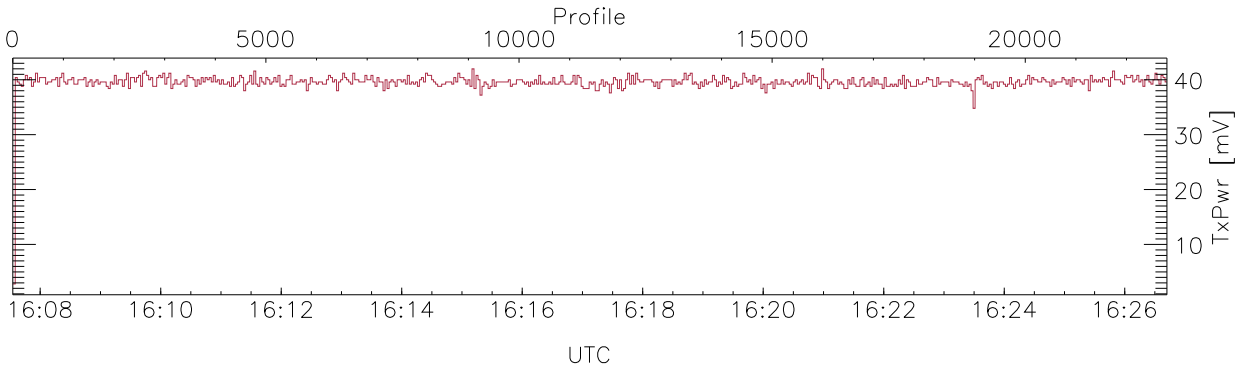
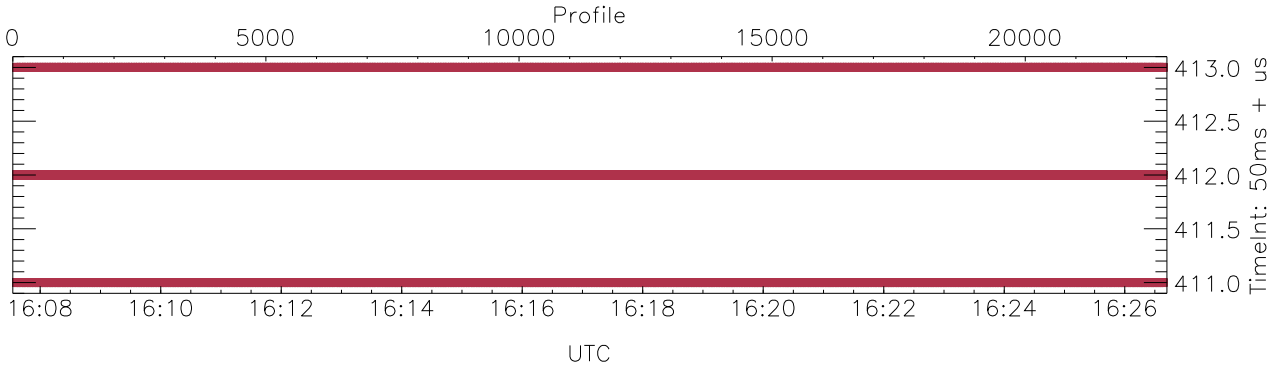
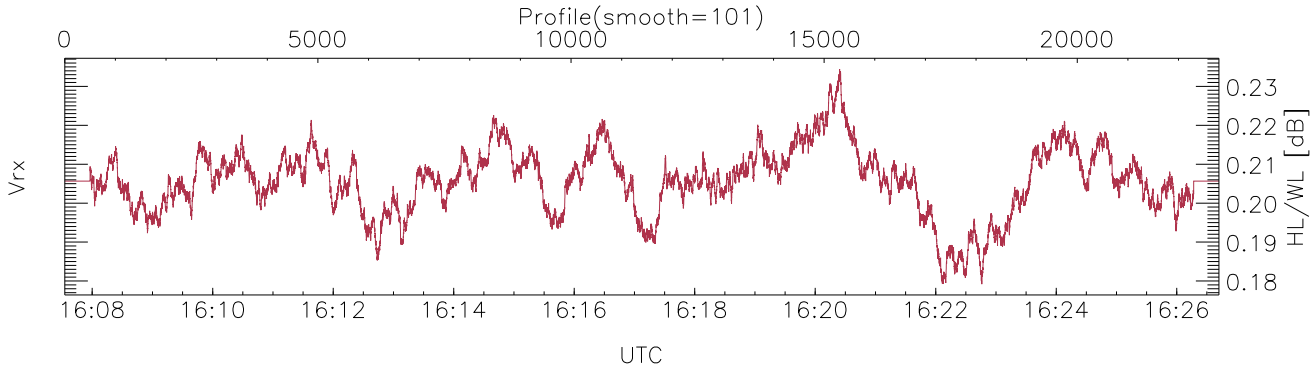
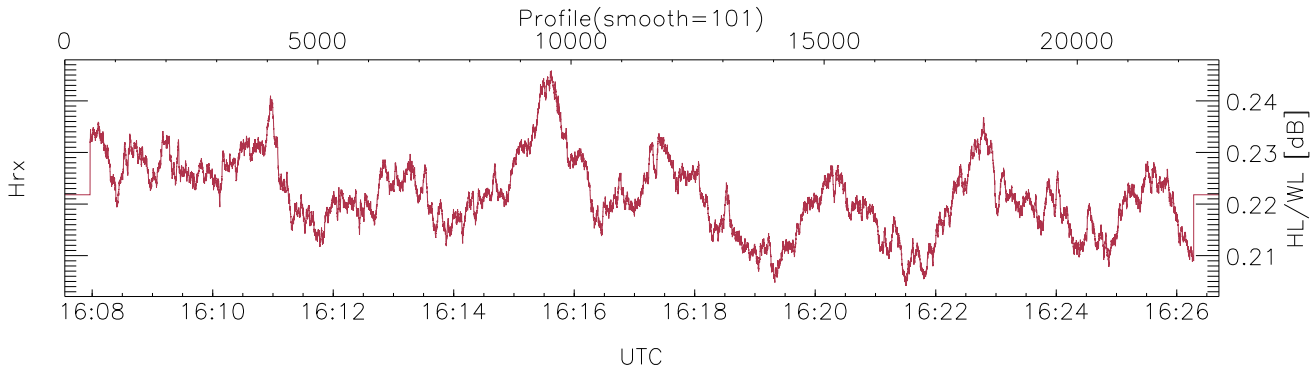


