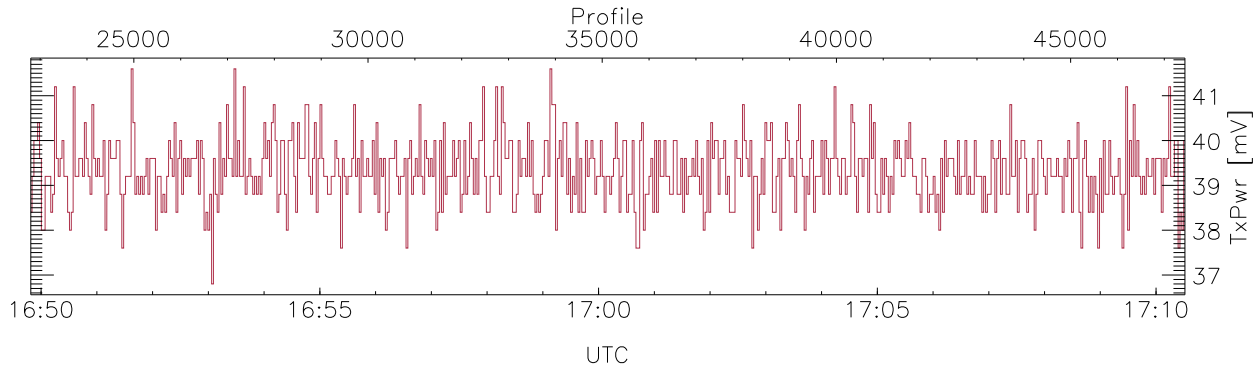
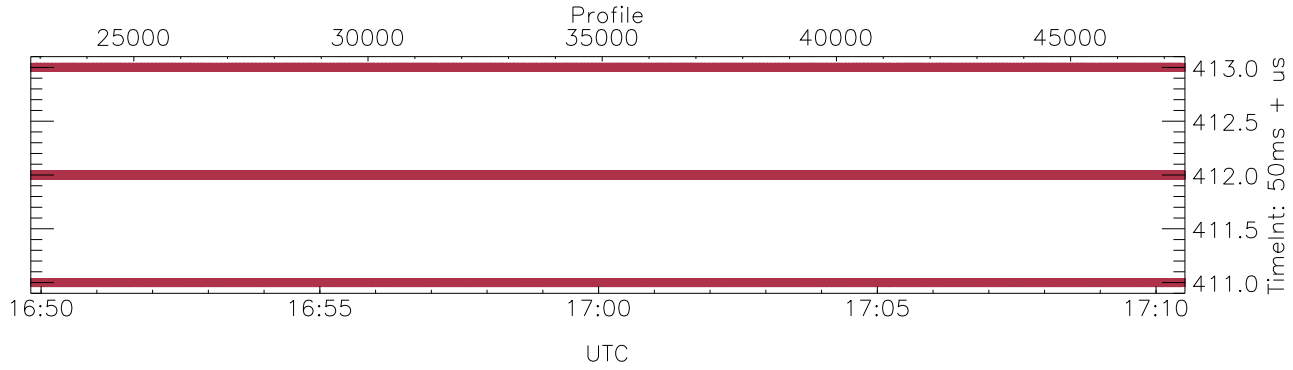
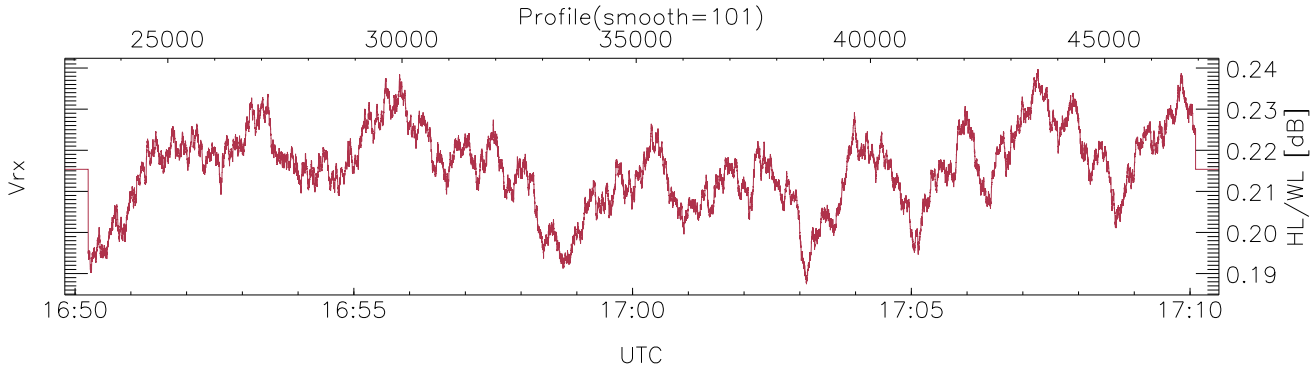
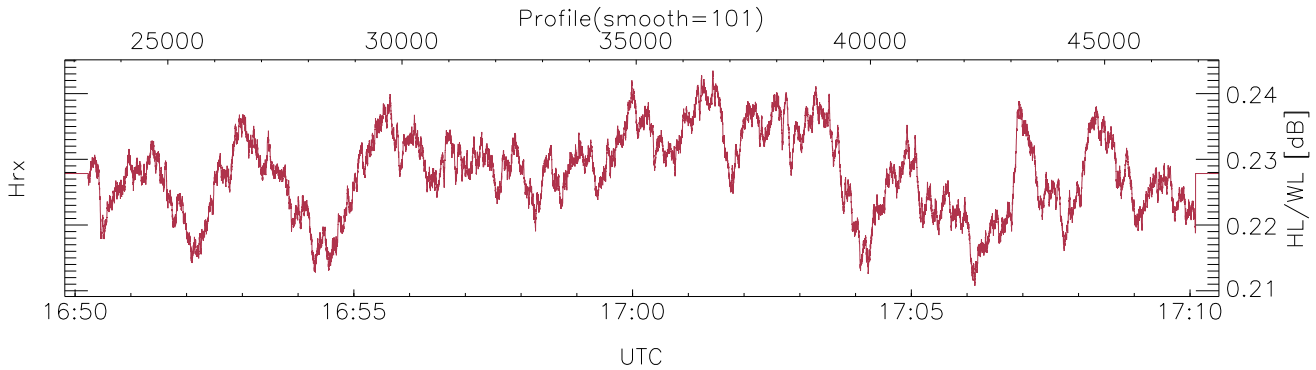


