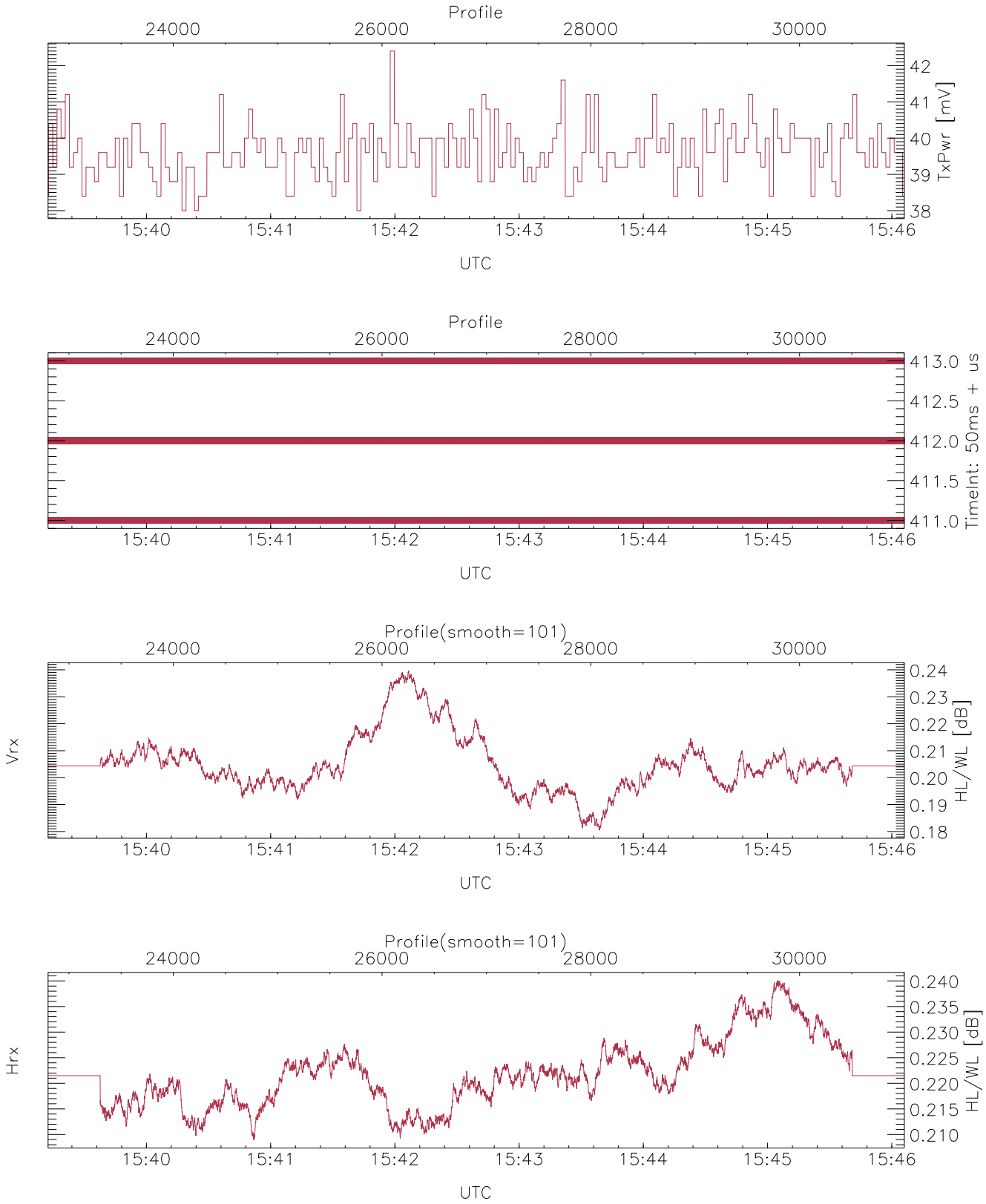
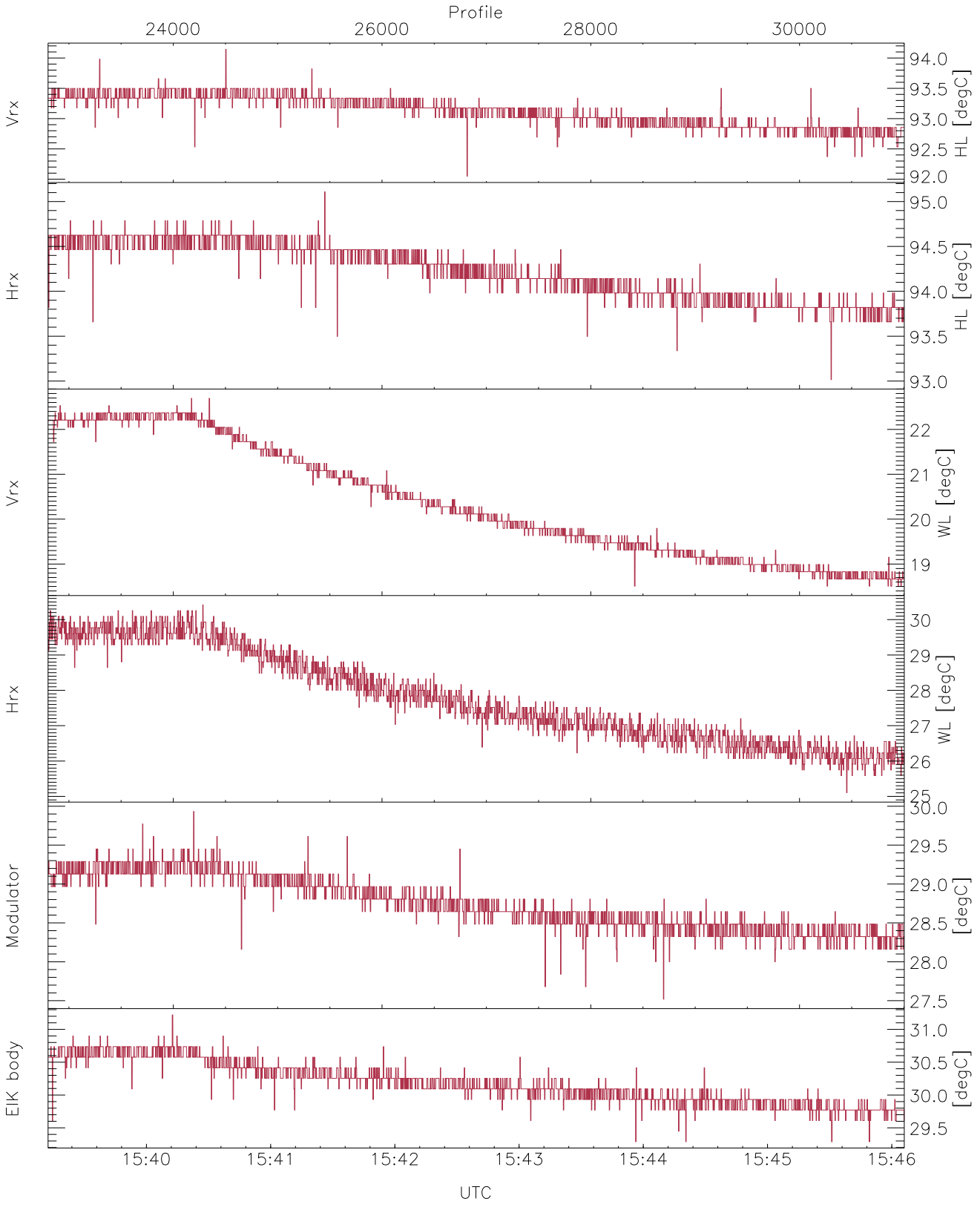