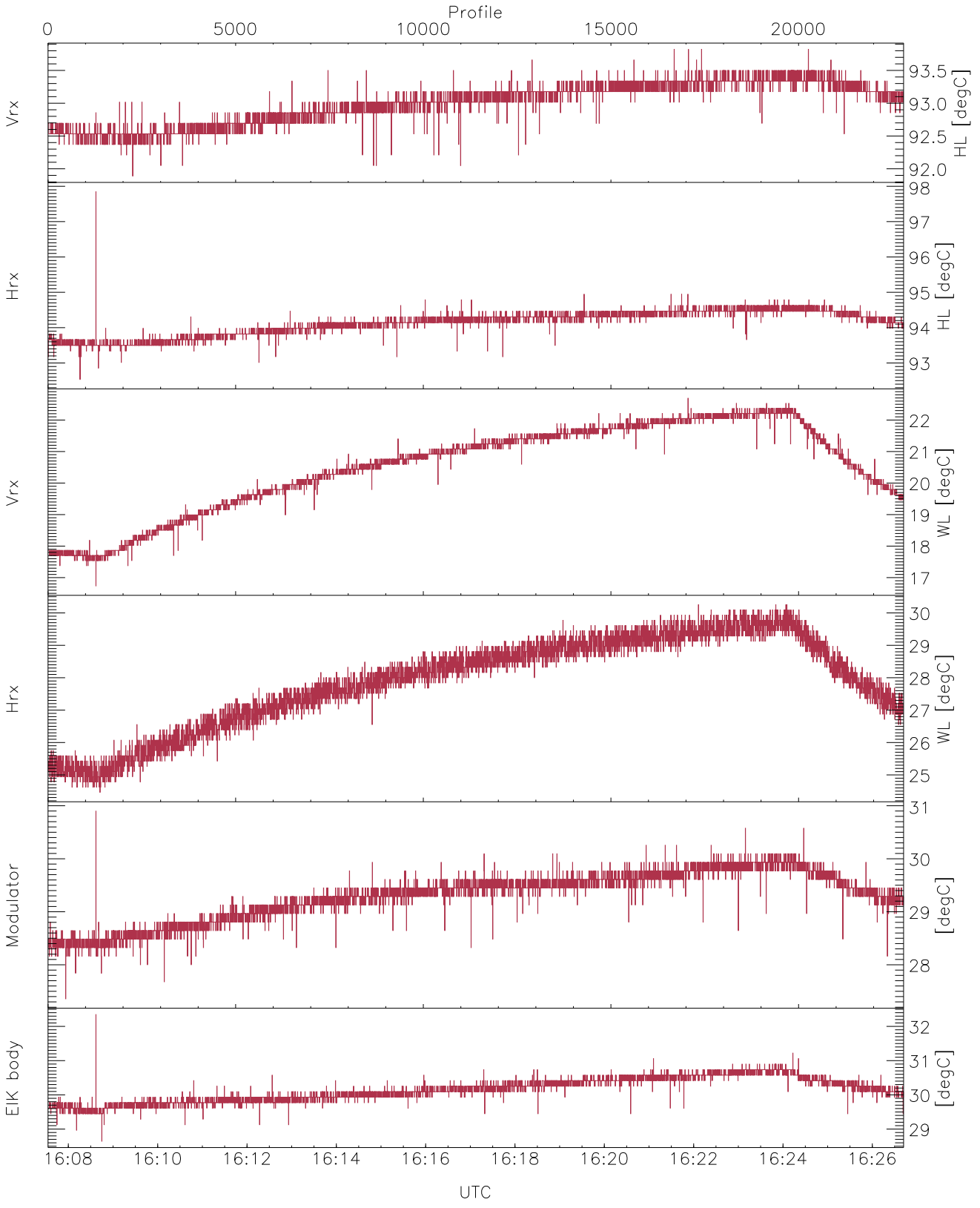






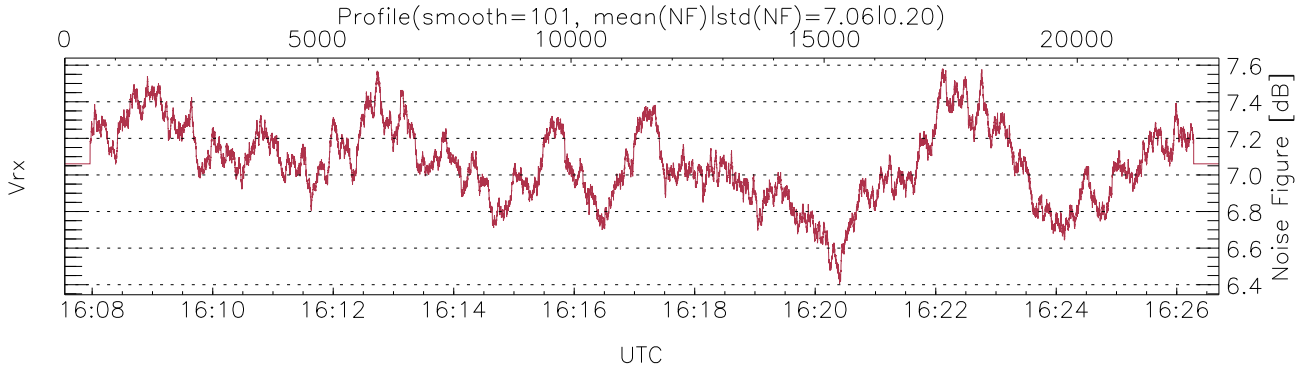
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

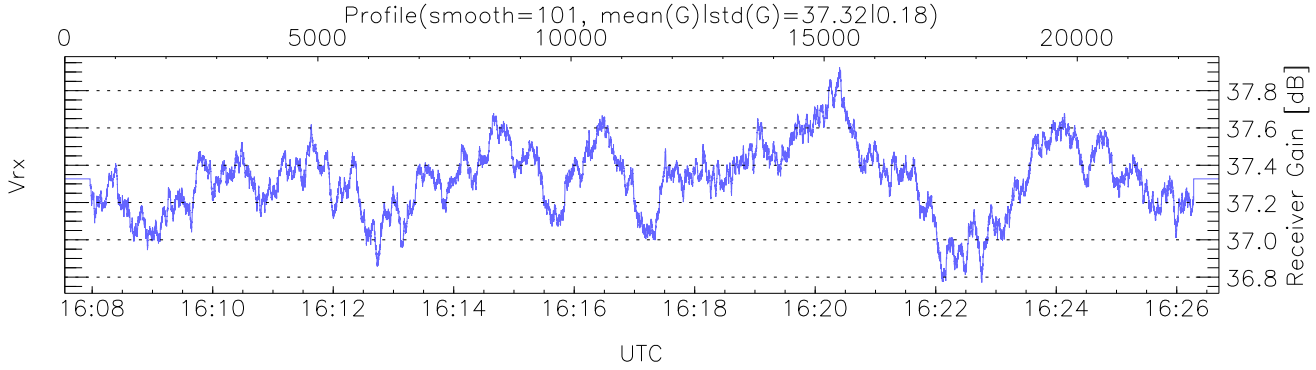
UTC: 16:07:33-16:33:54, Dur: 1580.99s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22800/31362, 0-22799/16:07:33-16:26:42
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 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

