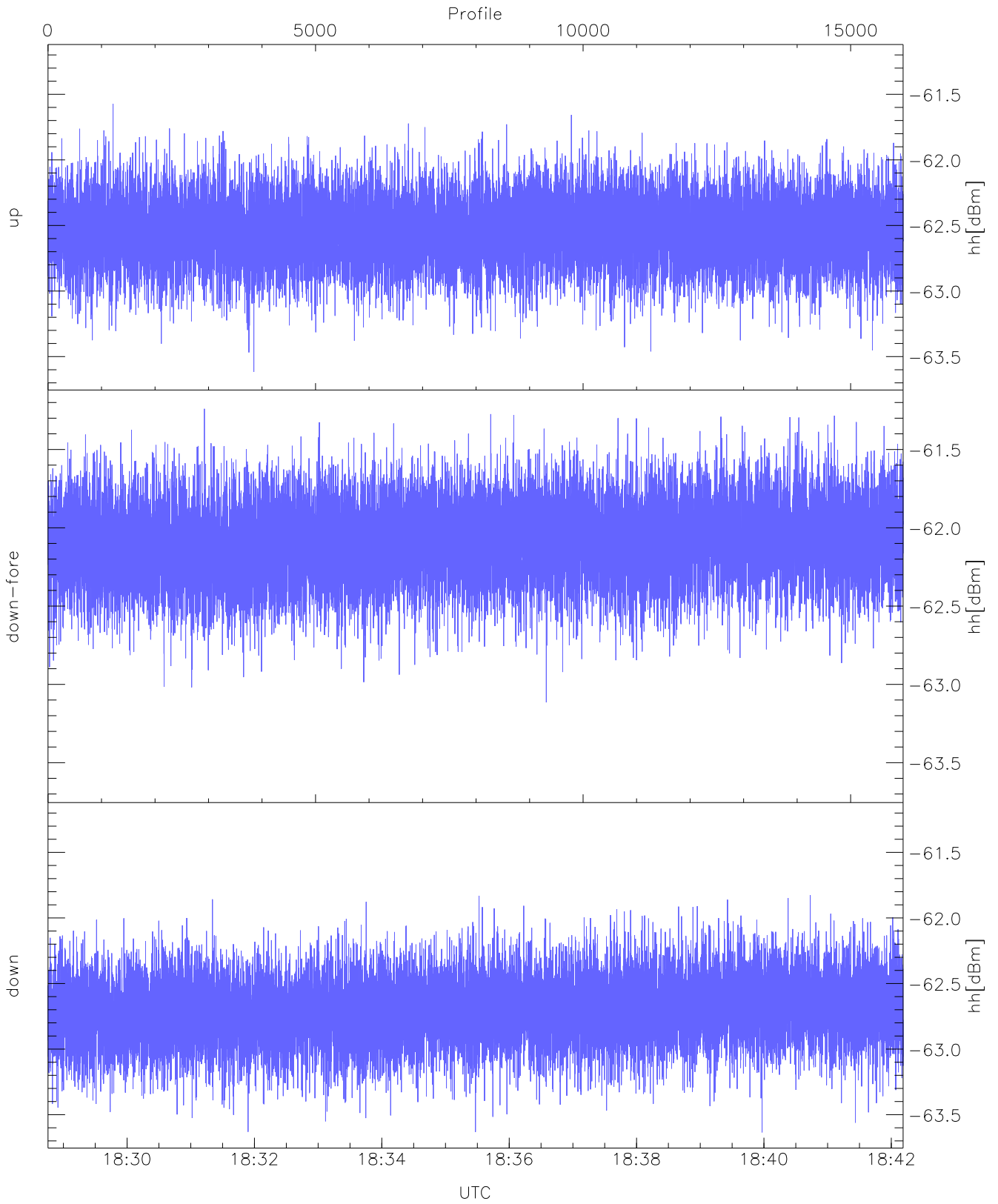
WCR2 CPP Averaged Received power for all recorded gates
blue: 182845-183528, 7992 profiles averaged
red: 183528-184211, 7991 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182845-183528, 7992 profiles averaged
red: 183528-184211, 7991 profiles averaged