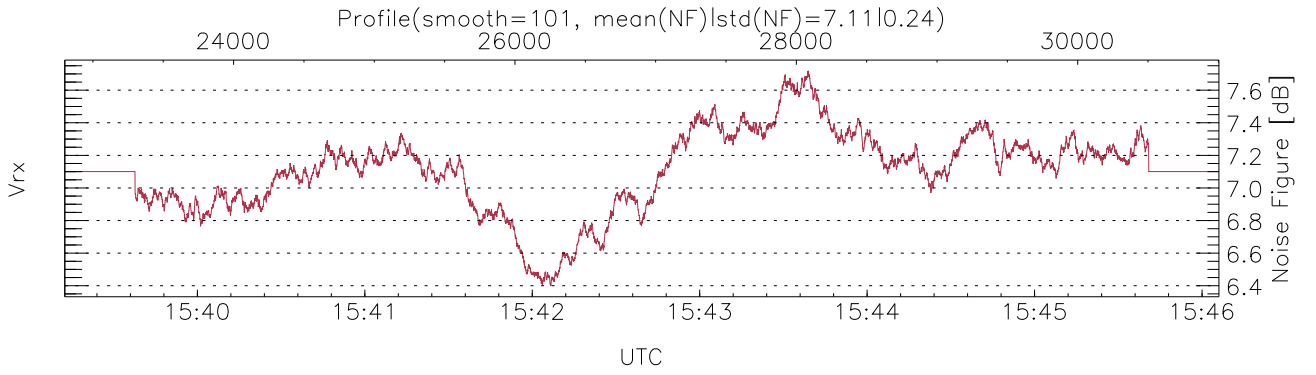
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

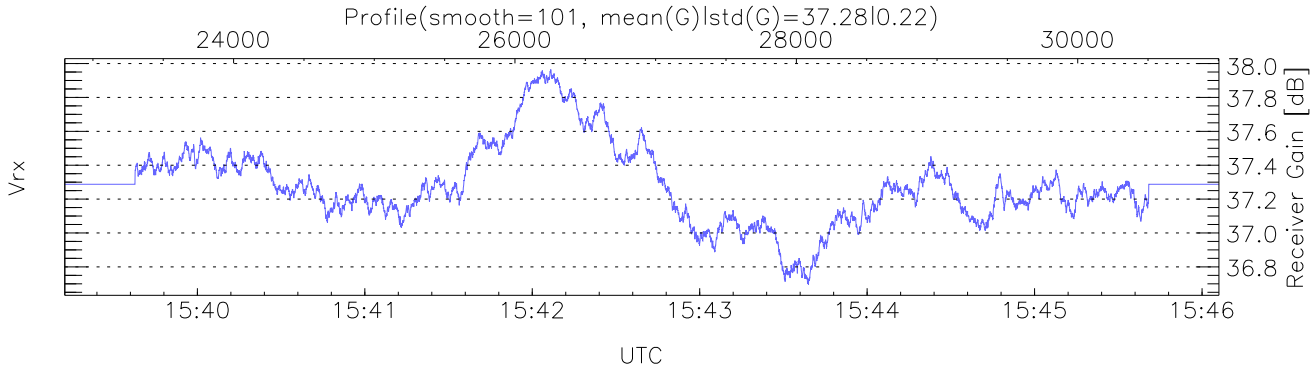
UTC: 15:20:03-15:46:06, Dur: 1562.99s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 8205/31005, 22800-31004/15:39:12-15:46:06
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

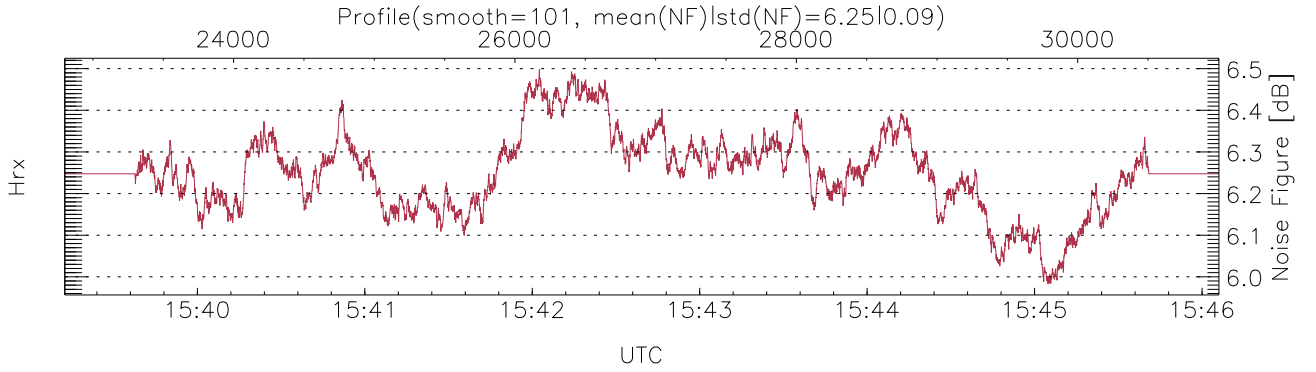


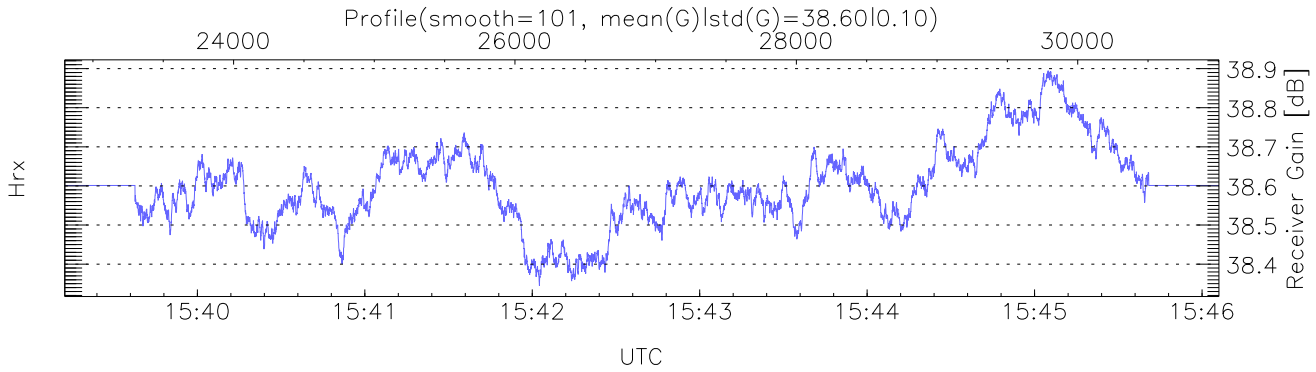
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,18,25,27,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,95,22,30,29,31
LOalarm(20,80,240,2.8,14.8 MHz): 5,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (6,6,6,6,6,5)