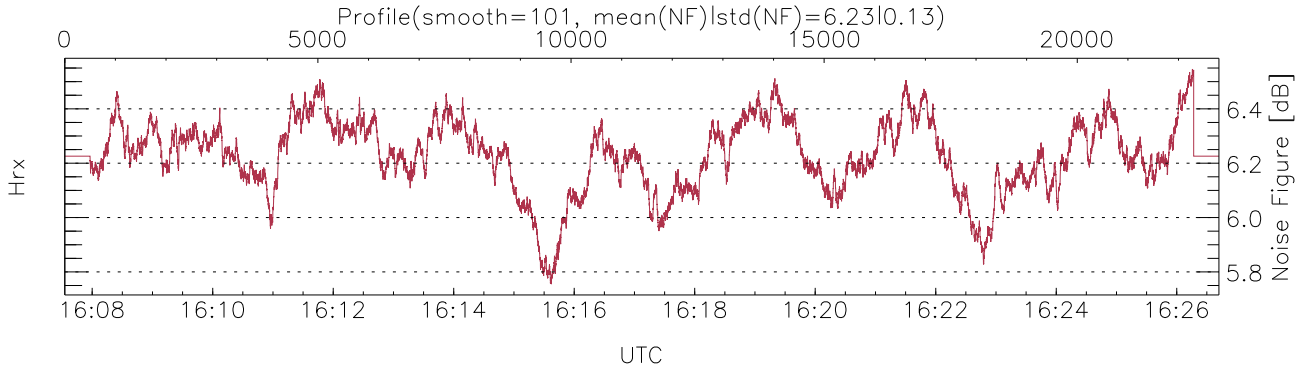


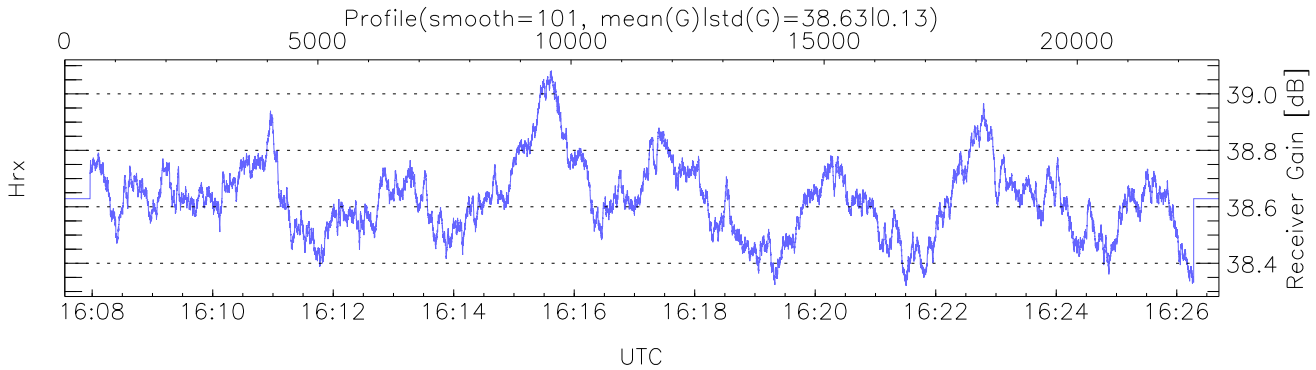
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,16,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,97,22,30,30,32
LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