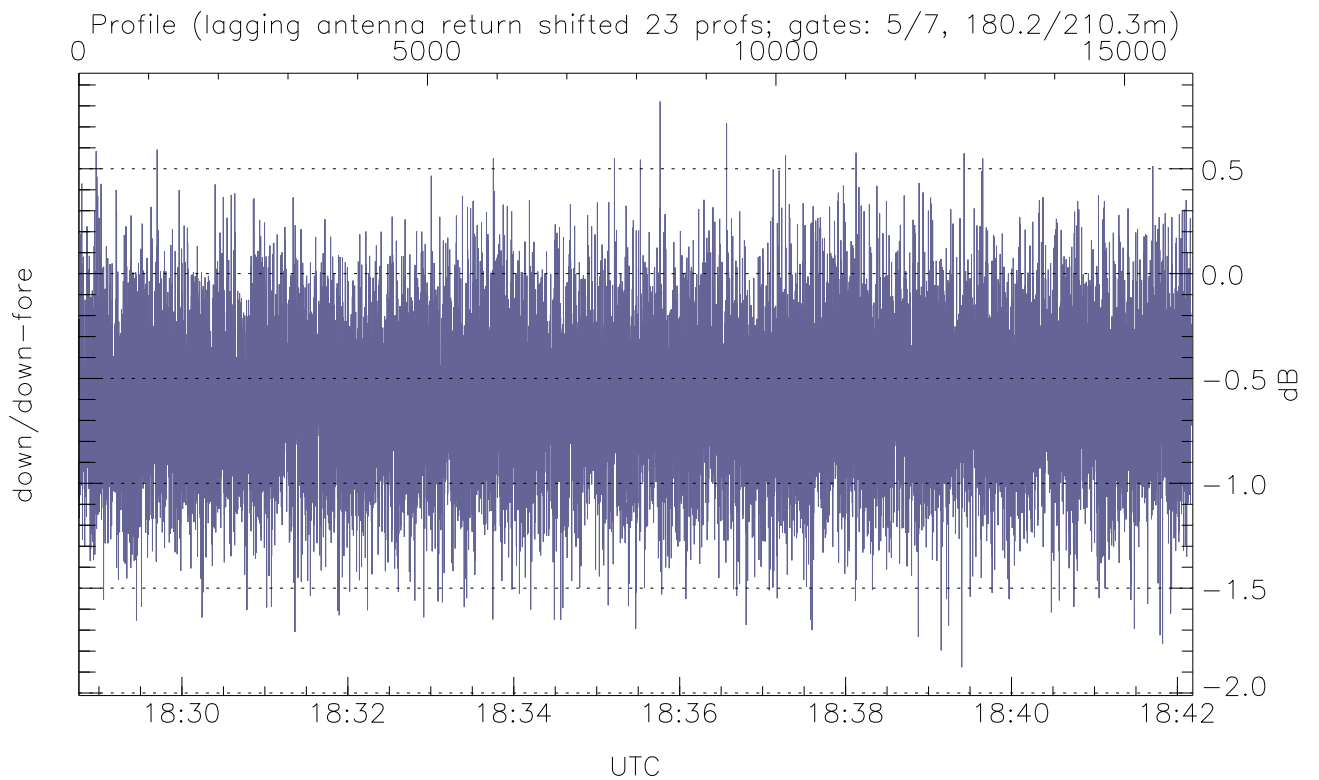
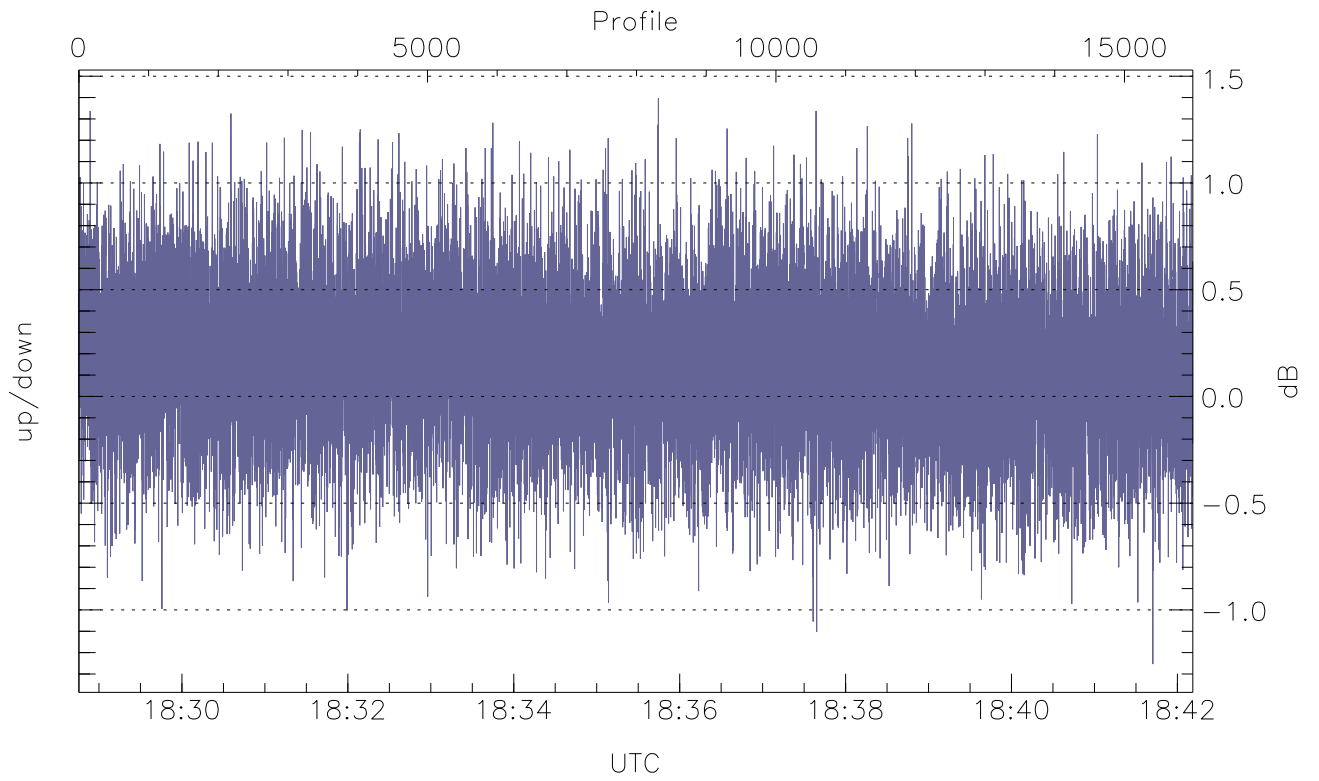


