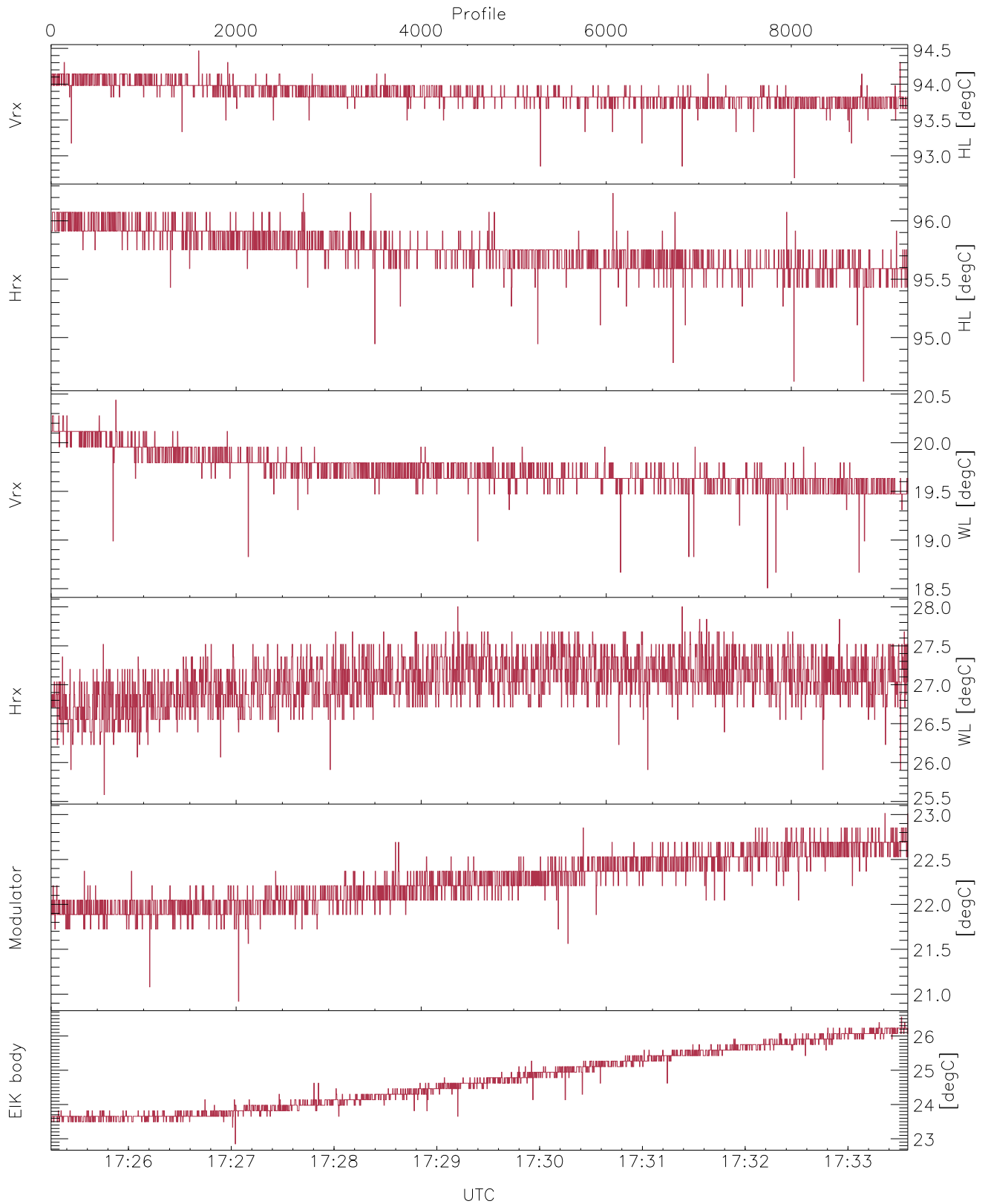


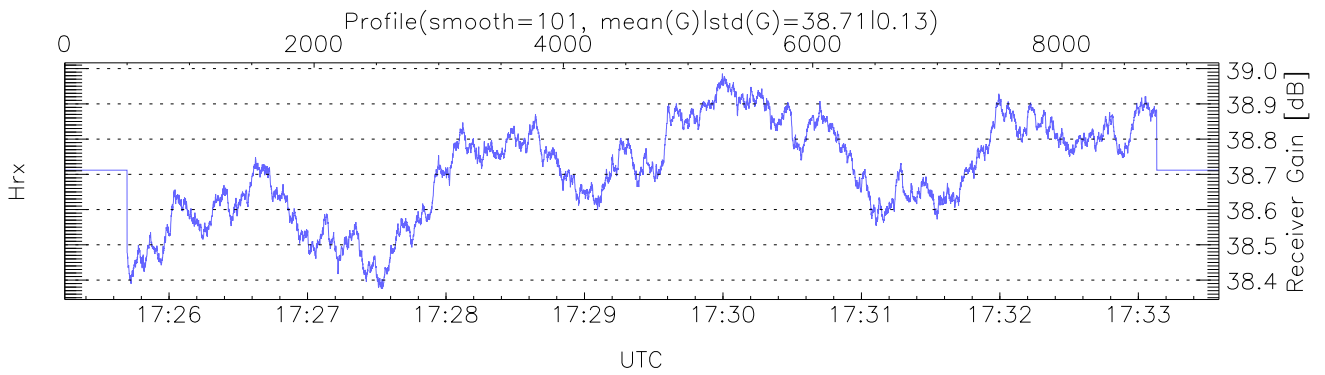
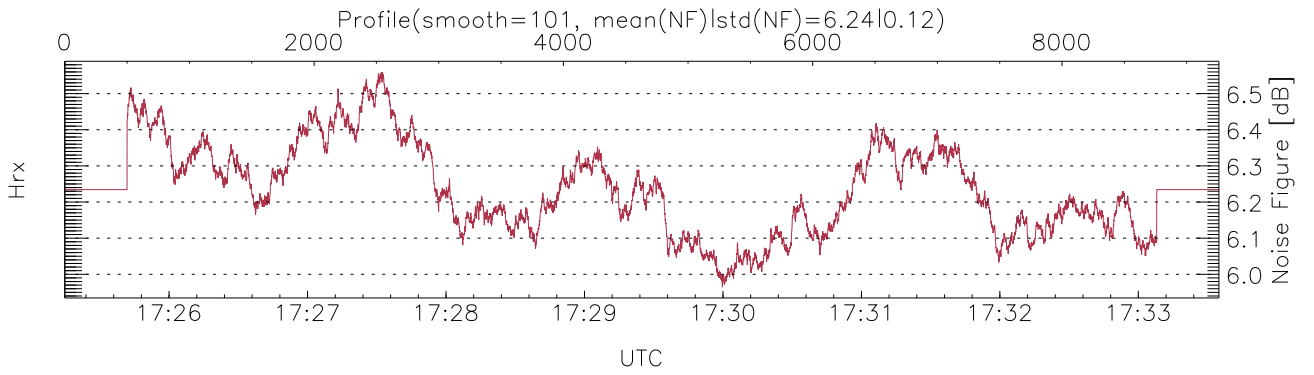
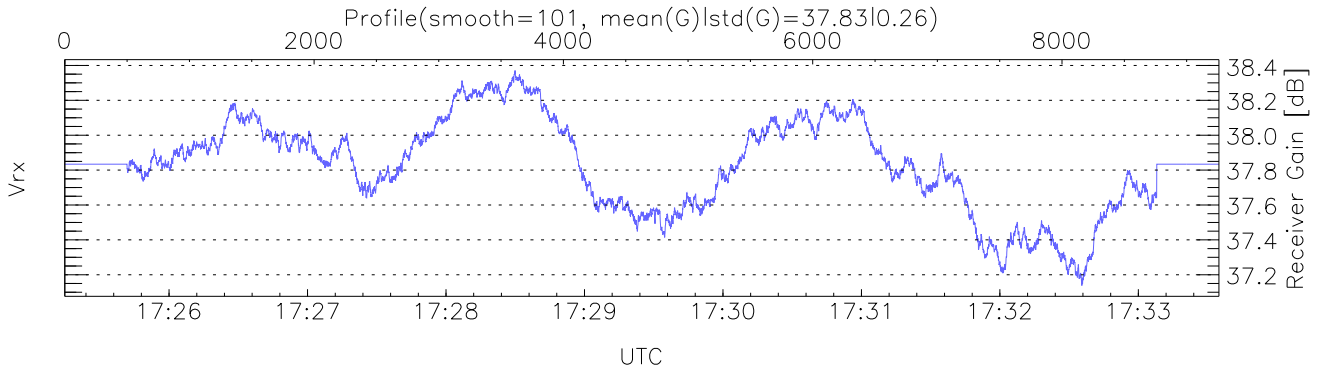