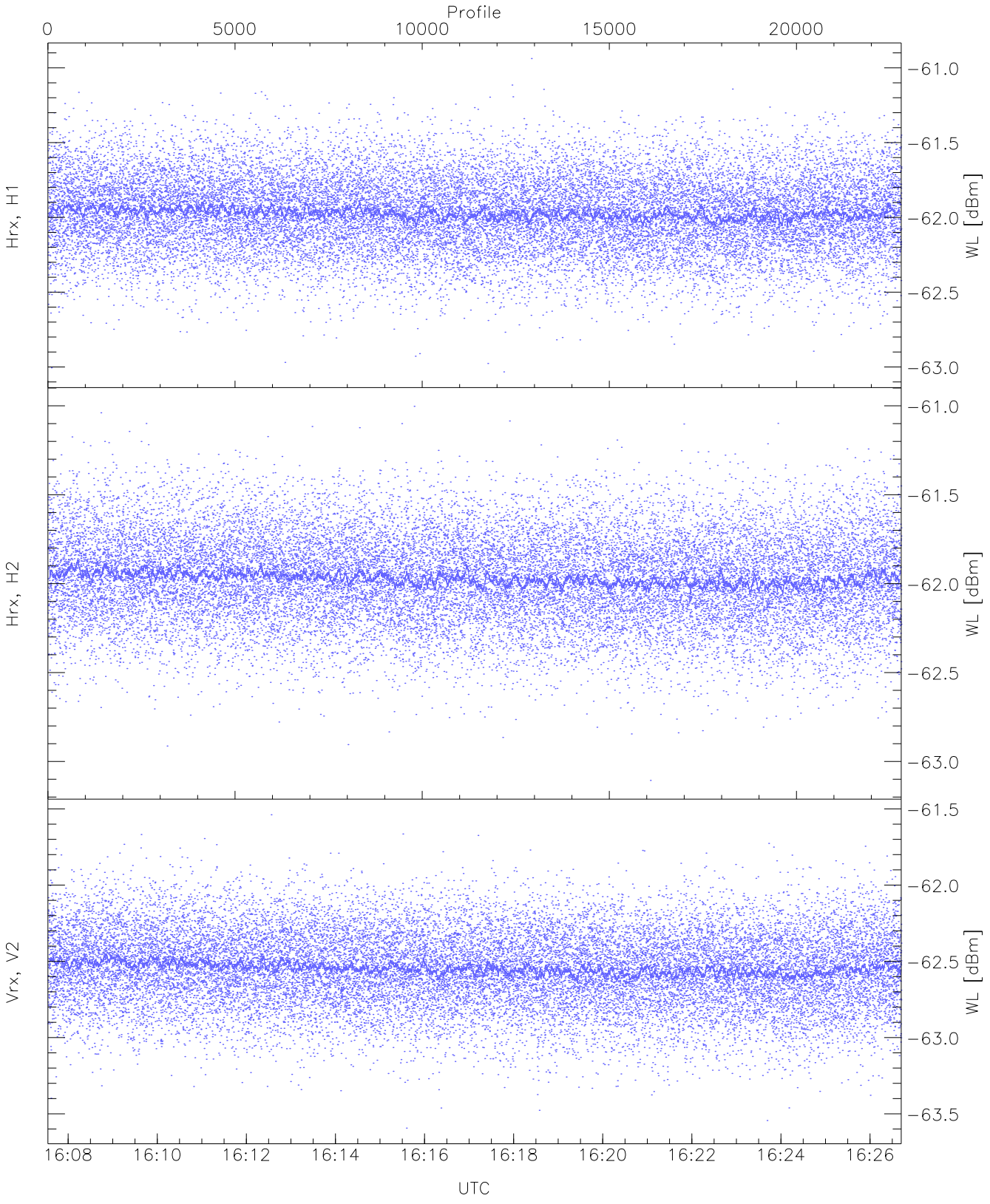






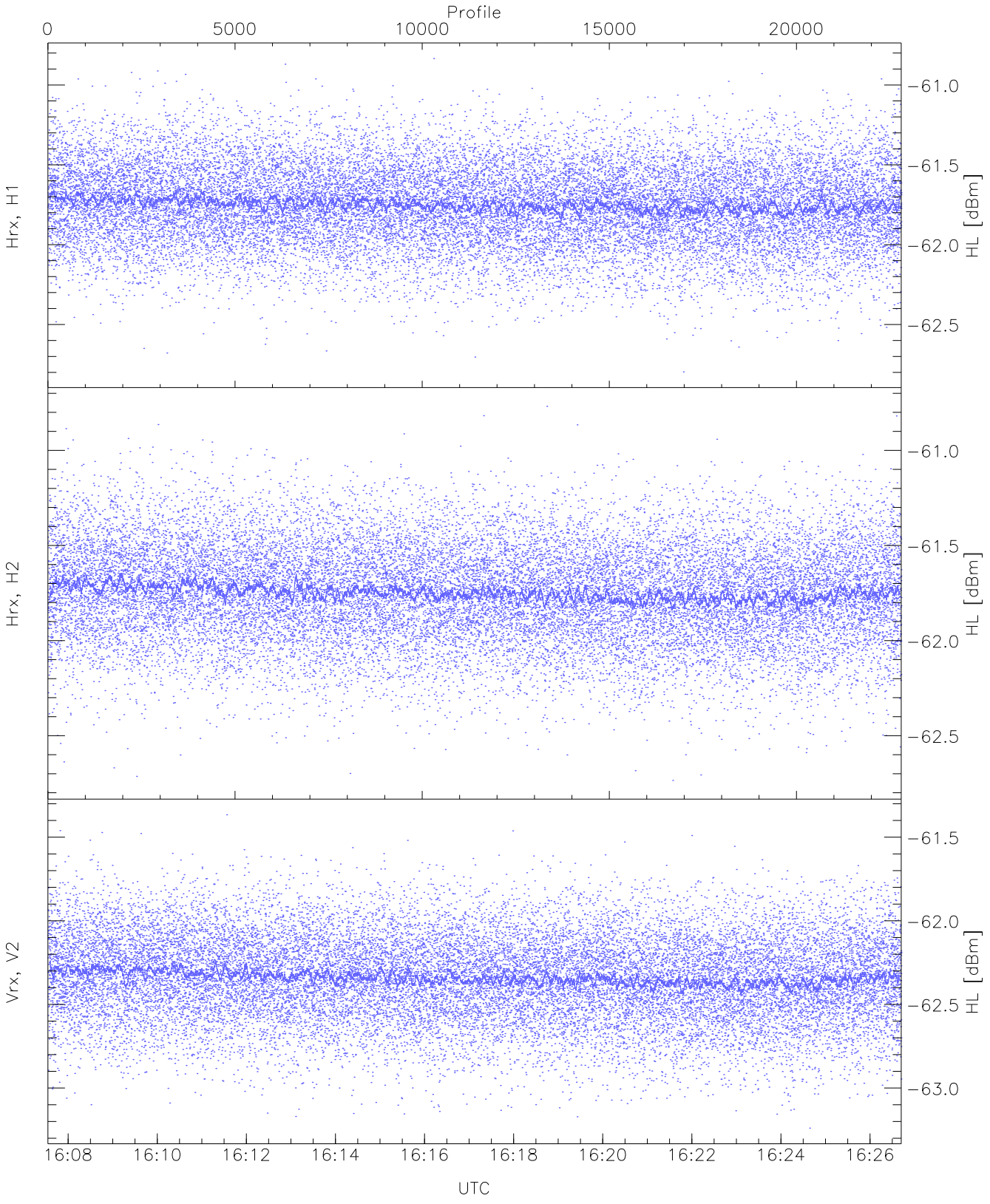
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 22057 pixs, 42 gates, 19353 profs, 2 prods



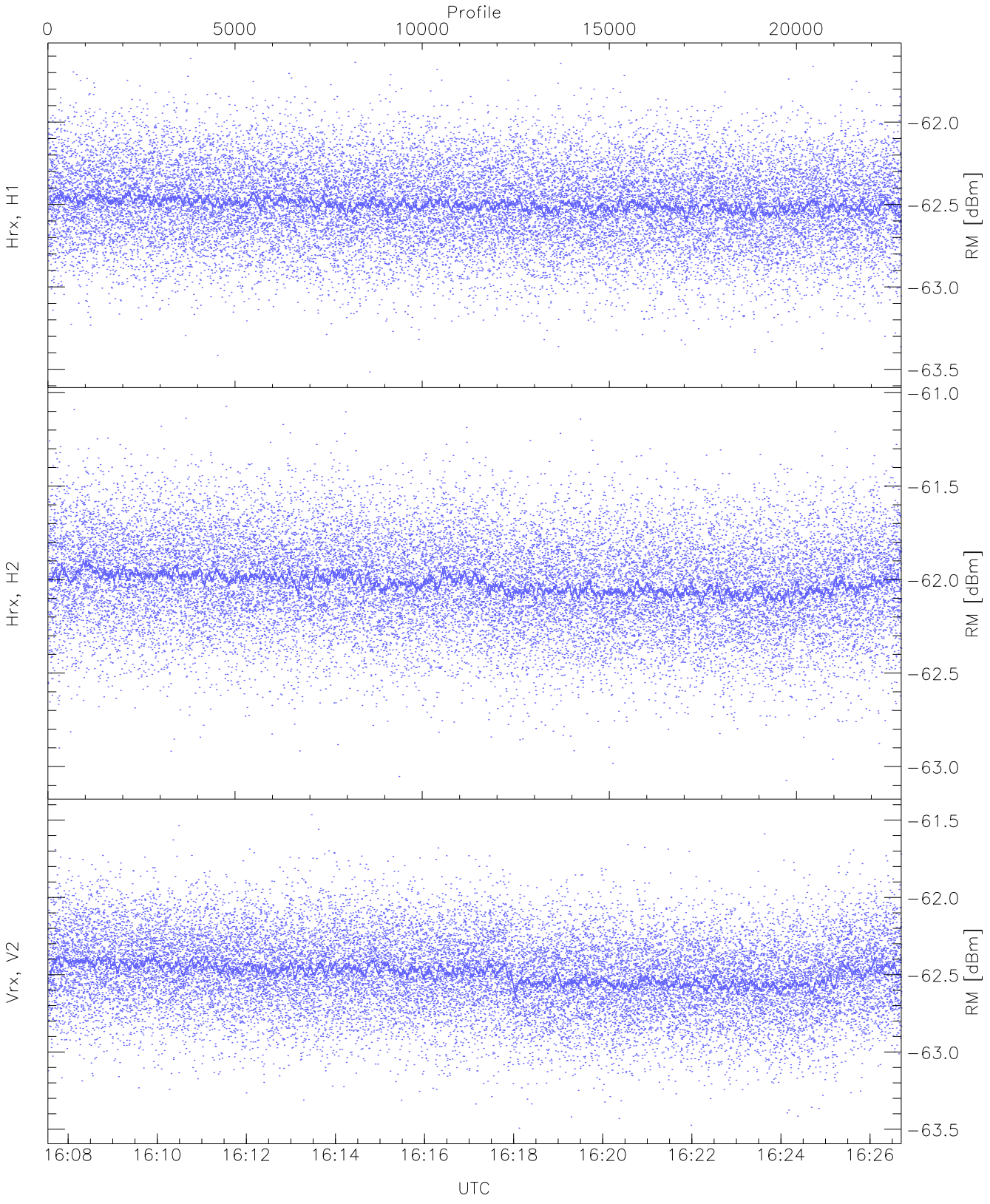
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.03	-60.94	-61.97	-61.97	-74.52
Hrx, H2(WL [dBm])	-63.11	-61.00	-61.97	-61.97	-74.52
Vrx, V2(WL [dBm])	-63.59	-61.54	-62.54	-62.55	-75.07