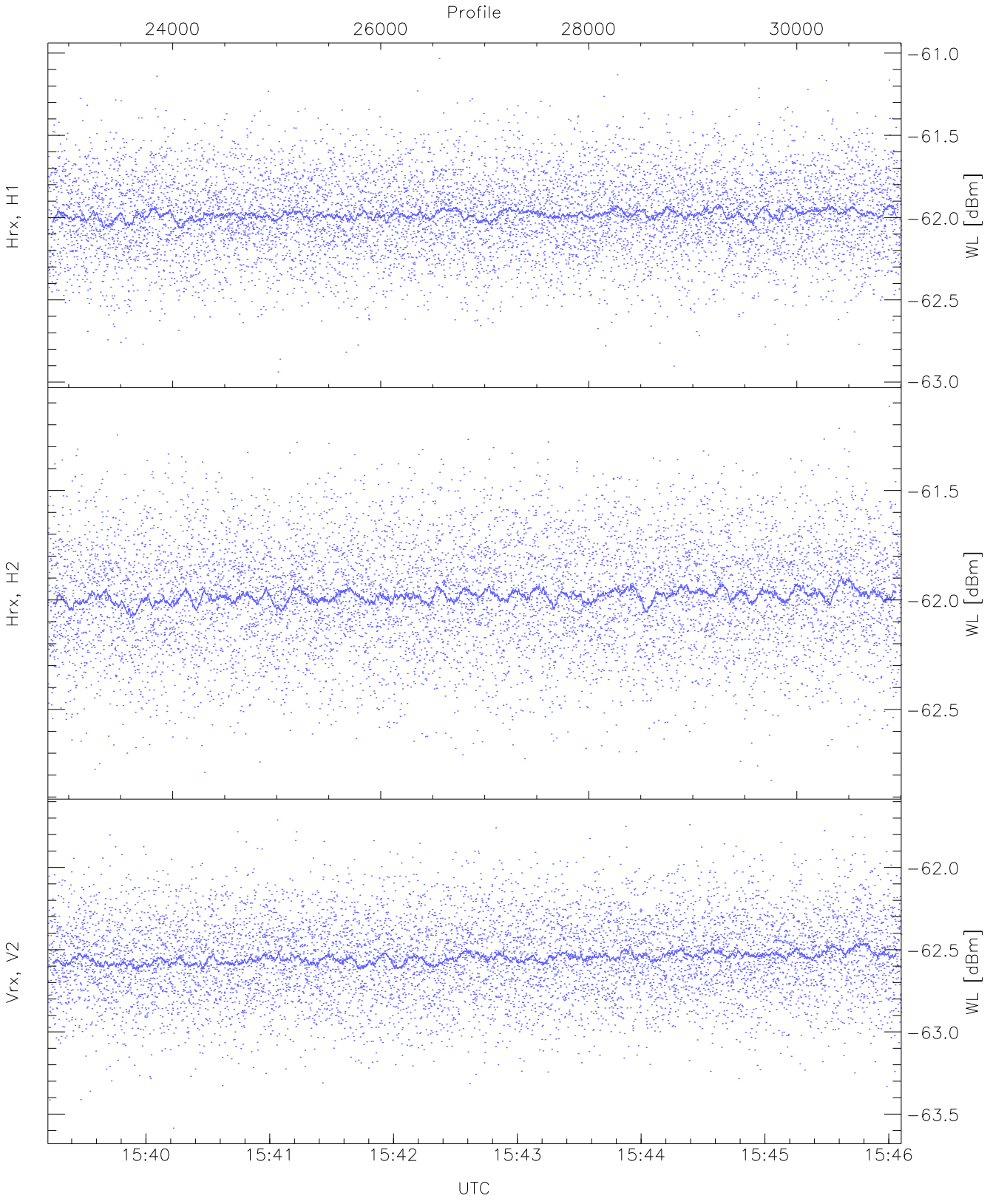






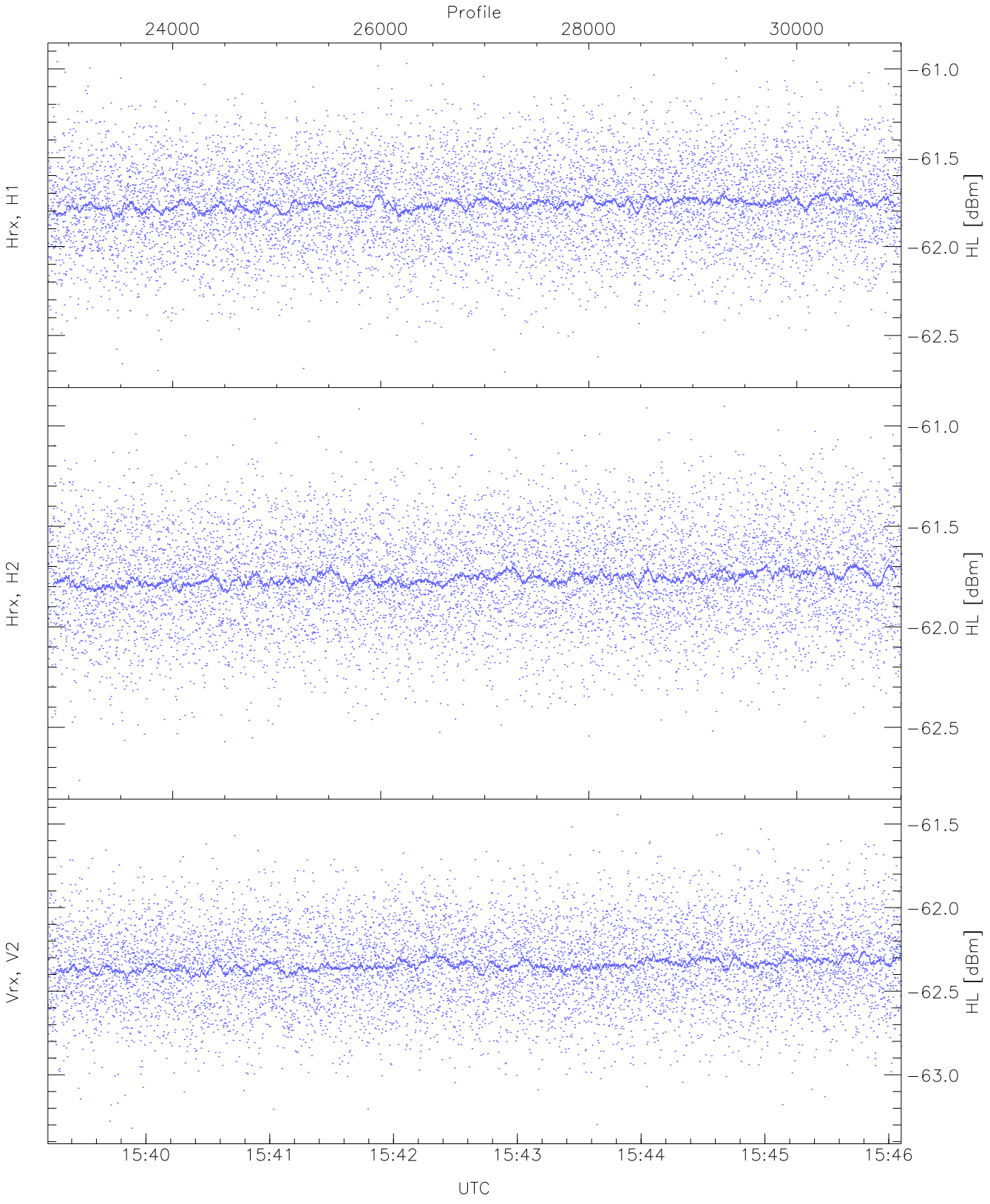
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9378 pixs, 15 gates, 7087 profs, 2 prods