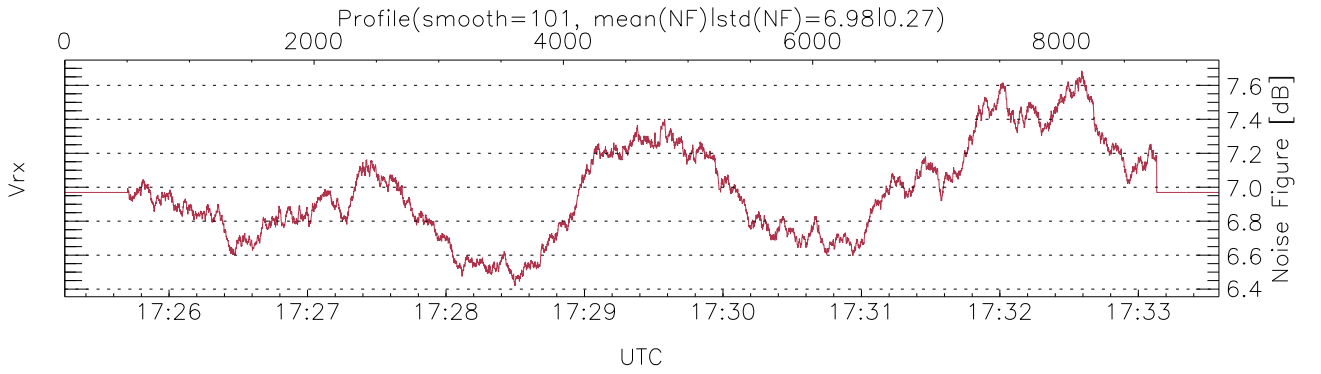
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:25:15-17:33:35, Dur: 500.11s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 9260/9260, 0-9259/17:25:15-17:33:35  