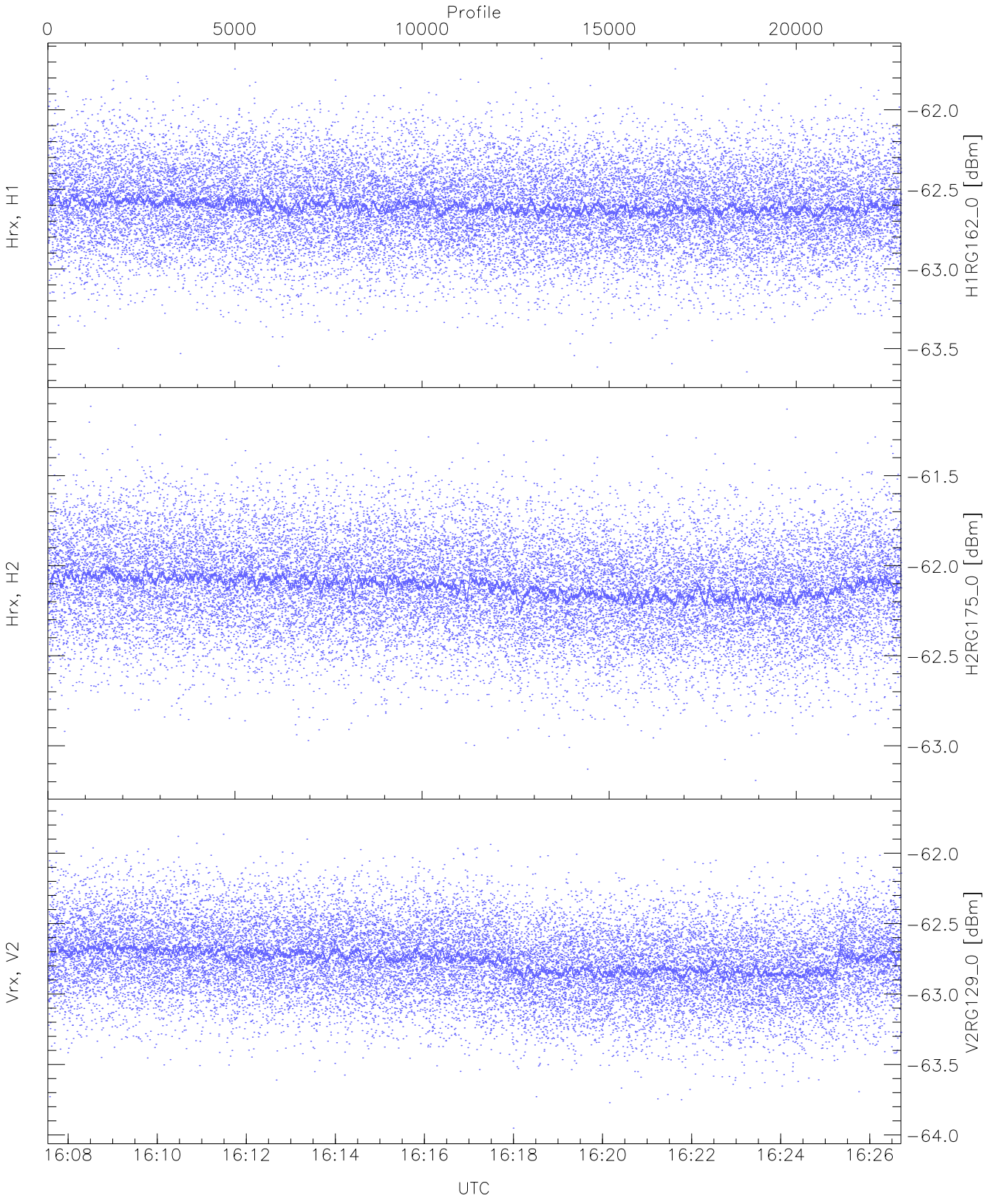
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.80	-60.83	-61.75	-61.75	-74.30
Hrx, H2(HL [dBm])	-62.74	-60.77	-61.75	-61.75	-74.29
Vrx, V2(HL [dBm])	-63.24	-61.37	-62.34	-62.34	-74.85



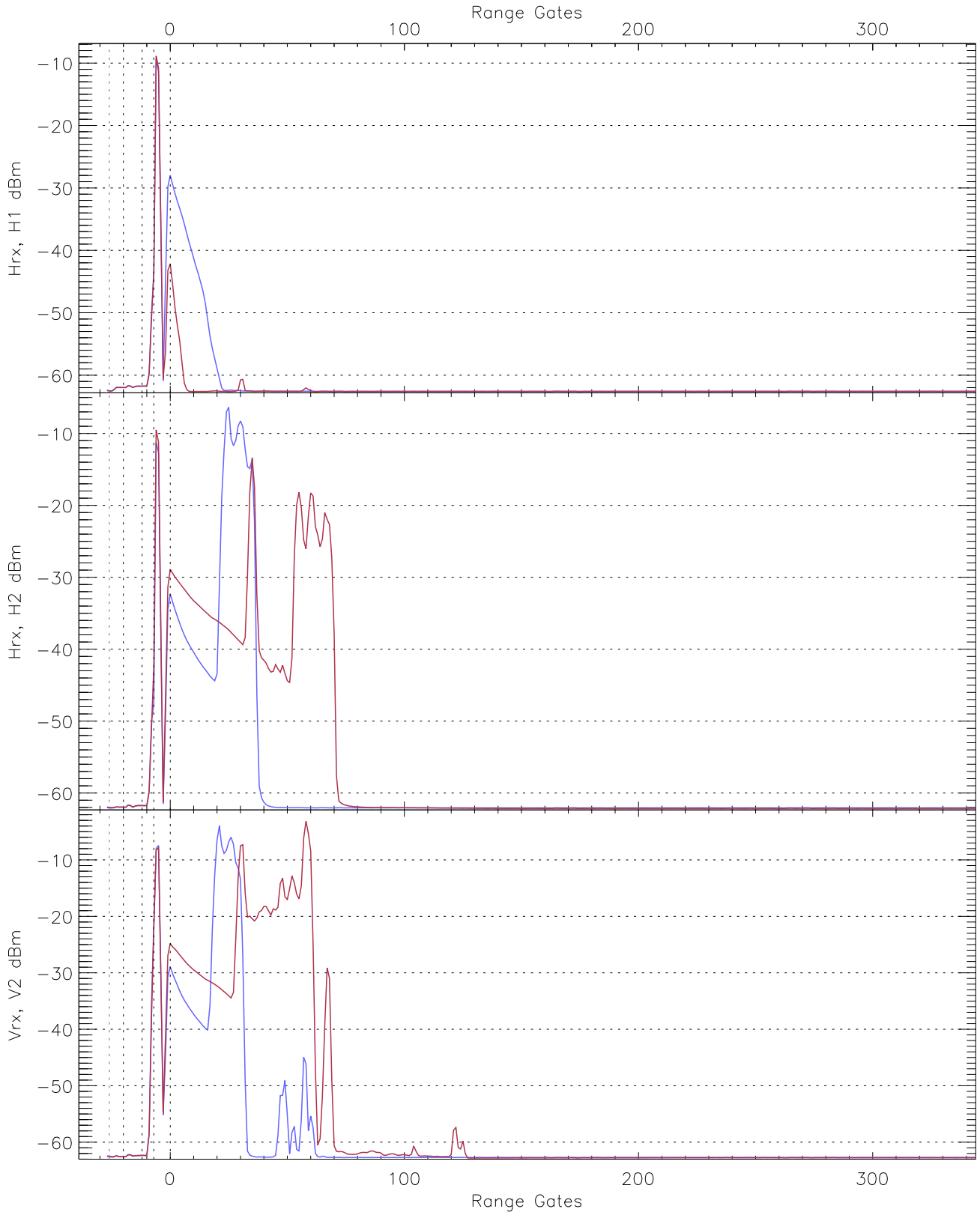
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.52	-61.61	-62.50	-62.50	-75.09
Hrx, H2(RM [dBm])	-63.07	-61.07	-62.02	-62.02	-74.52
Vrx, V2(RM [dBm])	-63.49	-61.47	-62.49	-62.50	-74.94