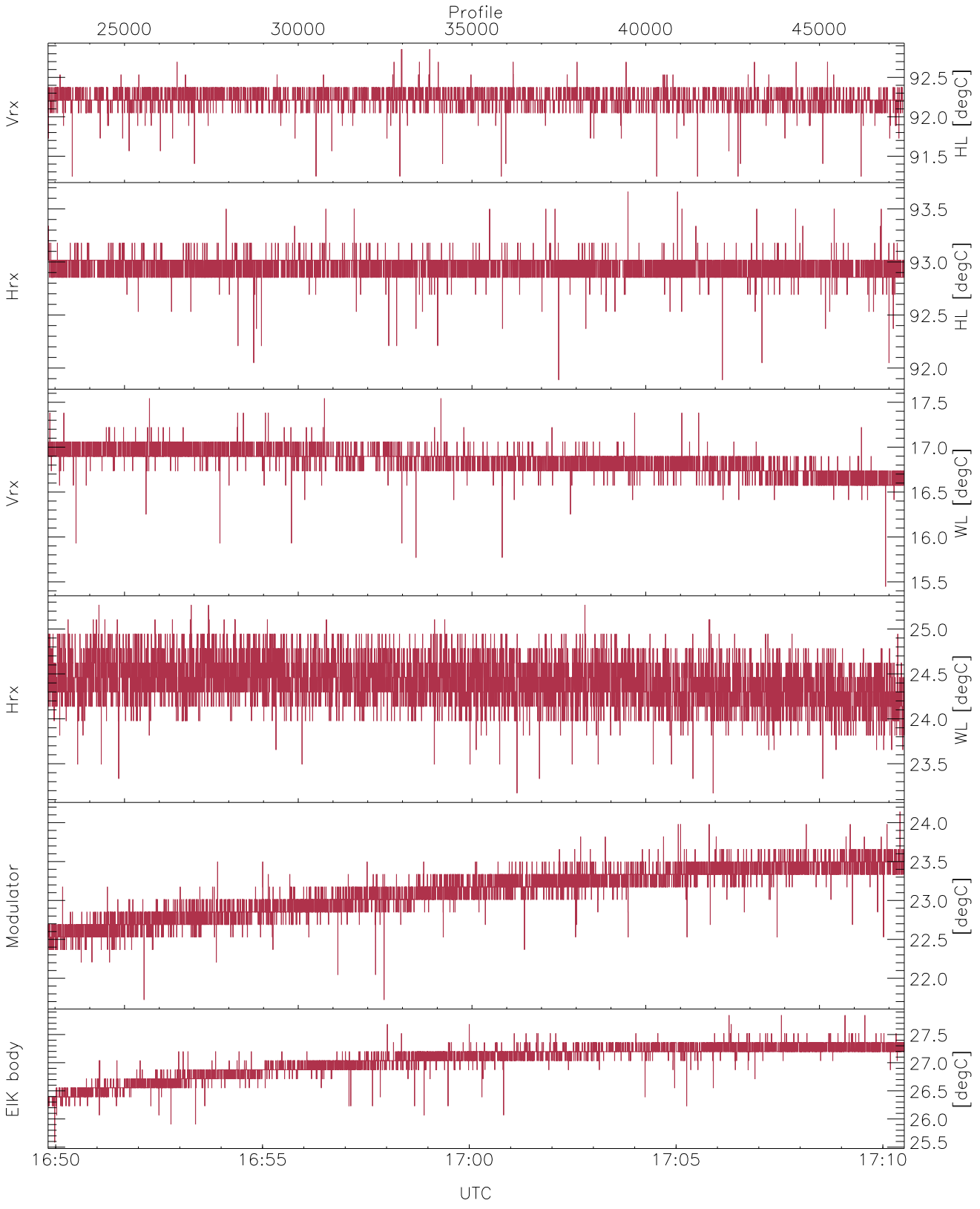






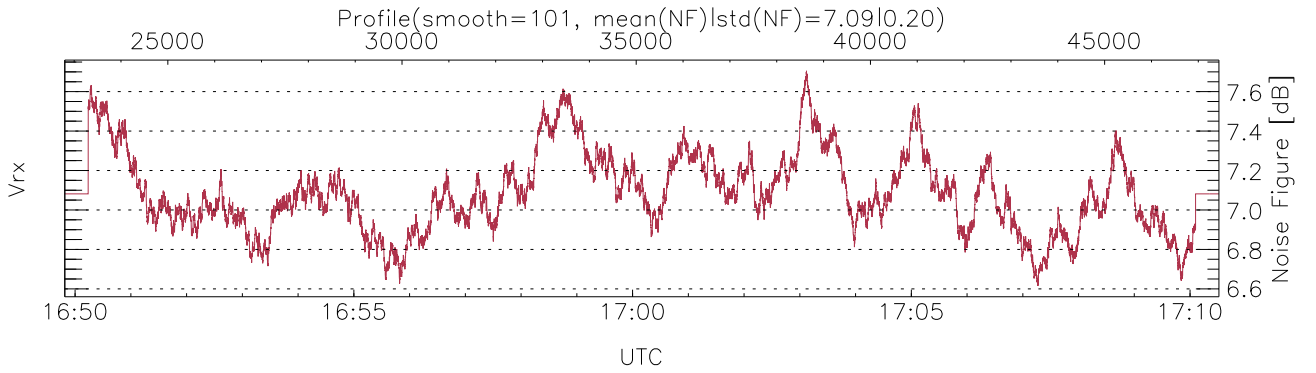
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

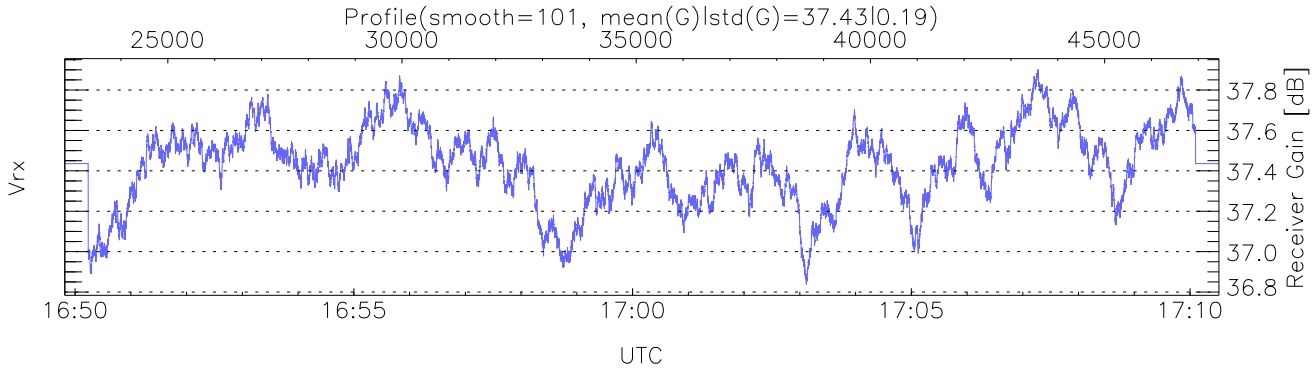
UTC: 16:30:39-17:10:31, Dur: 2391.62s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 24642/47442, 22800-47441/16:49:49-17:10:31
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