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



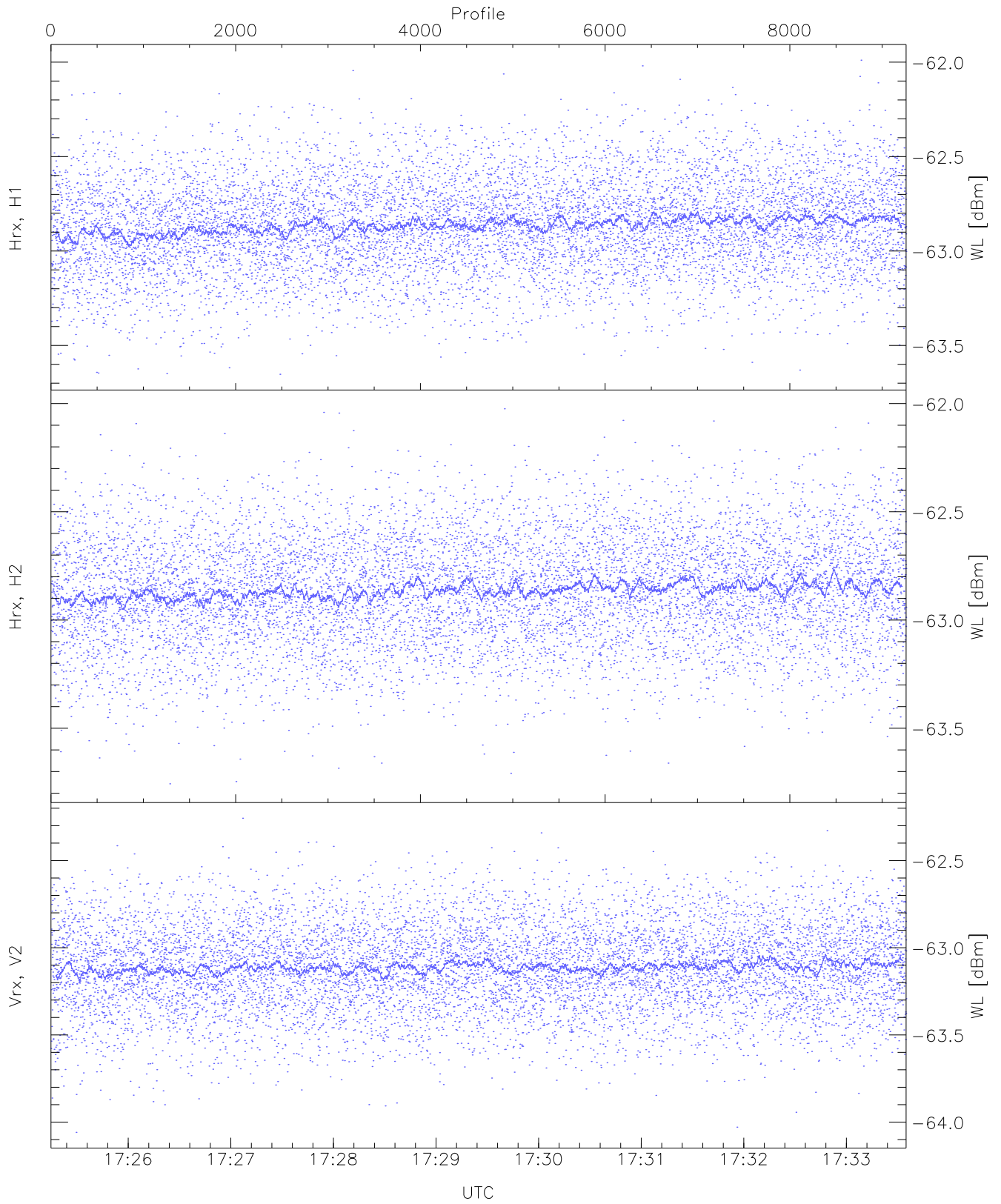
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,18,25,20,22  