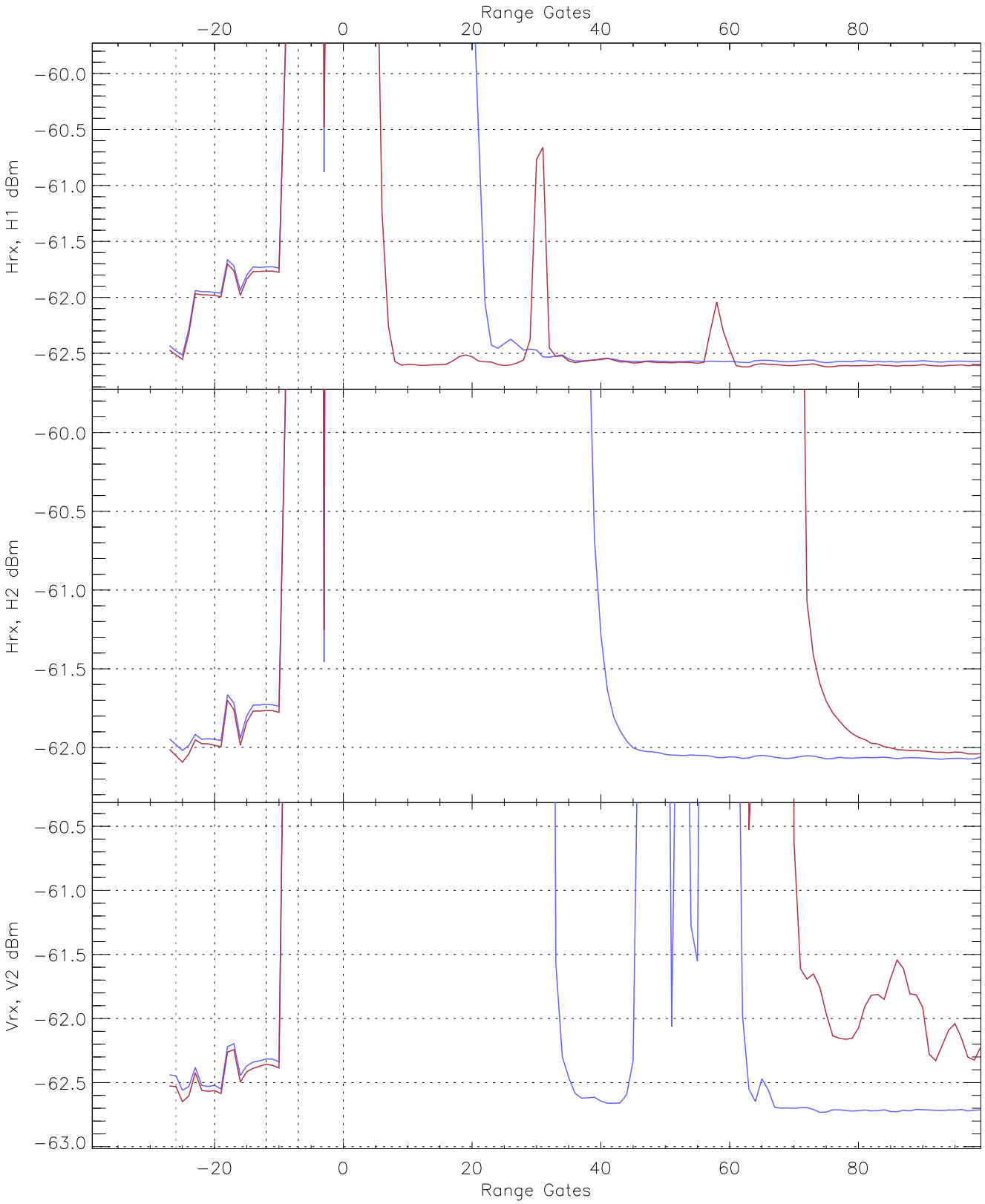


WCR2 CPP "Best" estimate Receivers Noise Power

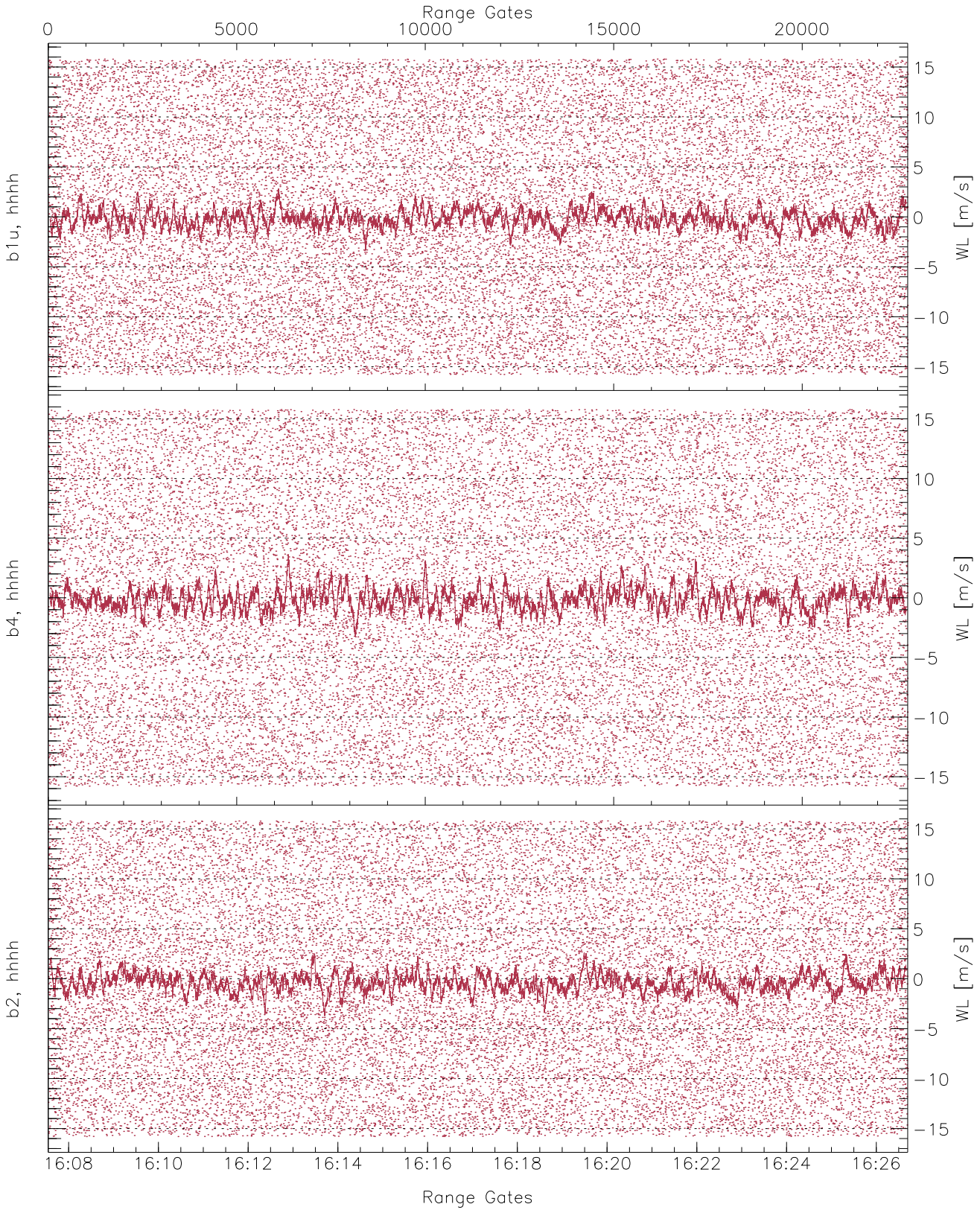
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.65	-61.68	-62.60	-62.61	-75.16
H2RG175_0 [dBm]	-63.19	-61.11	-62.11	-62.12	-74.61
V2RG129_0 [dBm]	-63.95	-61.73	-62.76	-62.77	-75.11