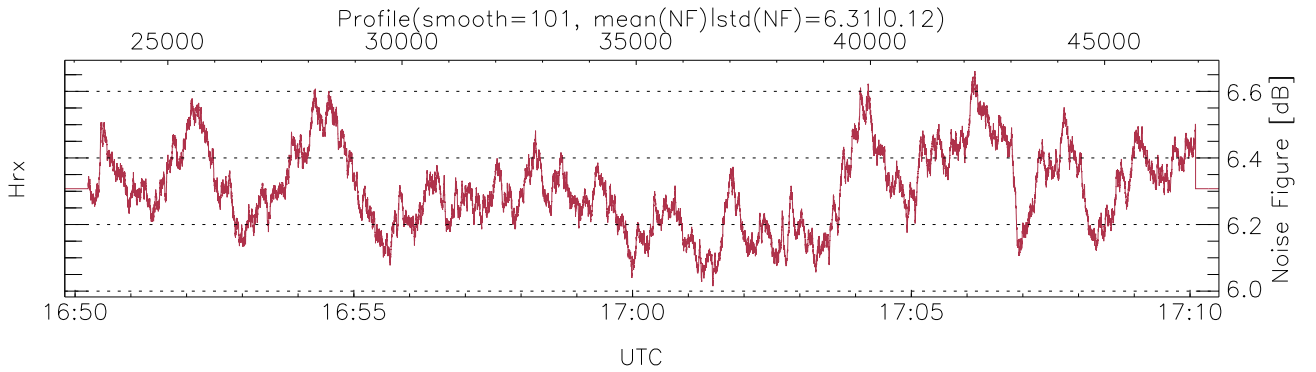


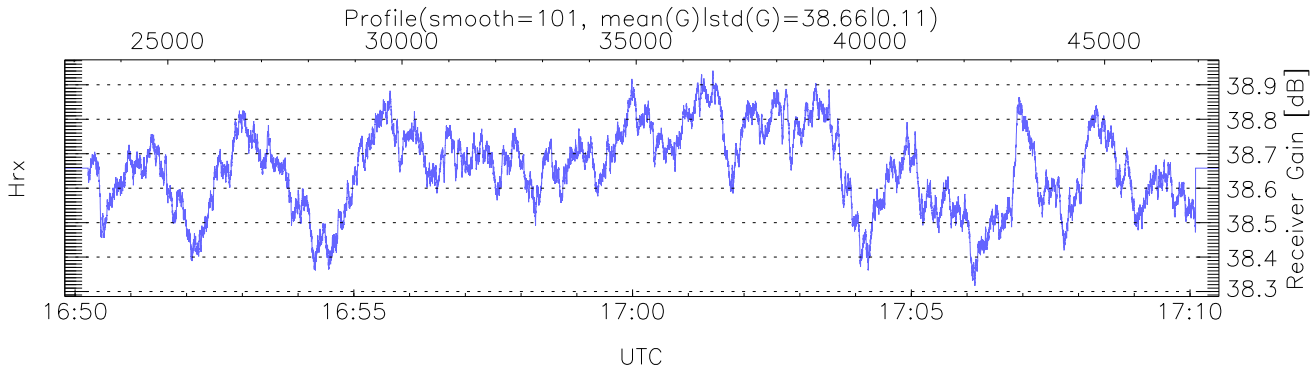
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,23,21,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,24,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,10,10)