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,23,26  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,13)



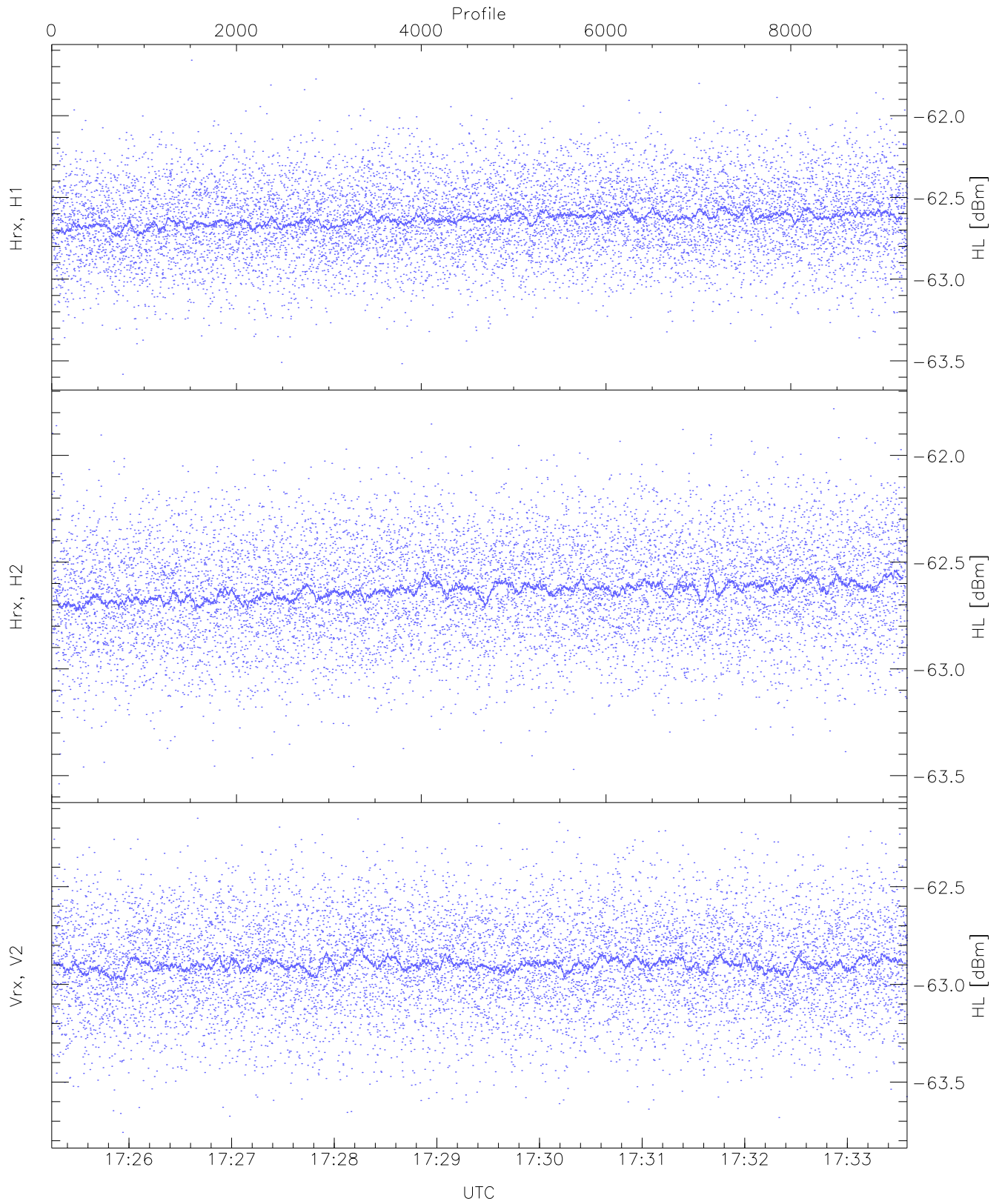
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5043 