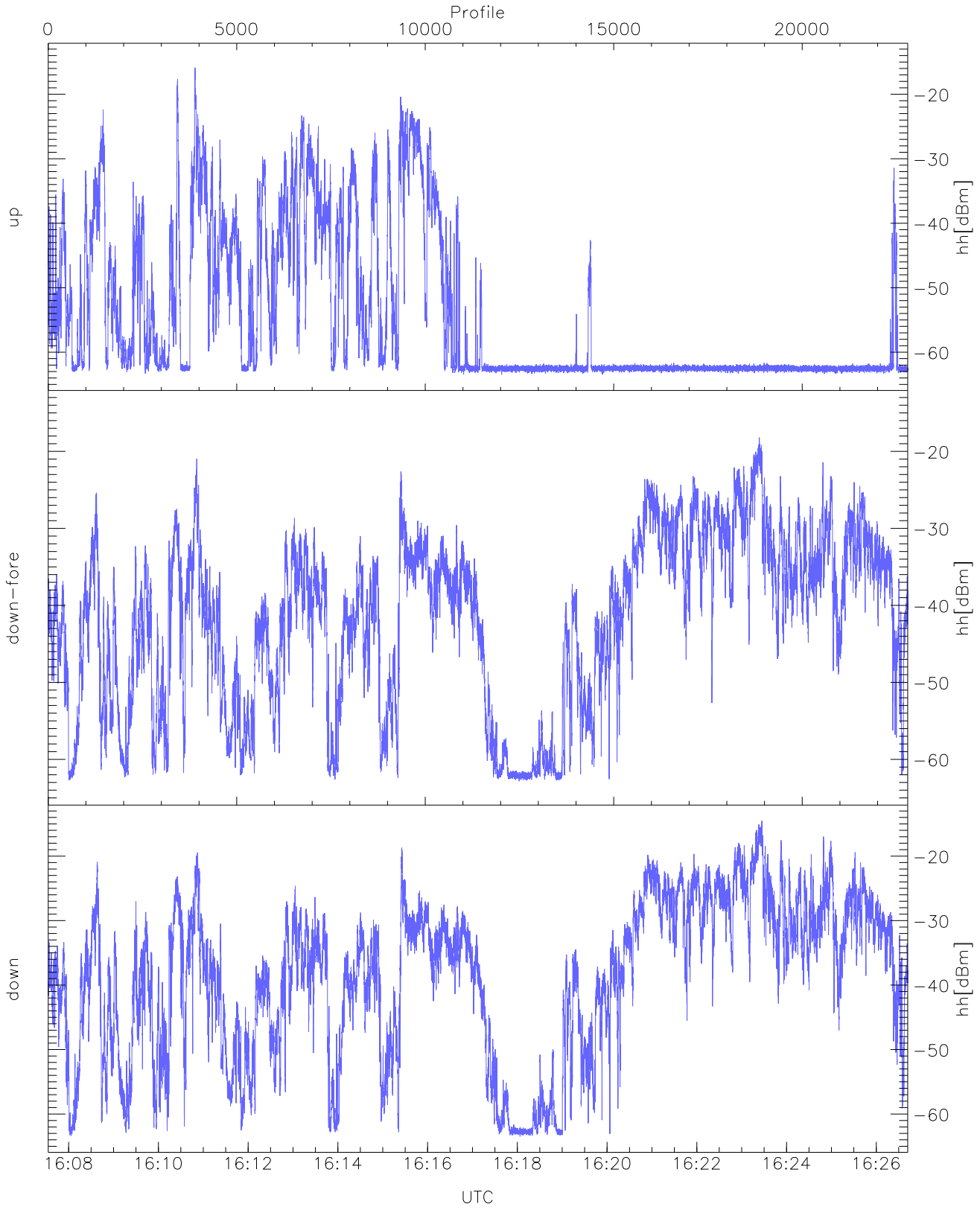
WCR2 CPP Averaged Received power for all recorded gates
blue: 160733-161707, 11401 profiles averaged
red: 161707-162642, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 160733-161707, 11401 profiles averaged
red: 161707-162642, 11400 profiles averaged