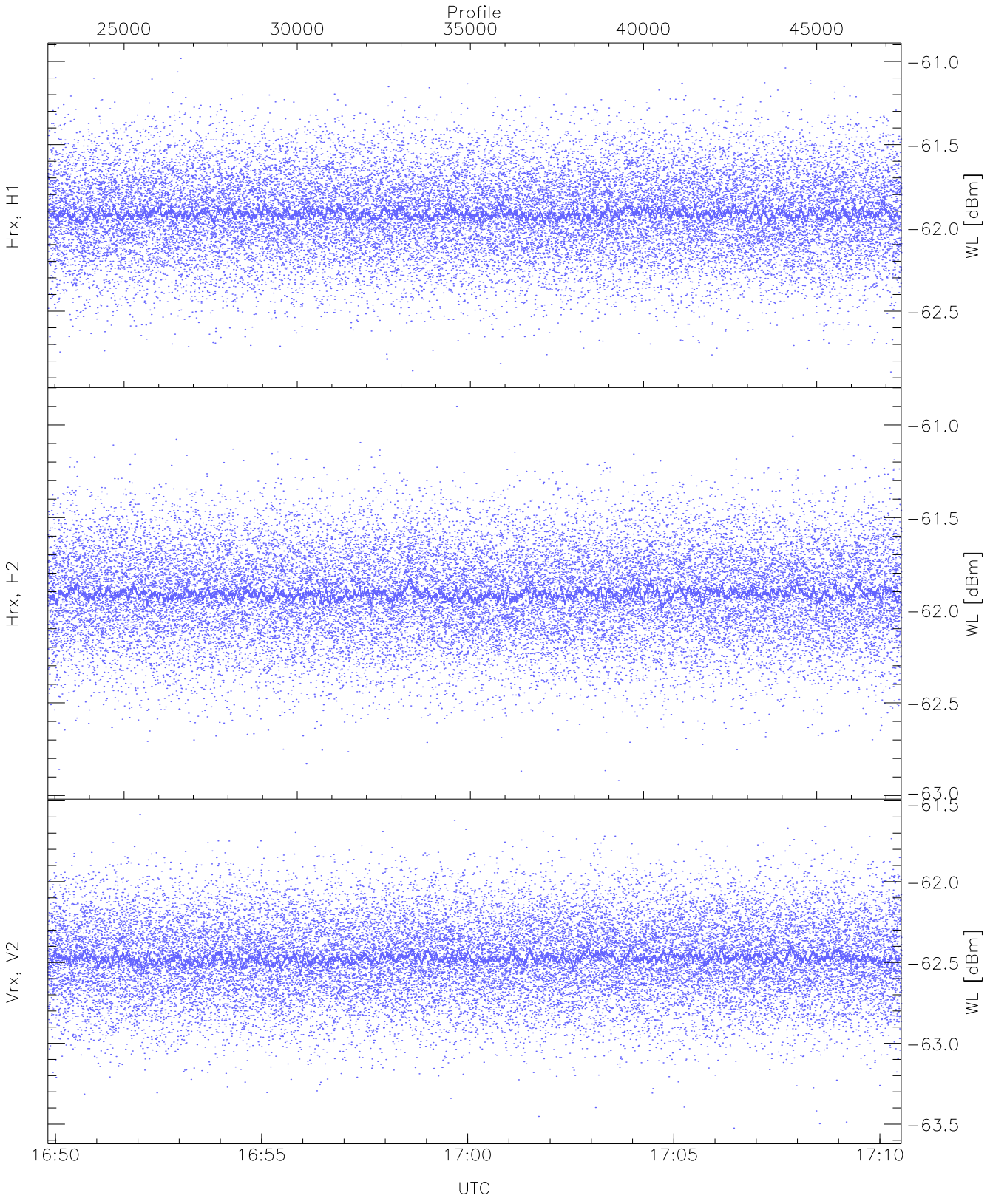






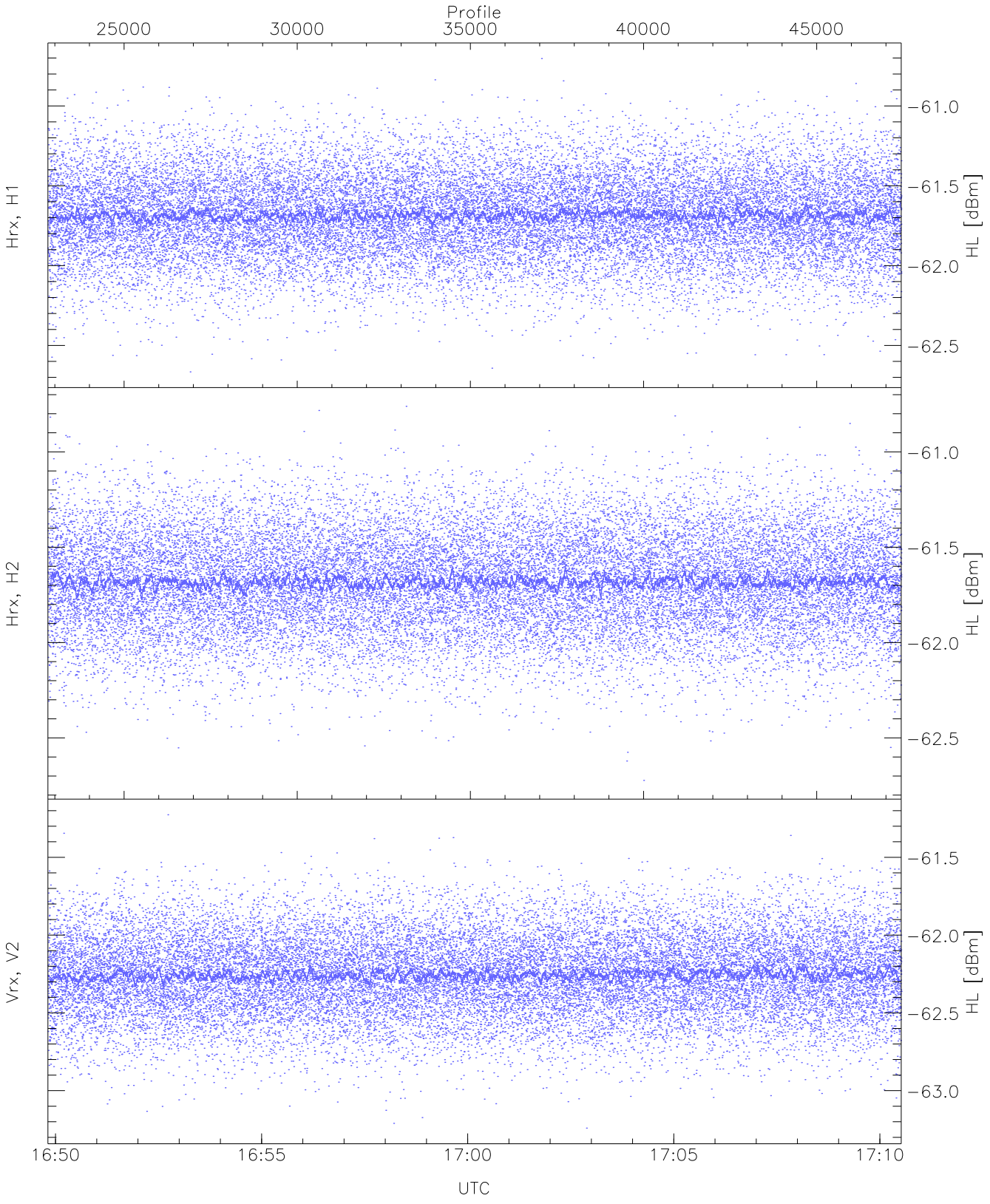
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15568 pixs, 27 gates, 14472 profs, 2 prods



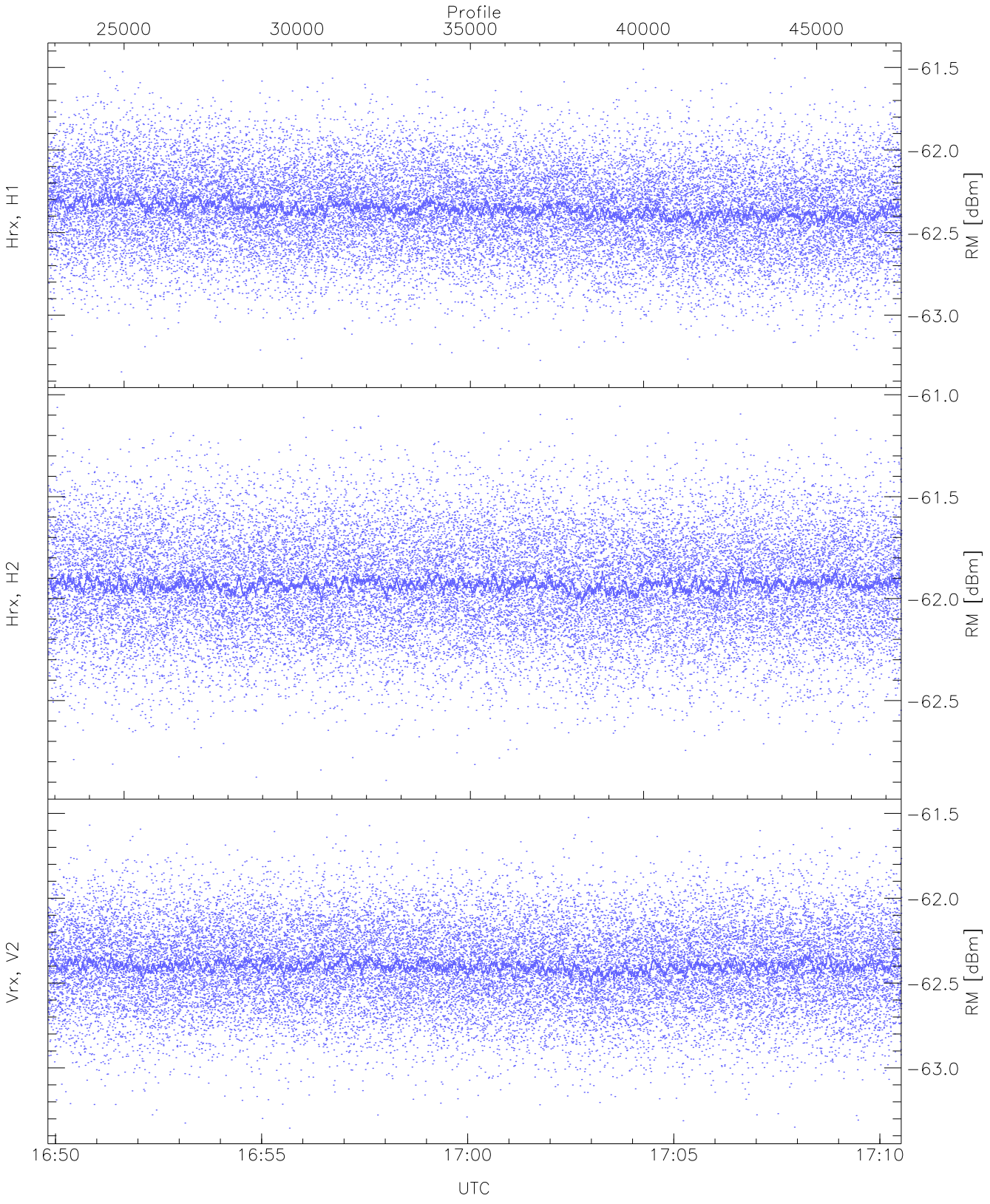
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.86	-60.98	-61.91	-61.91	-74.48
Hrx, H2(WL [dBm])	-62.92	-60.90	-61.91	-61.91	-74.51
Vrx, V2(WL [dBm])	-63.52	-61.59	-62.47	-62.47	-75.06