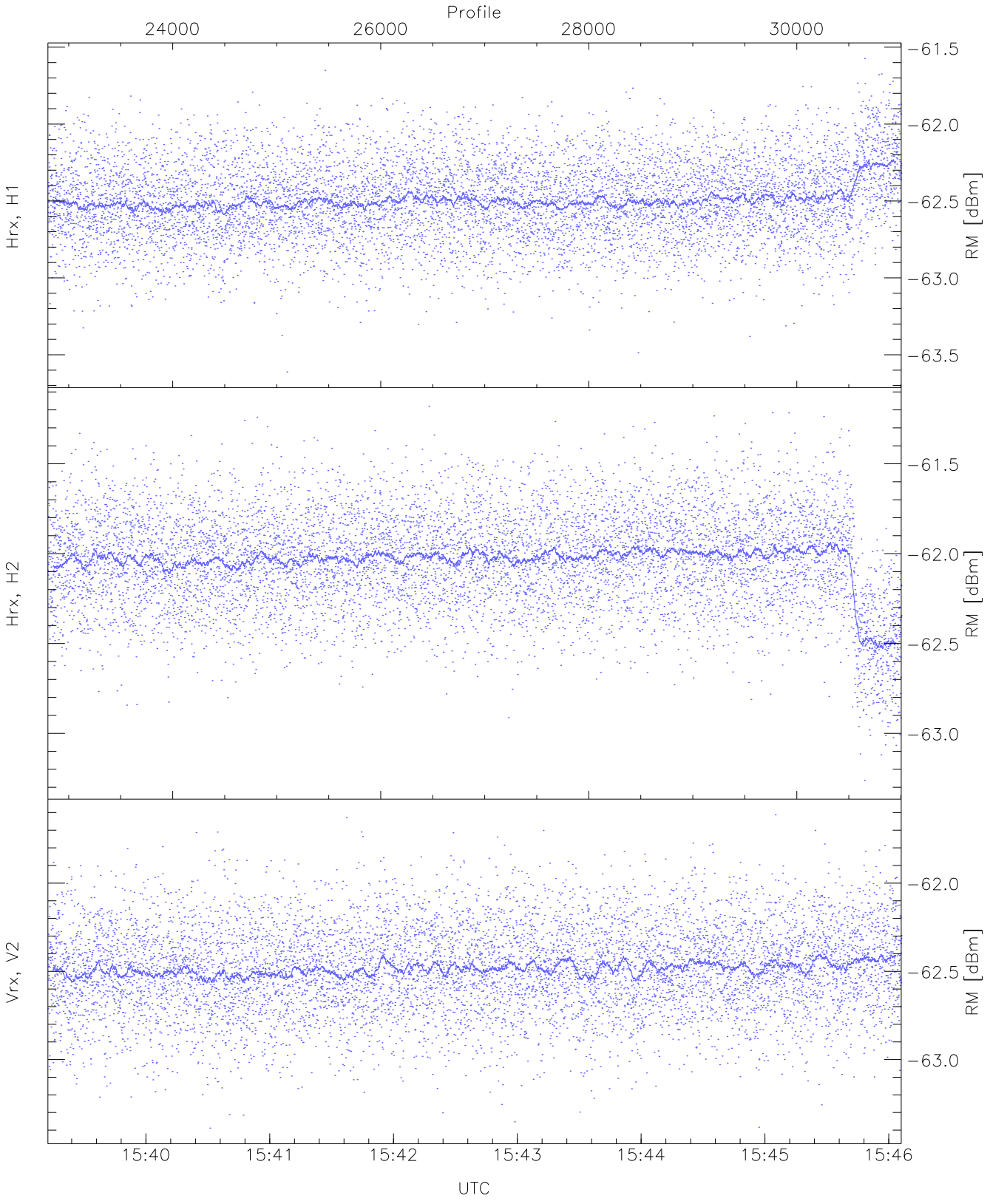
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.94	-61.03	-61.98	-61.98	-74.57
Hrx, H2(WL [dBm])	-62.82	-61.12	-61.98	-61.98	-74.55
Vrx, V2(WL [dBm])	-63.59	-61.68	-62.54	-62.55	-75.08



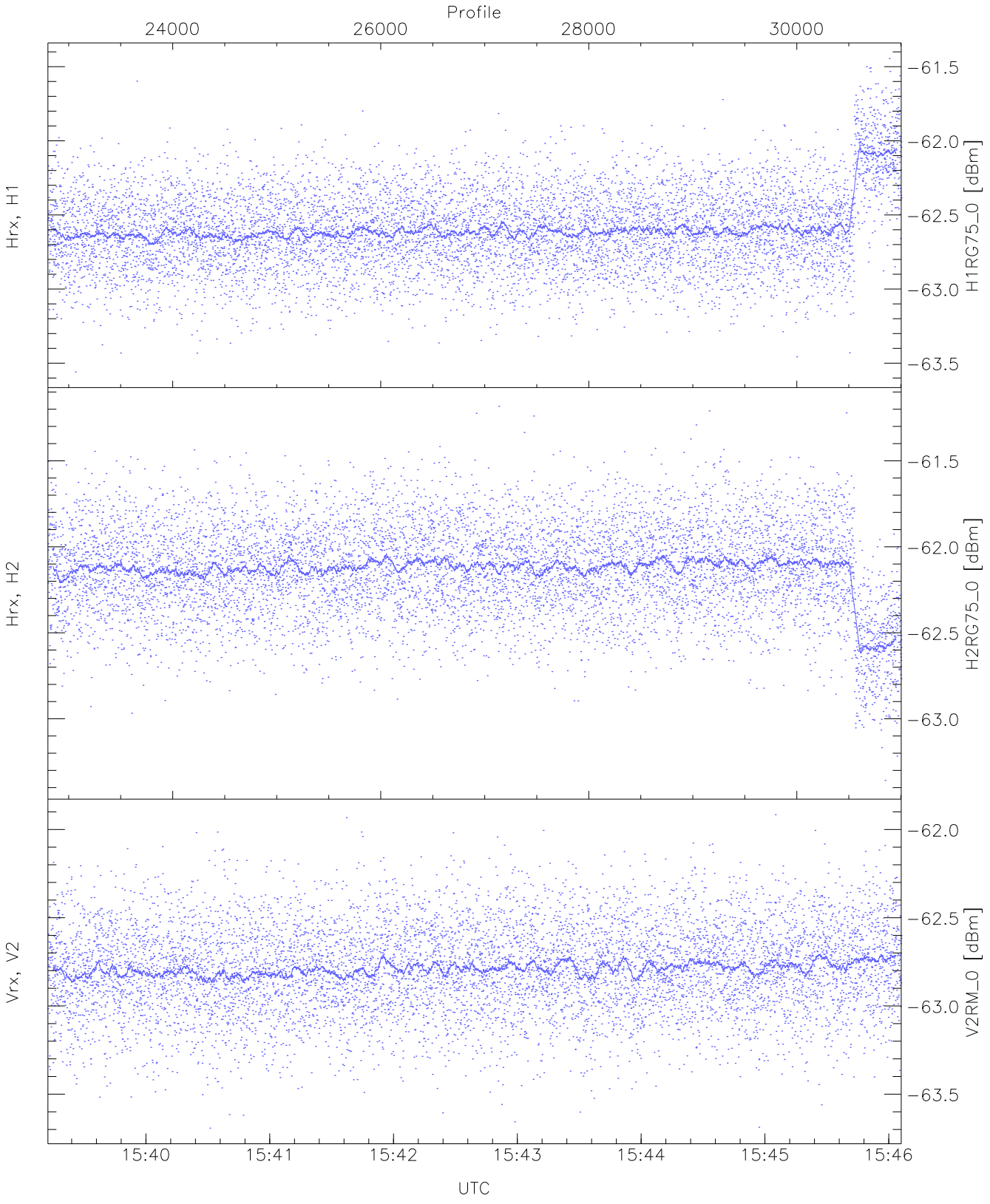
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.71	-60.94	-61.76	-61.76	-74.28
Hrx, H2(HL [dBm])	-62.76	-60.90	-61.75	-61.76	-74.31
Vrx, V2(HL [dBm])	-63.32	-61.44	-62.34	-62.35	-74.89