pixs, 40 gates, 4511 profs, 2 prods



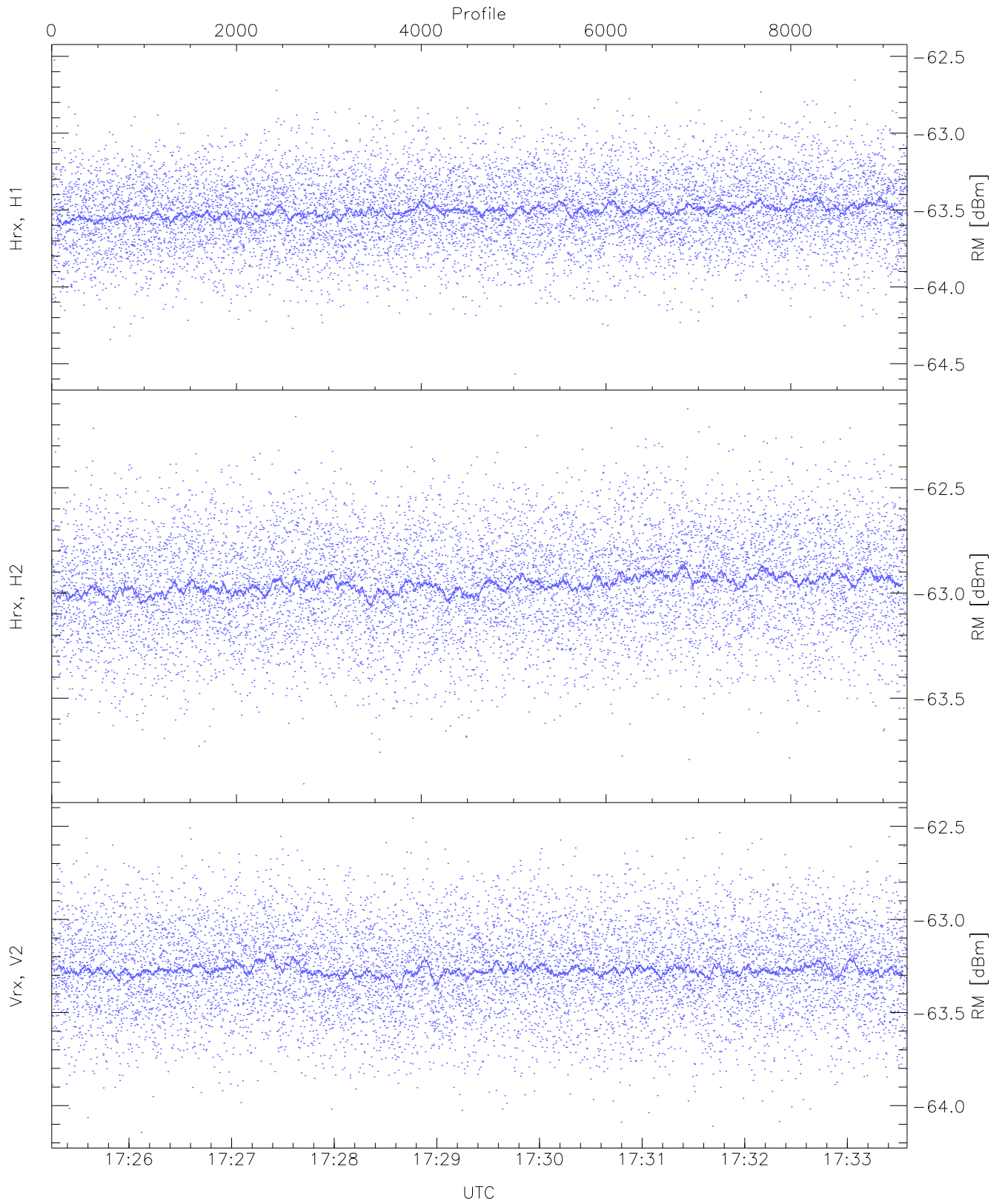
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.65	-61.99	-62.86	-62.87	-75.57