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



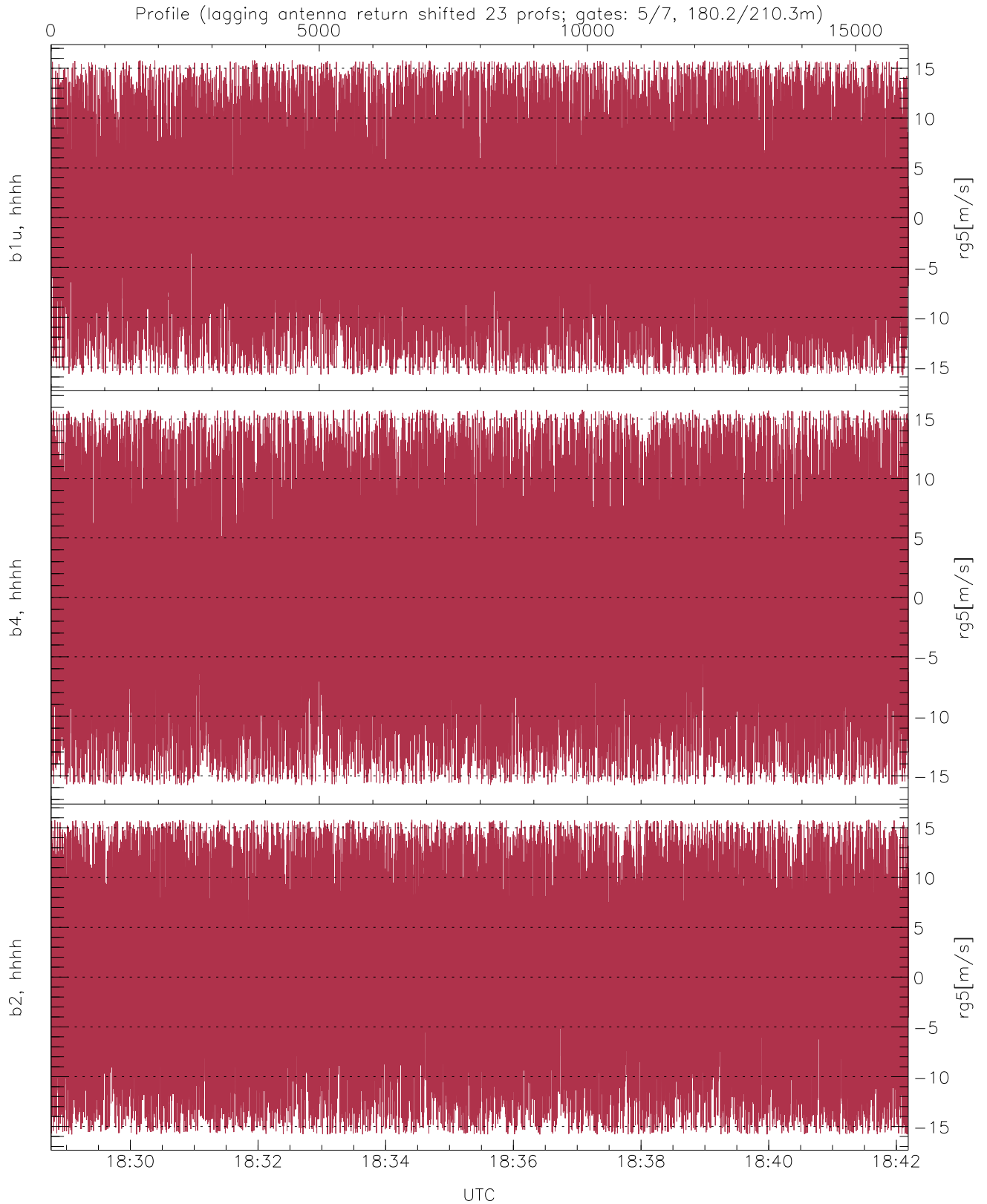
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.62	-61.57	-62.54
down-fore(hh[dBm])	-63.12	-61.24	-62.09
down(hh[dBm])	-63.63	-61.83	-62.70



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

	Min	Max	Mean
up/down (dB)	-1.25	1.40	0.16
down/down-fore (dB)	-1.88	0.82	-0.59



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.27	8.68
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.11	8.97
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.32	9.11