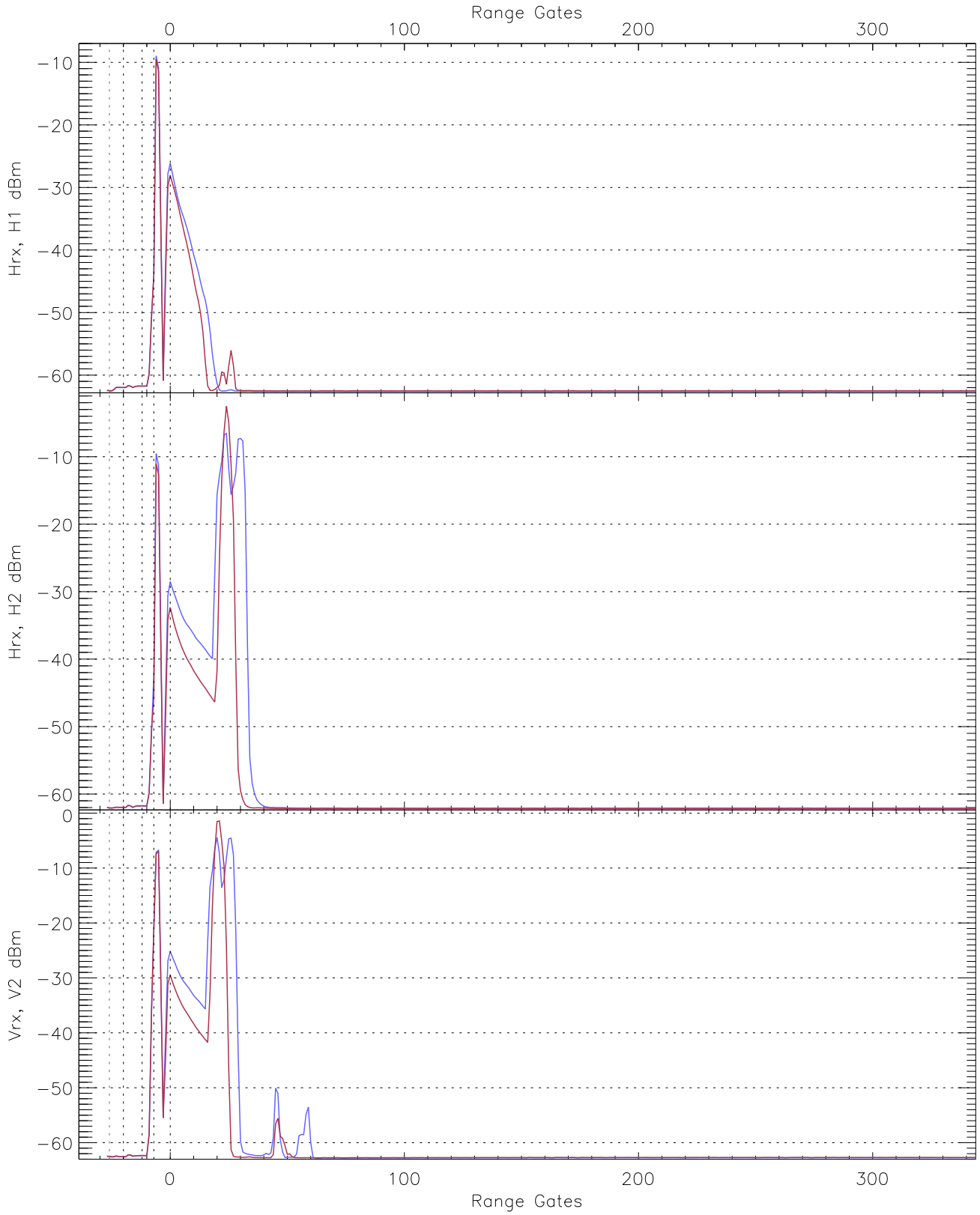
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.61	-61.57	-62.49	-62.50	-74.90
Hrx, H2(RM [dBm])	-63.26	-61.18	-62.04	-62.03	-74.21
Vrx, V2(RM [dBm])	-63.39	-61.61	-62.48	-62.49	-75.03