Hrx, H2(WL [dBm])	-63.76	-62.02	-62.86	-62.86	-75.50
Vrx, V2(WL [dBm])	-64.06	-62.26	-63.11	-63.11	-75.80



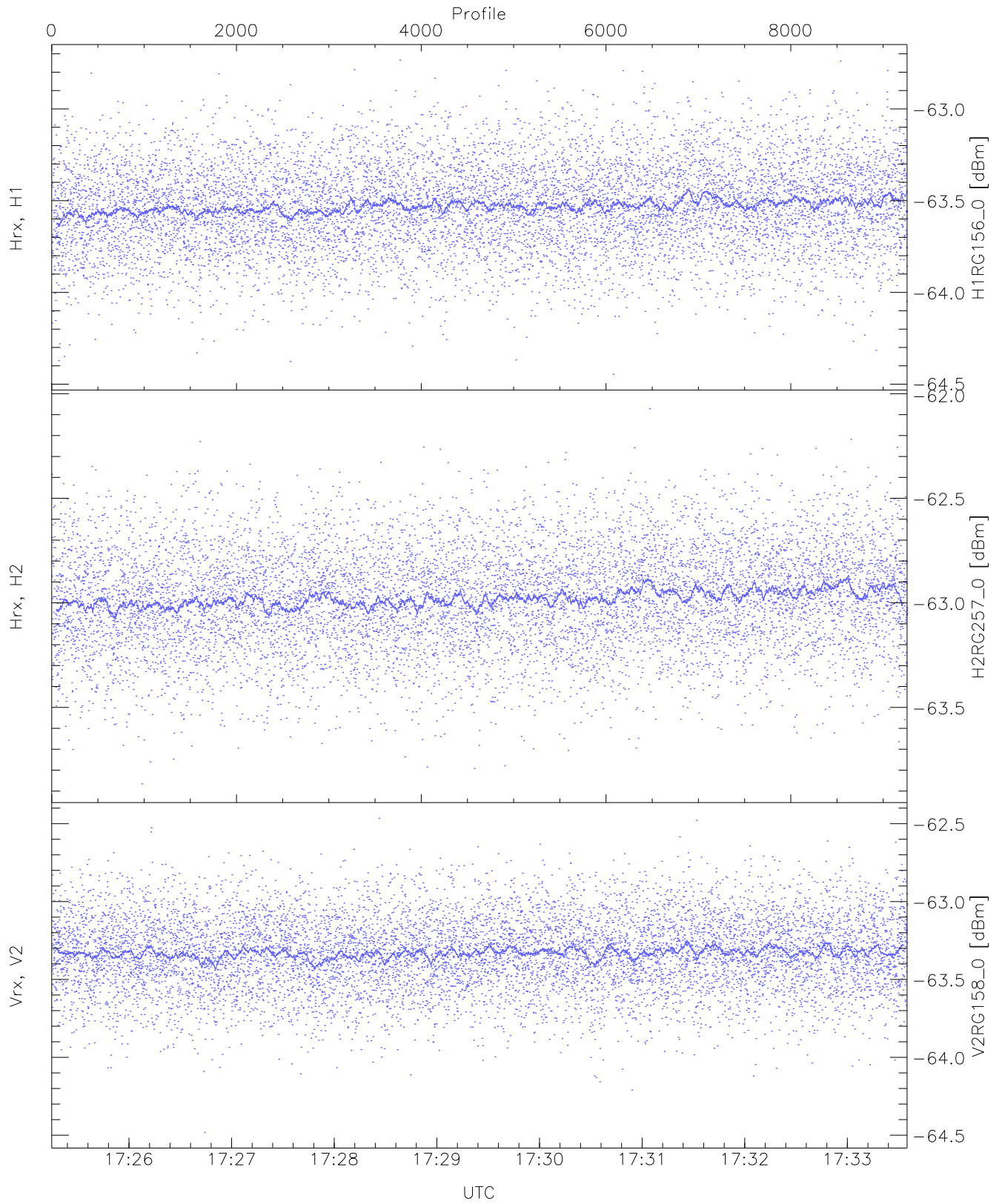
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