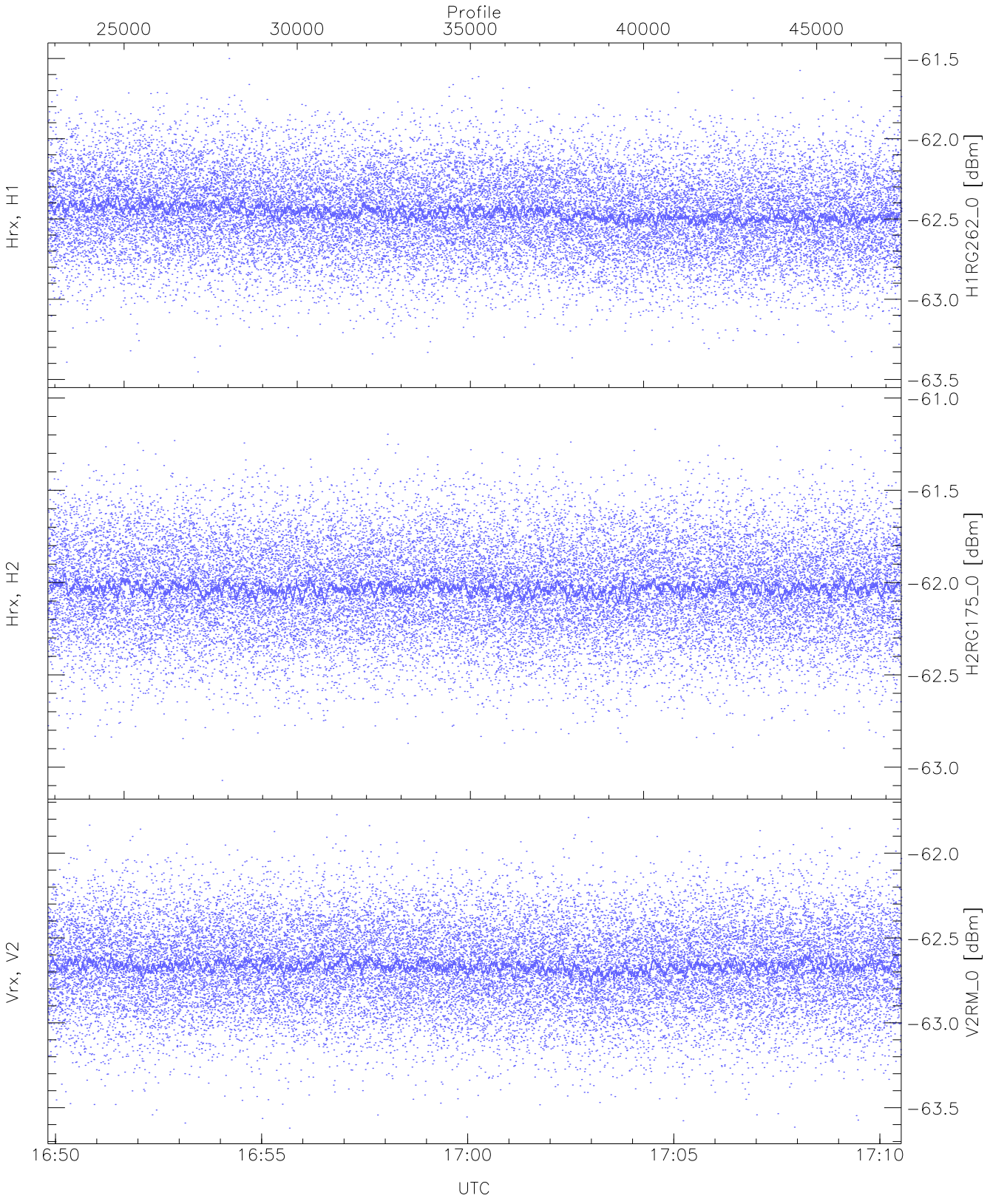
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.67	-60.70	-61.68	-61.69	-74.23
Hrx, H2(HL [dBm])	-62.72	-60.76	-61.68	-61.68	-74.28
Vrx, V2(HL [dBm])	-63.24	-61.23	-62.25	-62.26	-74.80



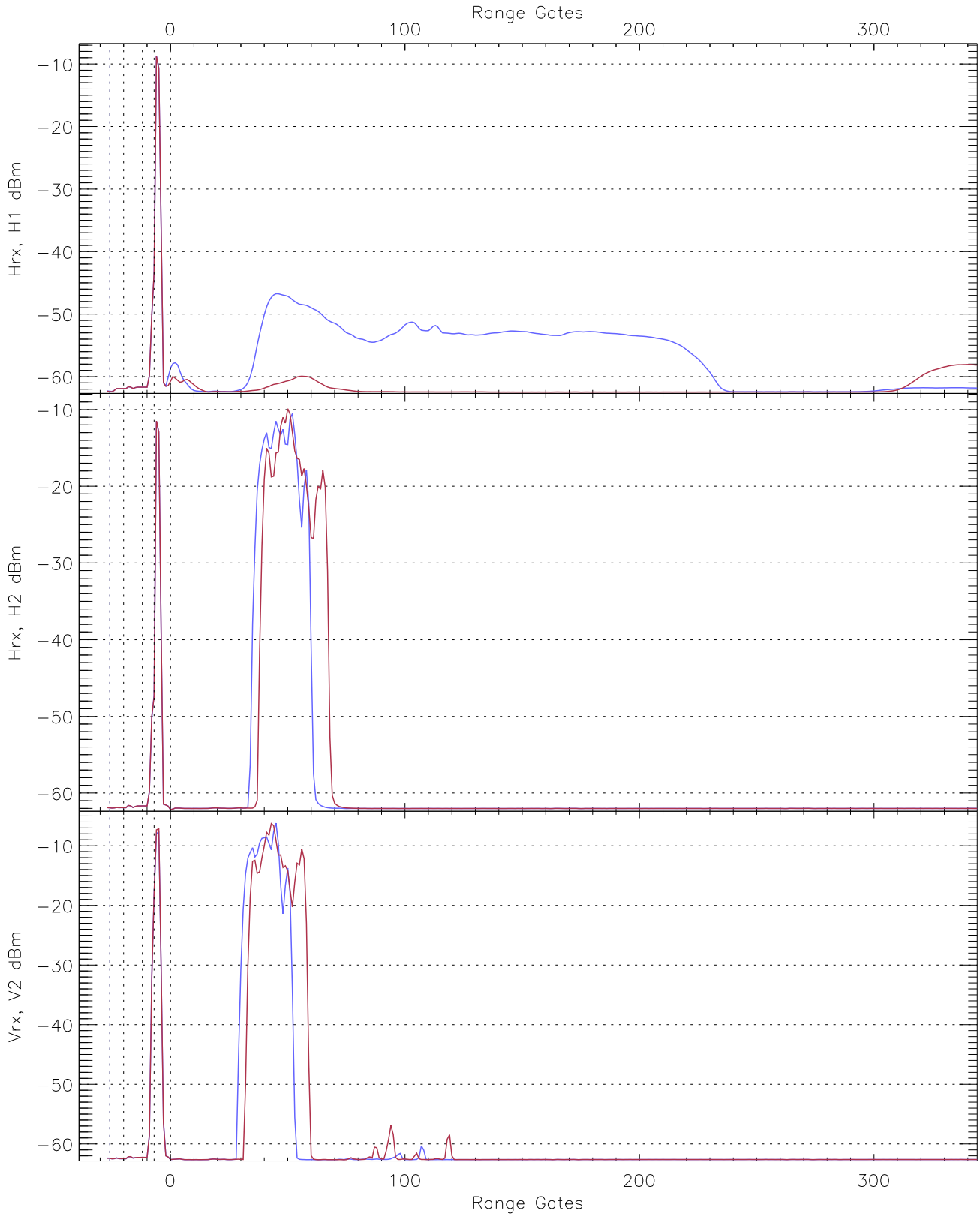
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.34	-61.45	-62.35	-62.36	-74.85
Hrx, H2(RM [dBm])	-62.89	-61.06	-61.93	-61.93	-74.49
Vrx, V2(RM [dBm])	-63.35	-61.51	-62.40	-62.40	-74.97