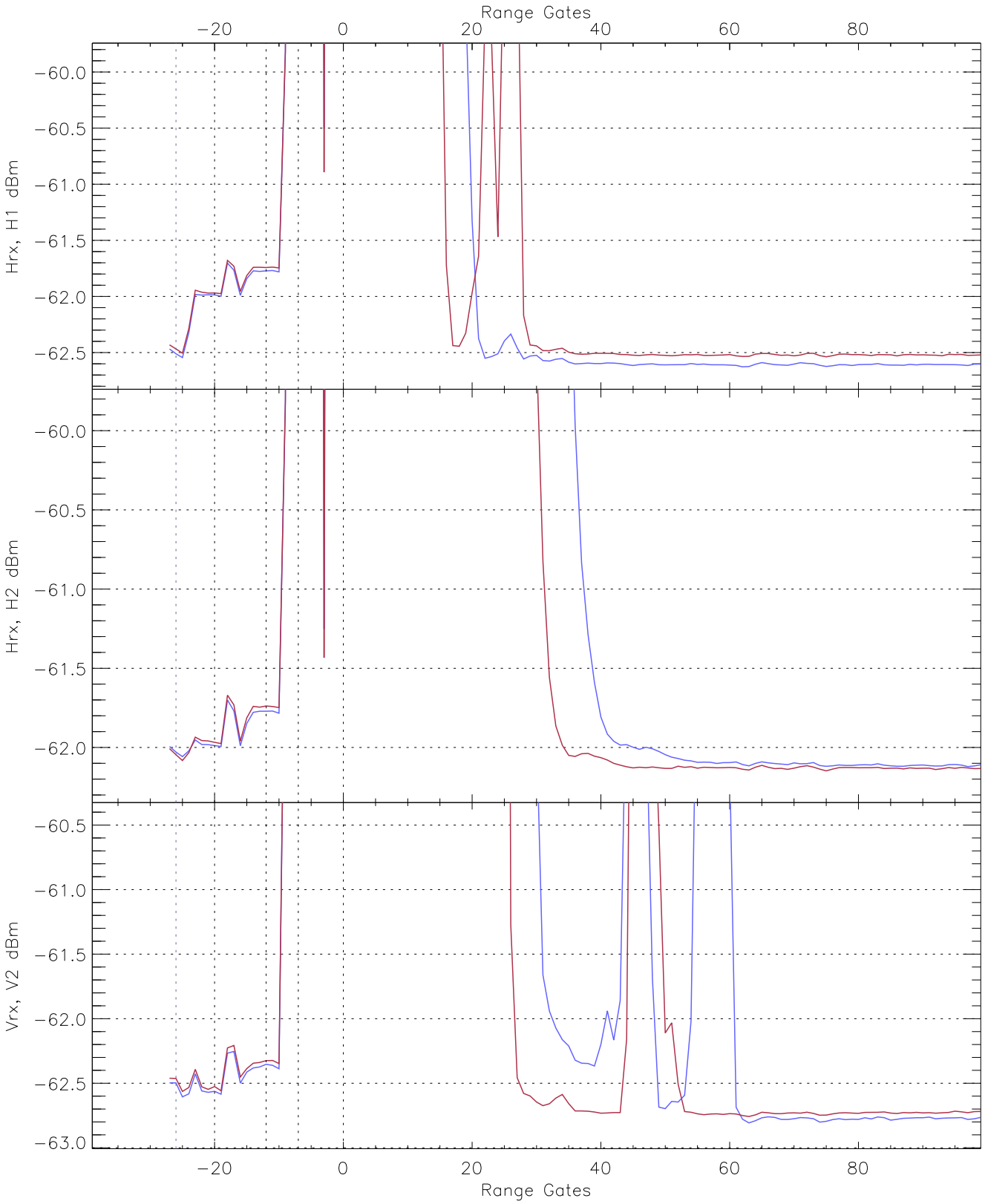


WCR2 CPP "Best" estimate Receivers Noise Power

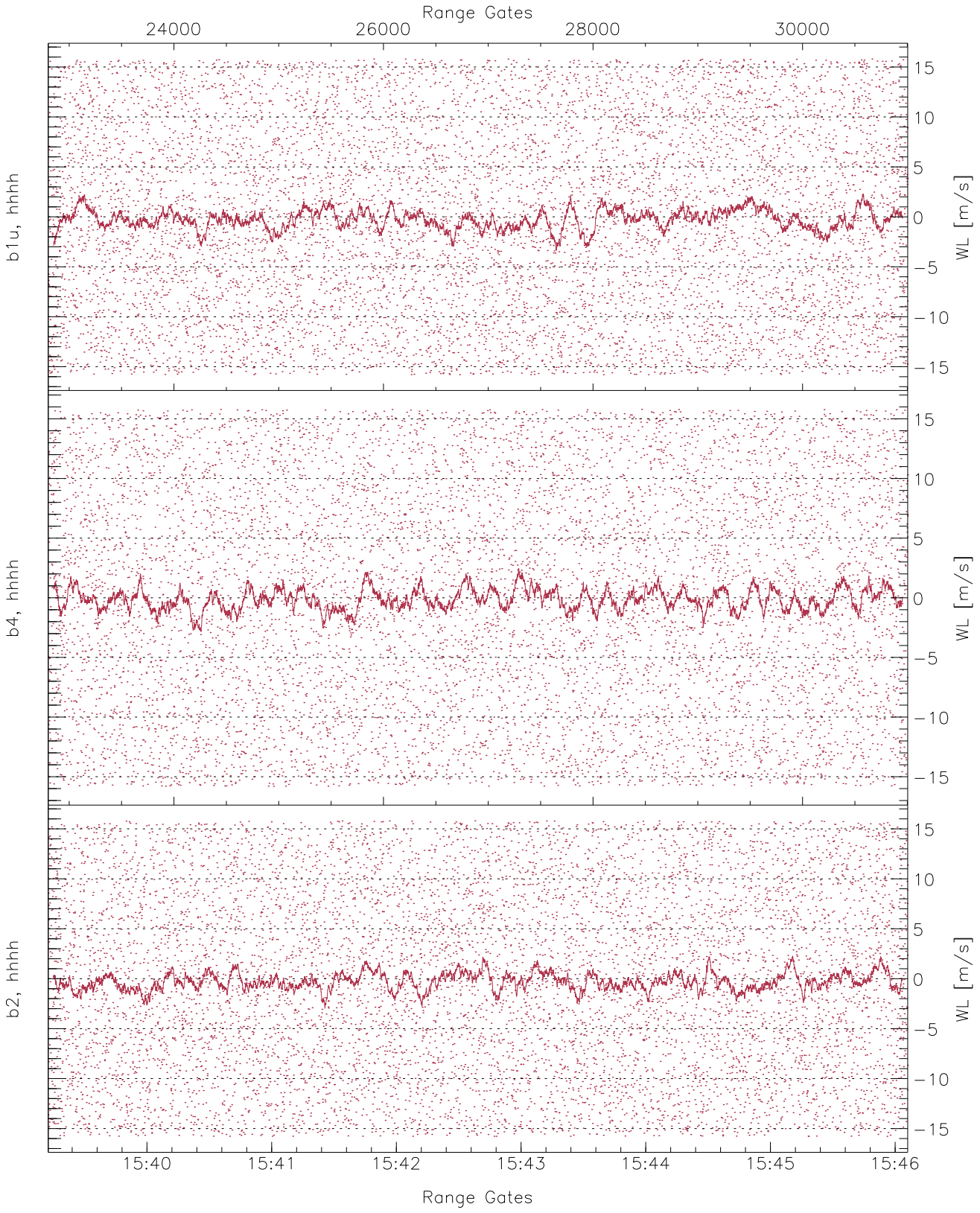
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.56	-61.45	-62.58	-62.60	-74.59
H2RG75_0 [dBm]	-63.36	-61.18	-62.13	-62.13	-74.31
V2RM_0 [dBm]	-63.69	-61.92	-62.78	-62.79	-75.33