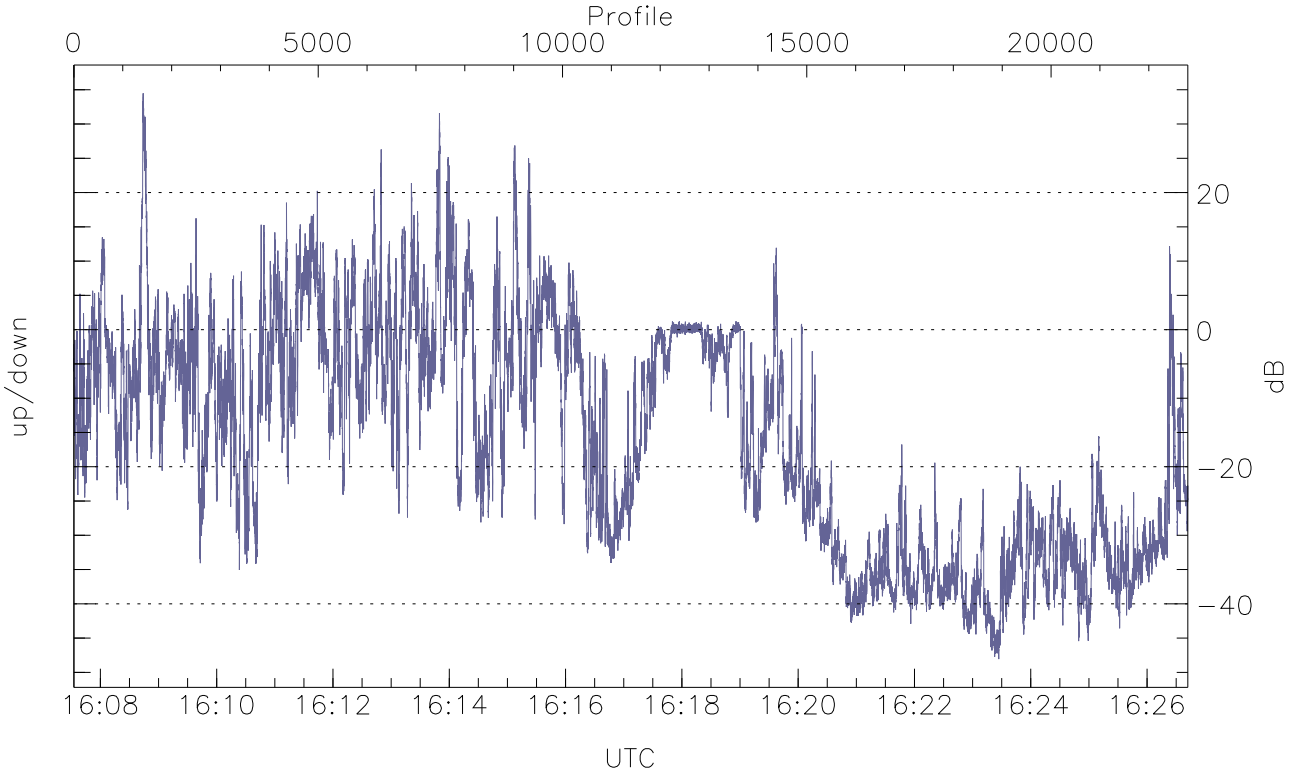


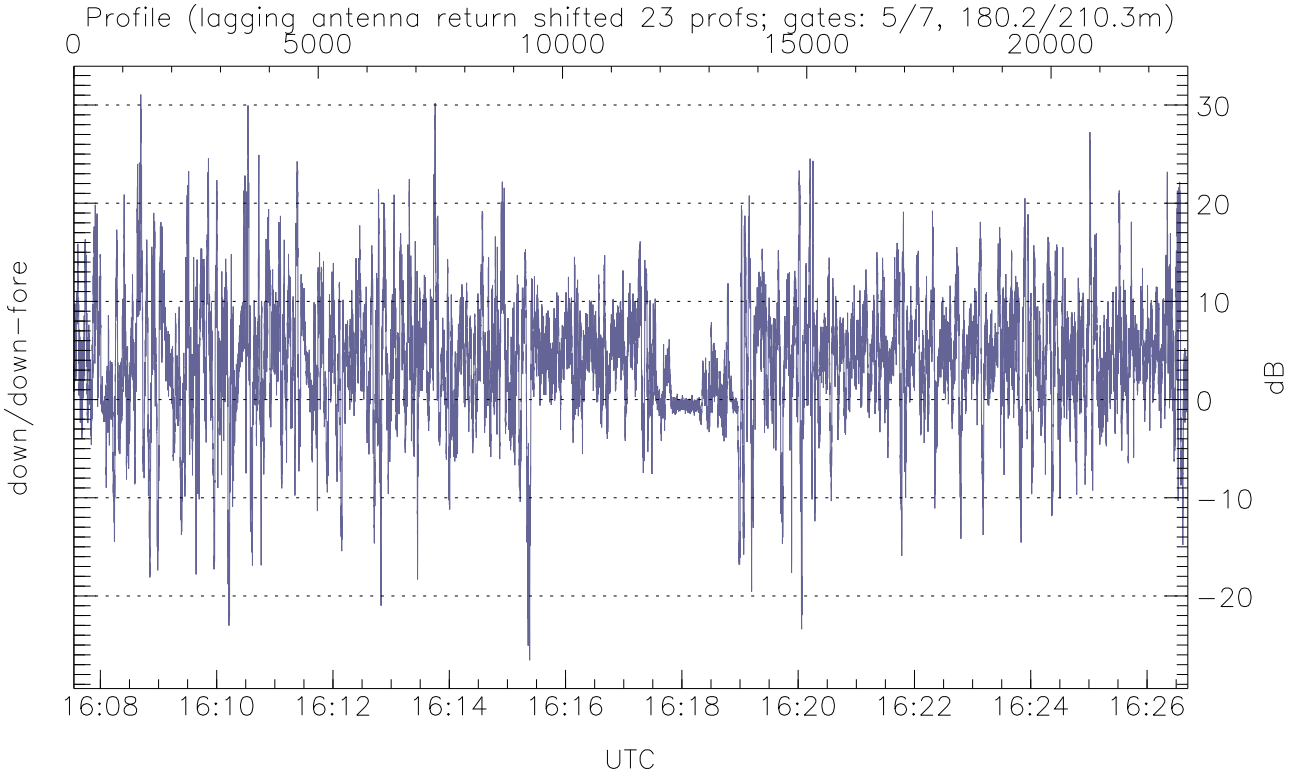
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

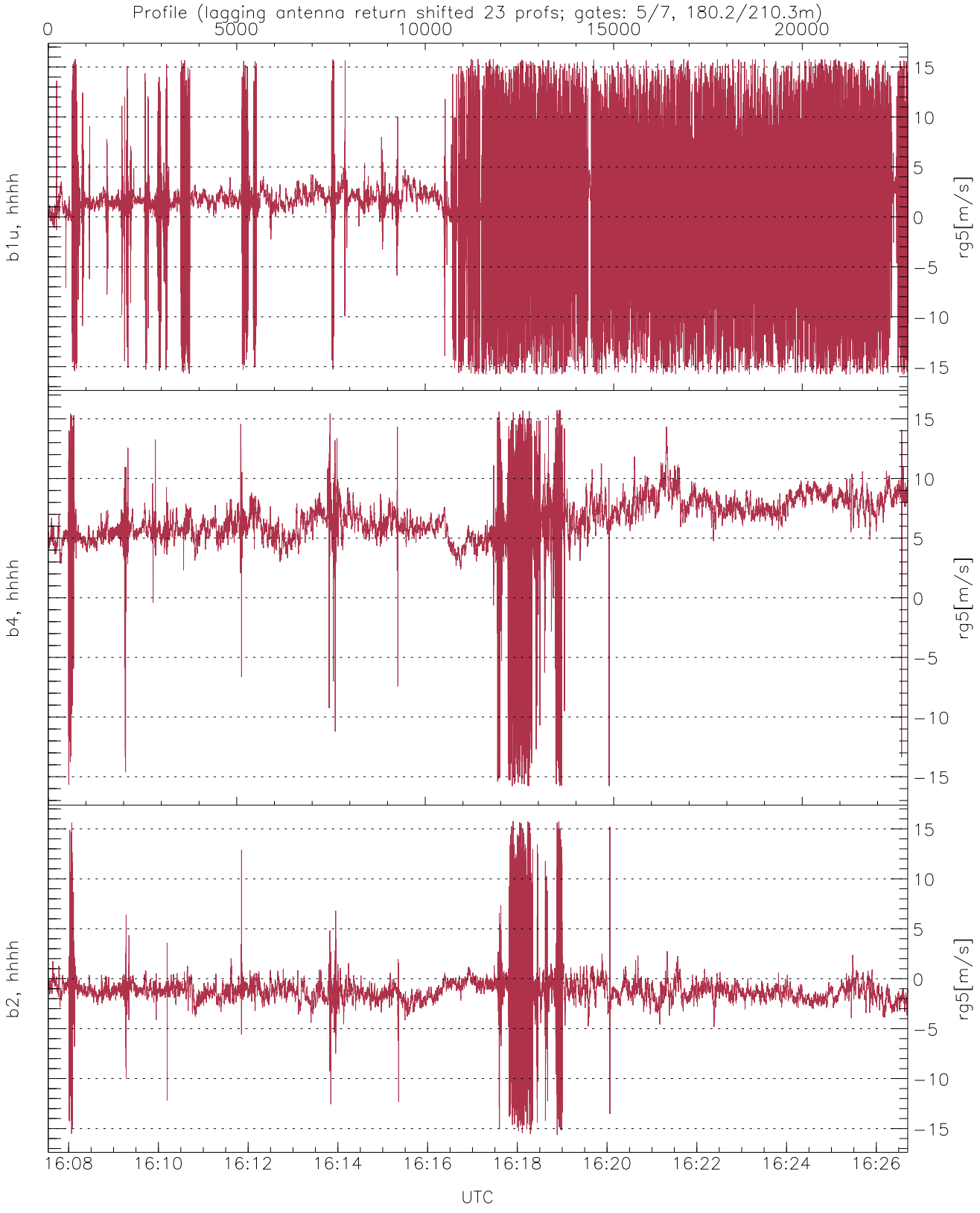
	Min	Max	Mean
up(hh[dBm])	-63.46	-15.87	-37.40
down-fore(hh[dBm])	-62.84	-18.19	-33.27
down(hh[dBm])	-63.49	-14.53	-29.48





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

	Min	Max	Mean
up/down(dB)	-48.06	34.48	-15.44
down/down-fore(dB)	-26.55	31.07	3.98



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.80	0.70	6.13
b4, hhhh(rg5[m/s])	-15.80	15.75	6.40	2.74
b2, hhhh(rg5[m/s])	-15.65	15.78	-1.22	1.92