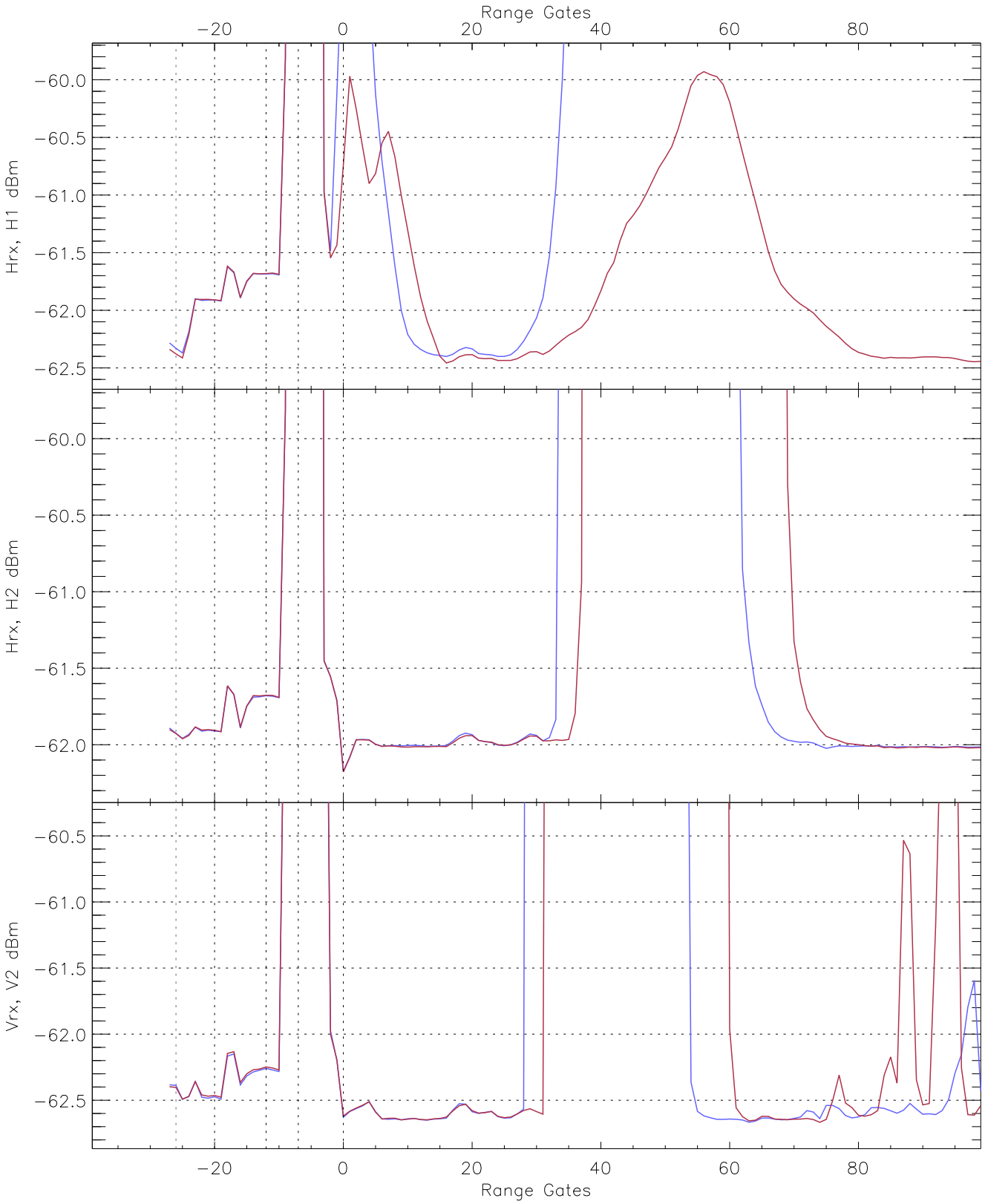


WCR2 CPP "Best" estimate Receivers Noise Power

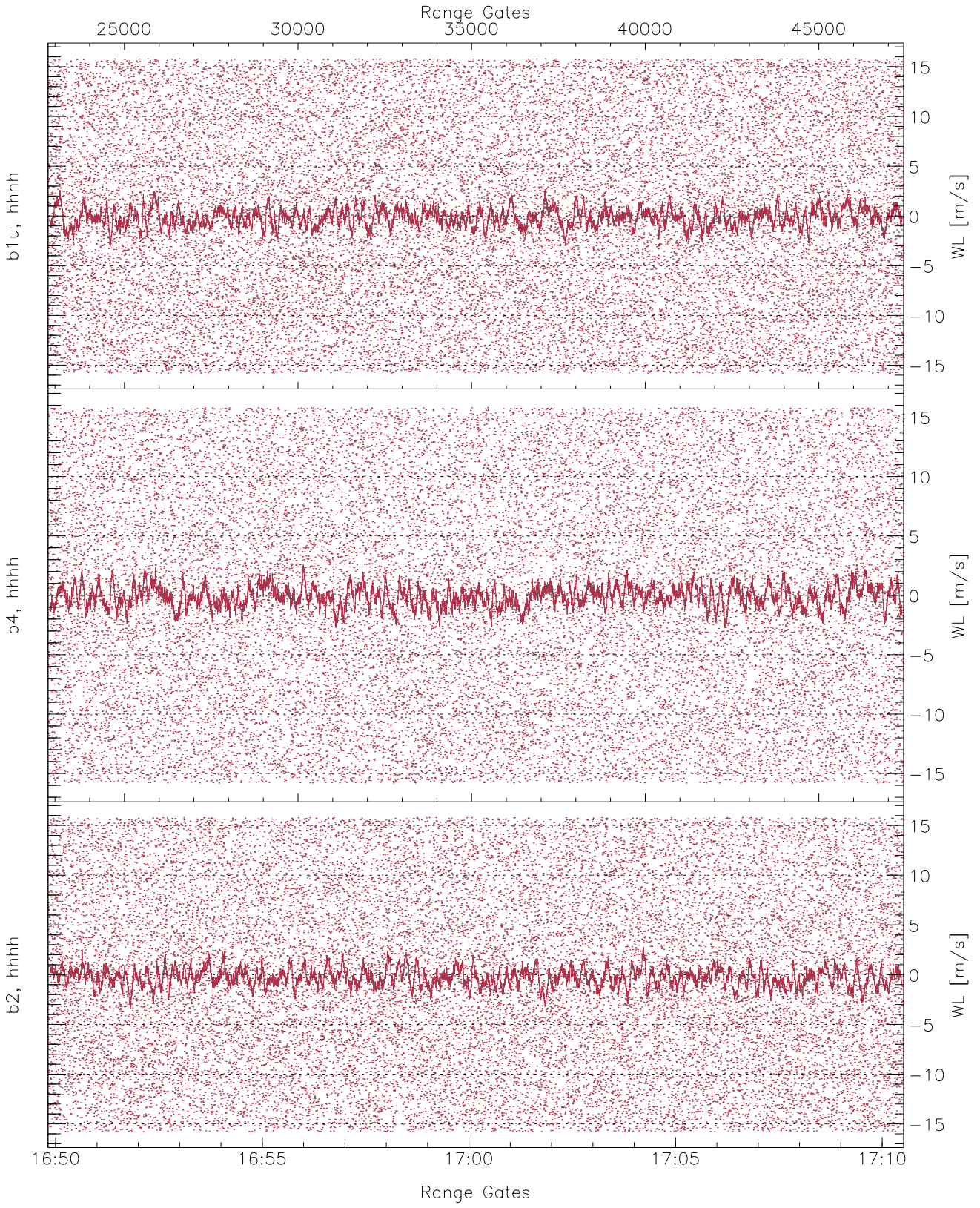
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.45	-61.50	-62.46	-62.46	-74.99
H2RG175_0 [dBm]	-63.07	-61.04	-62.03	-62.03	-74.58
V2RM_0 [dBm]	-63.62	-61.77	-62.66	-62.67	-75.24