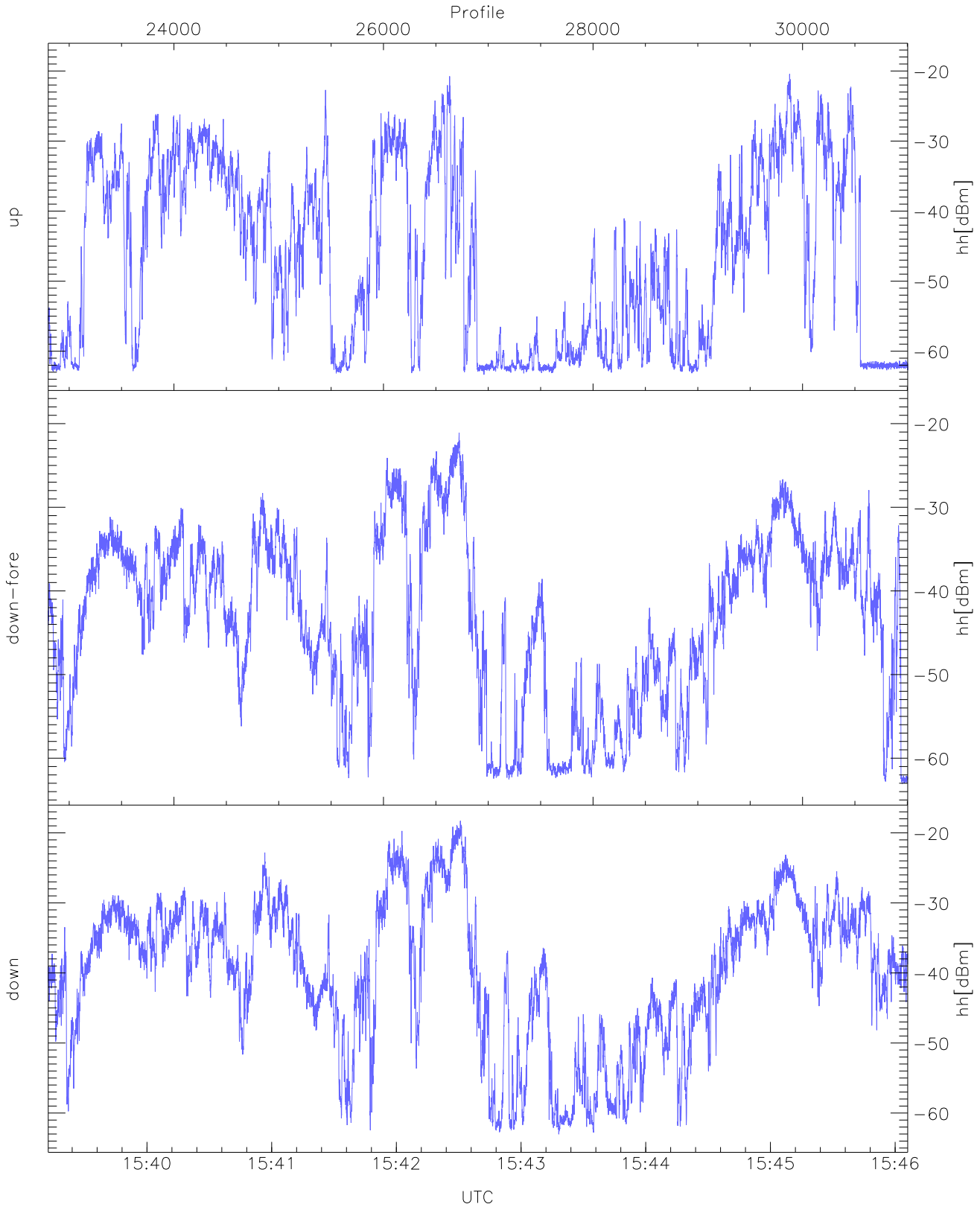
WCR2 CPP Averaged Received power for all recorded gates
blue: 153912-154239, 4103 profiles averaged
red: 154239-154606, 4103 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 153912-154239, 4103 profiles averaged
red: 154239-154606, 4103 profiles averaged