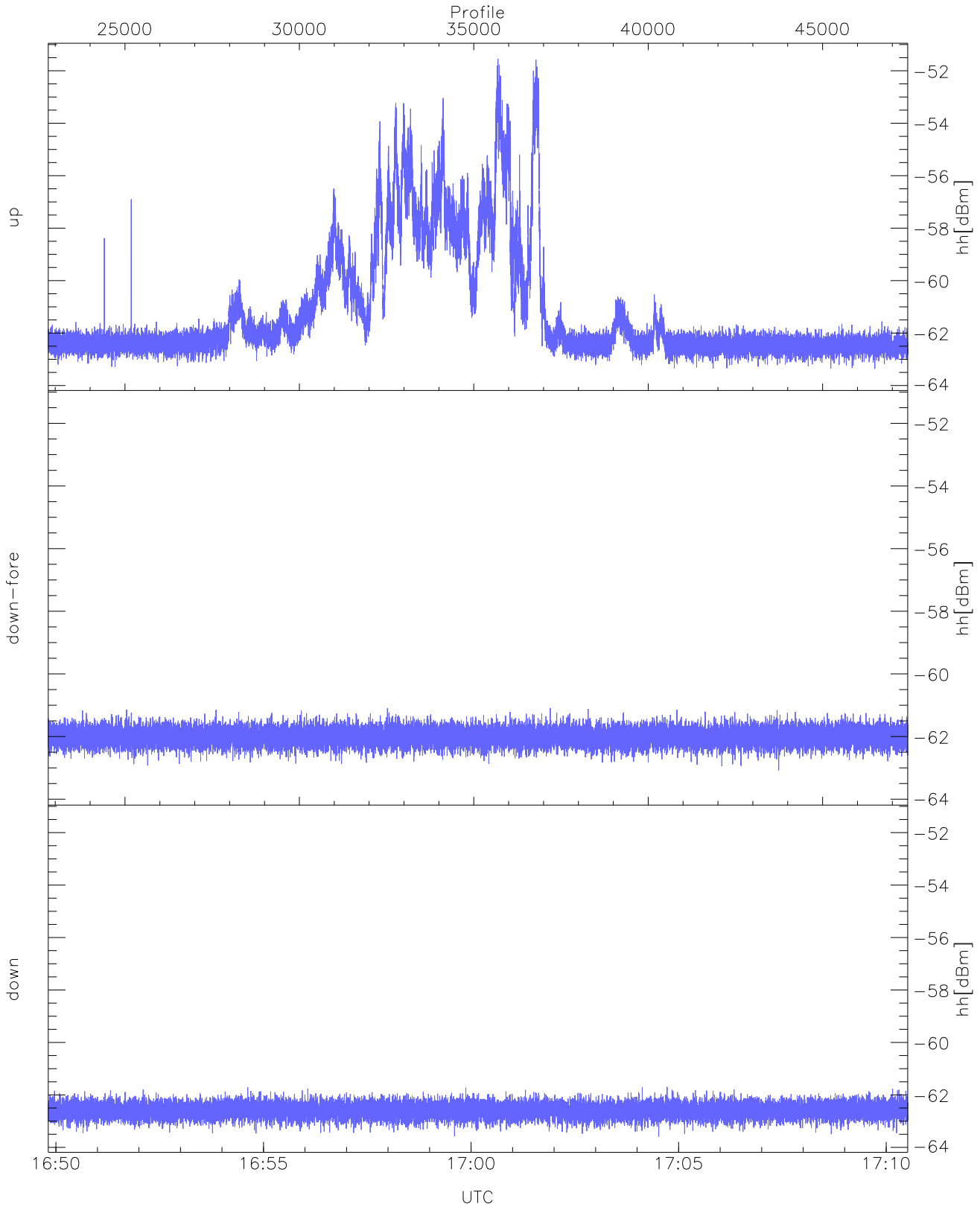
WCR2 CPP Averaged Received power for all recorded gates
blue: 164949-170010, 12322 profiles averaged
red: 170010-171031, 12321 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164949-170010, 12322 profiles averaged
red: 170010-171031, 12321 profiles averaged

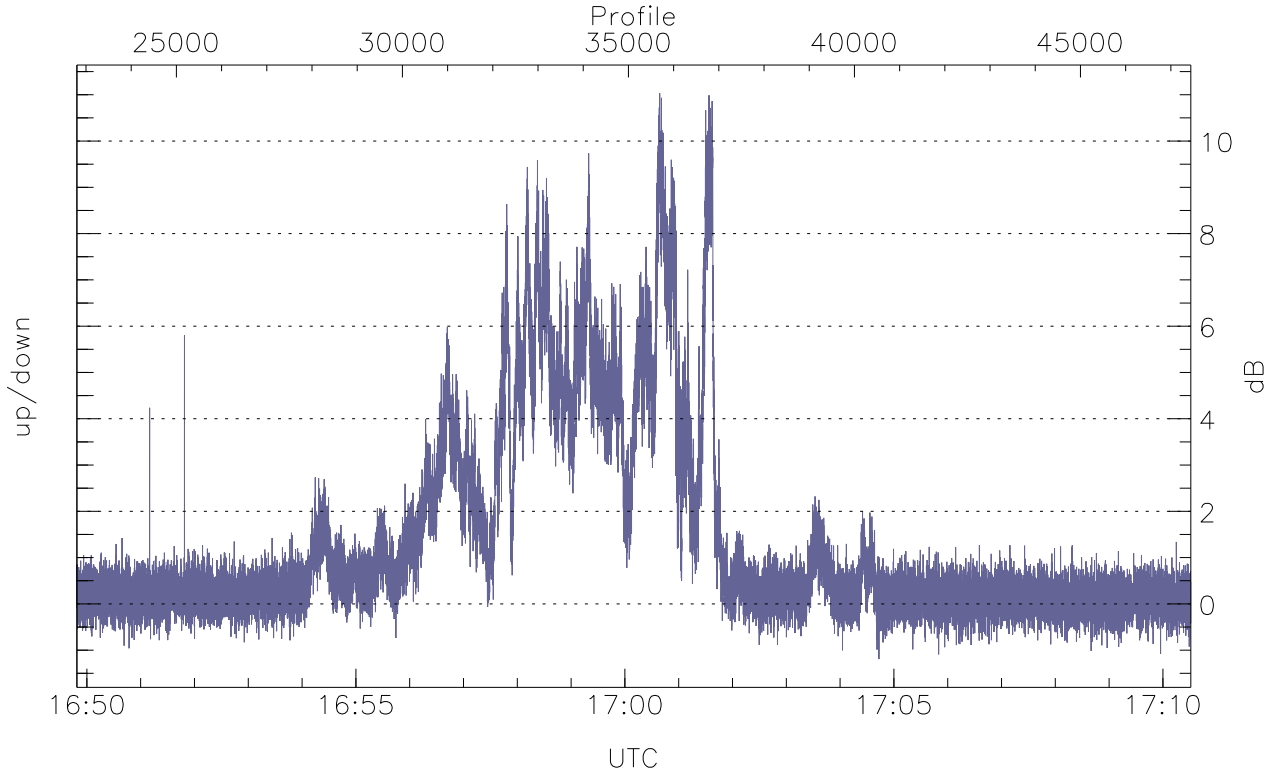


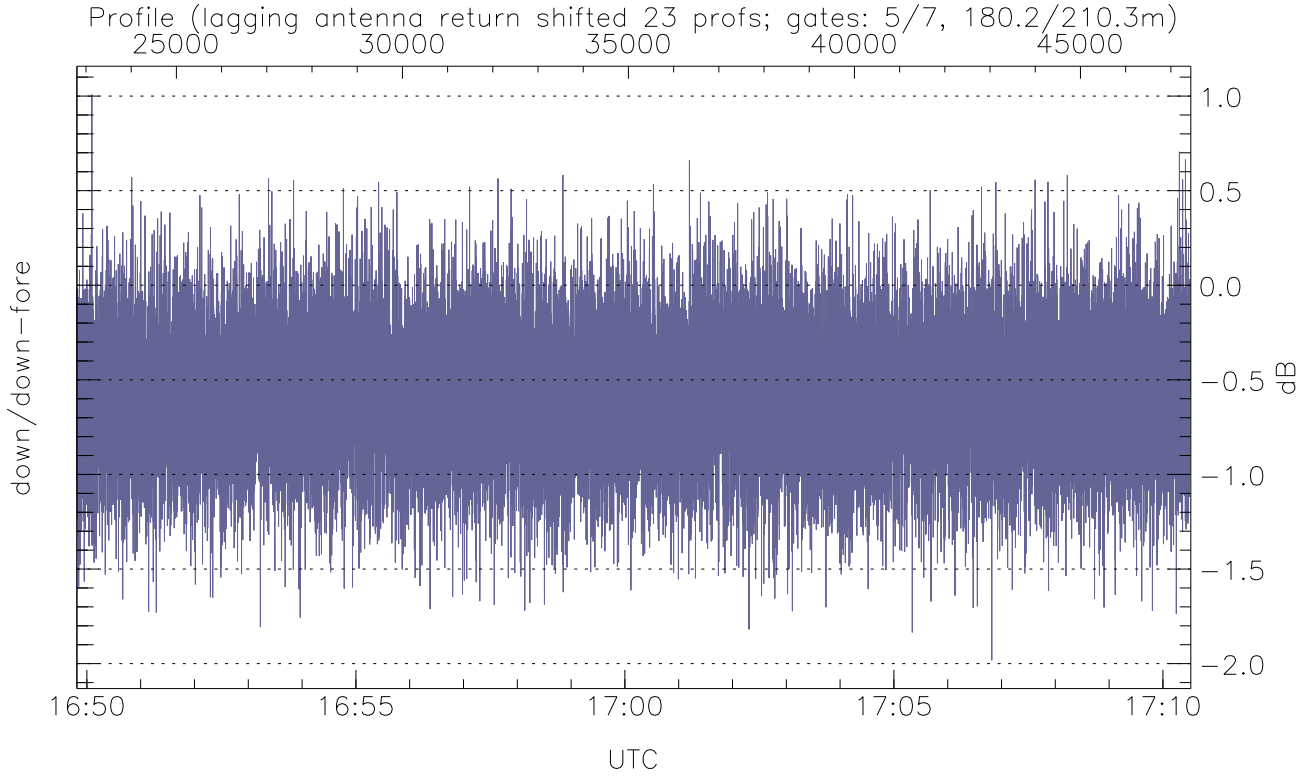
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

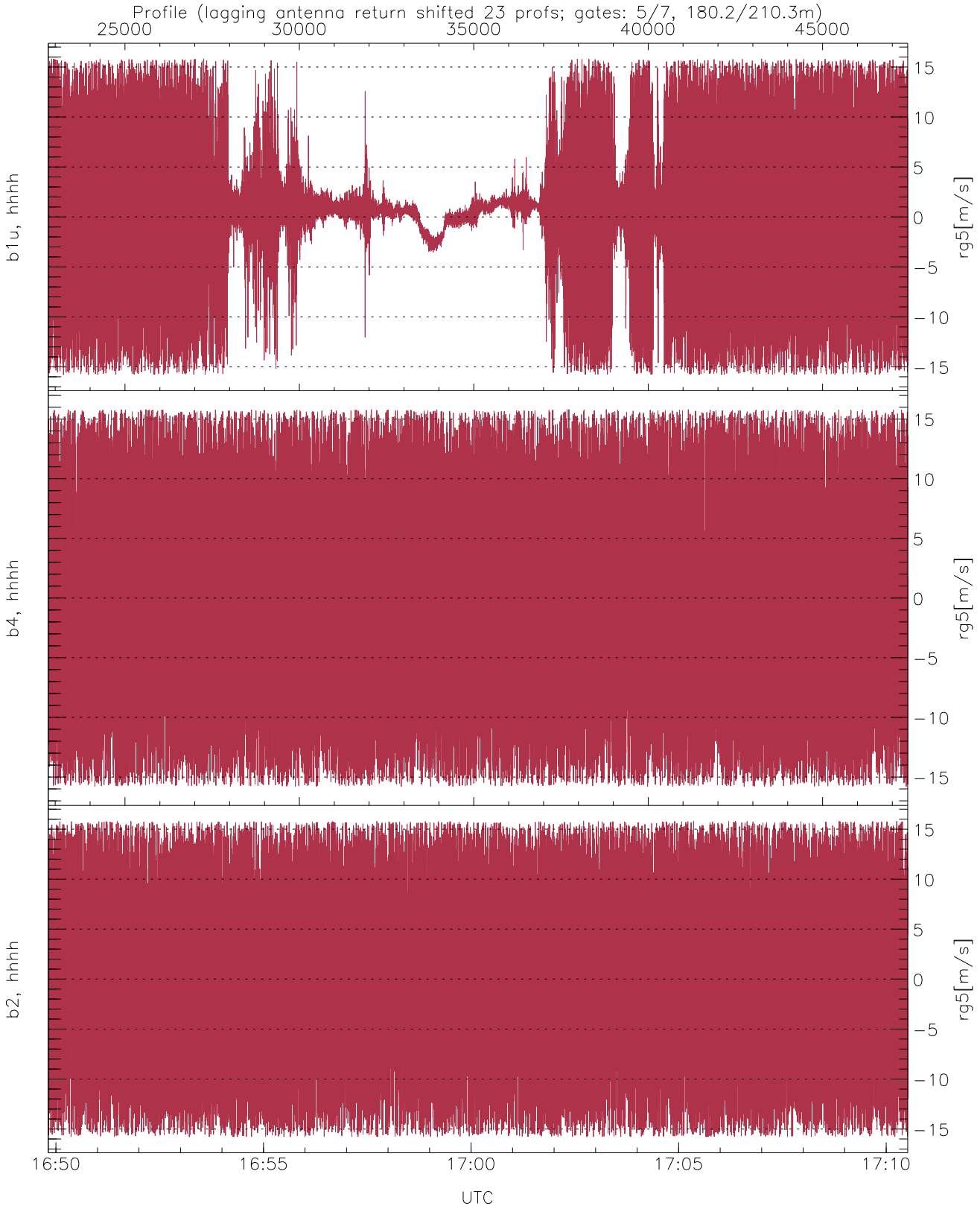
	Min	Max	Mean
up(hh[dBm])	-63.36	-51.55	-60.46
down-fore(hh[dBm])	-63.08	-61.09	-62.00
down(hh[dBm])	-63.59	-61.69	-62.59





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

	Min	Max	Mean
up/down(dB)	-1.19	11.03	1.42
down/down-fore(dB)	-1.98	1.01	-0.58



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	0.23	6.94
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.18	9.08
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.38	9.02