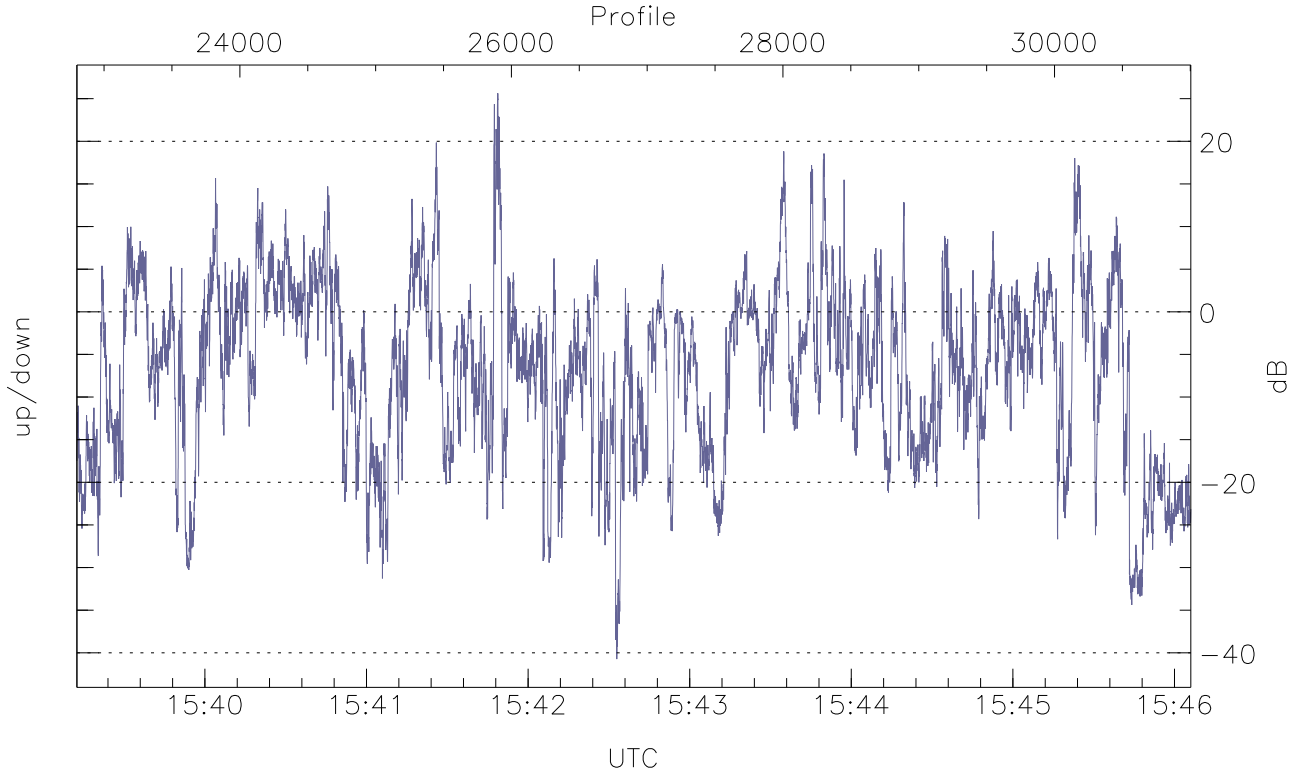


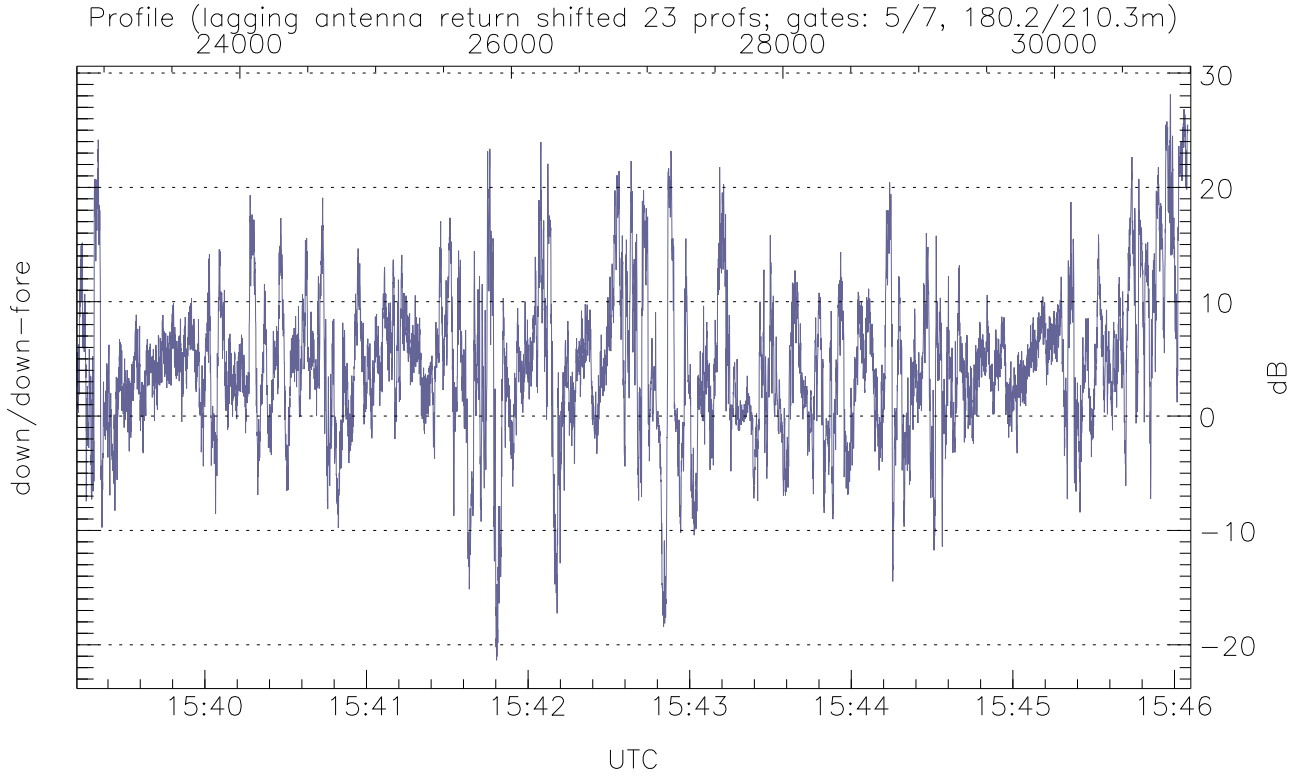
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

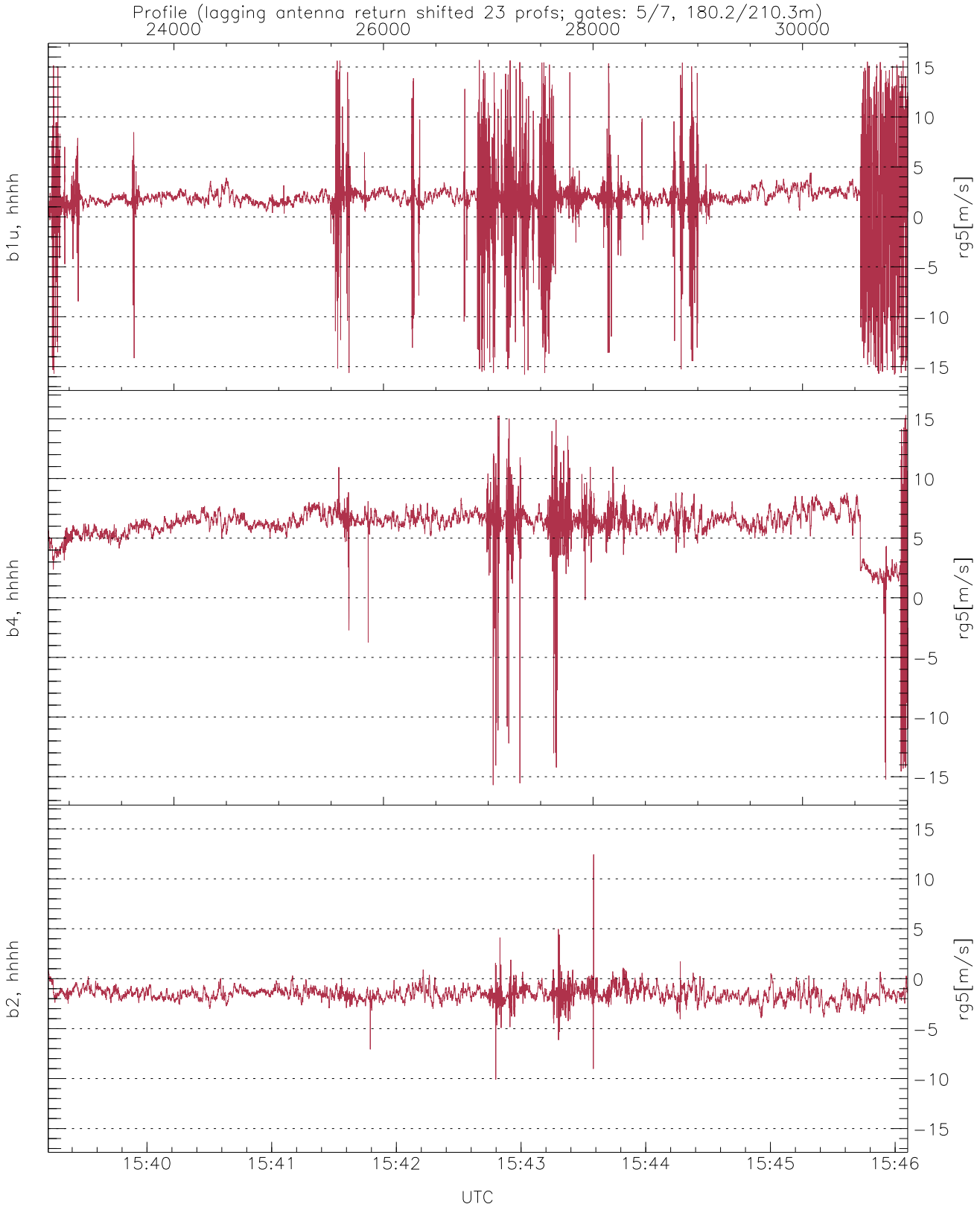
	Min	Max	Mean
up(hh[dBm])	-63.36	-20.43	-34.74
down-fore(hh[dBm])	-63.06	-21.08	-35.25
down(hh[dBm])	-63.03	-18.29	-31.92





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

	Min	Max	Mean
up/down(dB)	-40.73	25.63	-6.77
down/down-fore(dB)	-21.36	28.12	4.49



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.69	1.73	3.24
b4, hhhh(rg5[m/s])	-15.70	15.31	6.14	1.86
b2, hhhh(rg5[m/s])	-10.09	12.44	-1.53	0.73