.58	-61.66	-62.63	-62.64	-75.34
Hrx, H2 (HL [dBm])	-63.54	-61.78	-62.63	-62.63	-75.35
Vrx, V2 (HL [dBm])	-63.76	-62.15	-62.89	-62.90	-75.59



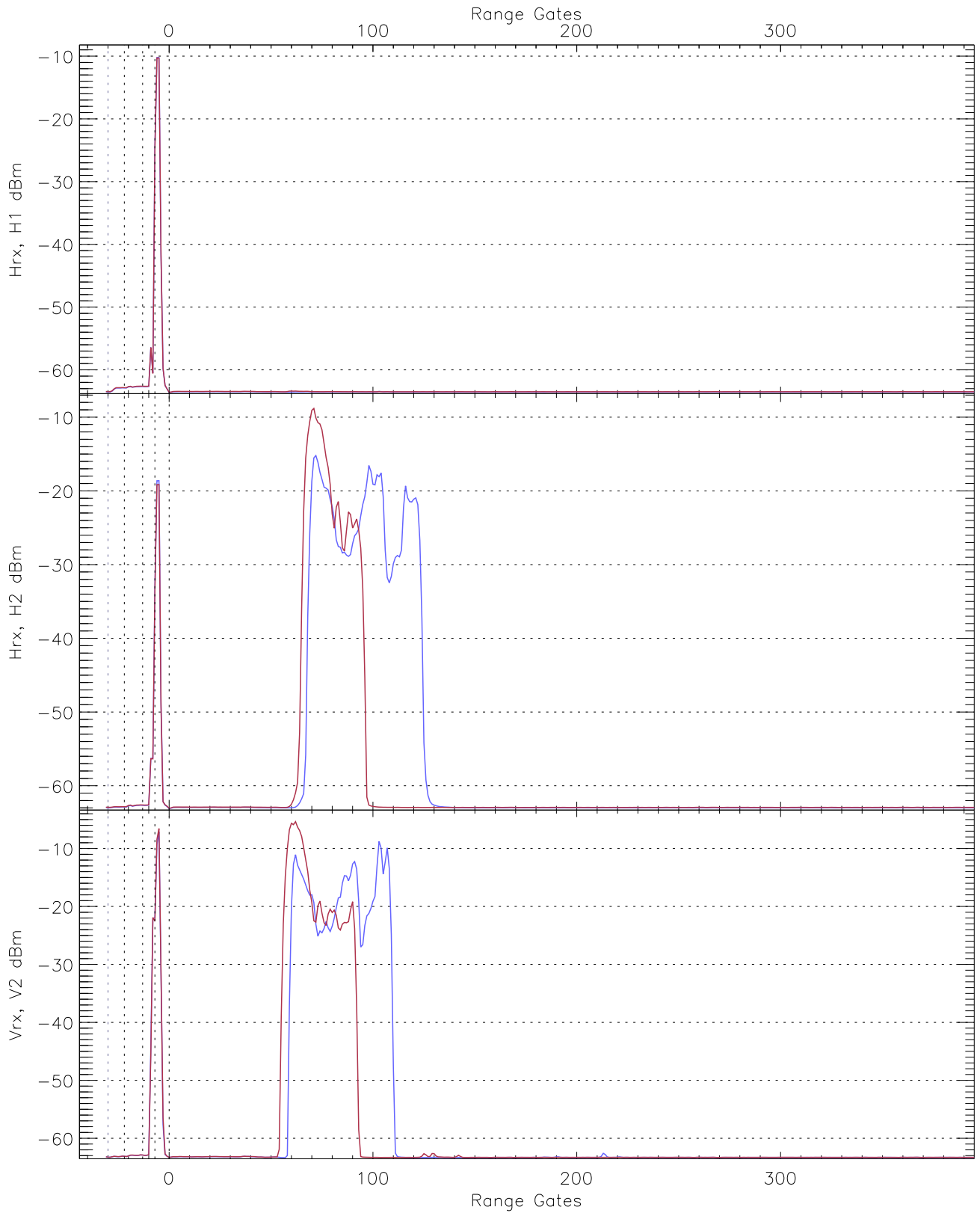
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.57	-62.53	-63.50	-63.51	-76.20
Hrx, H2 (RM [dBm])	-63.91	-62.12	-62.95	-62.96	-75.67
Vrx, V2 (RM [dBm])	-64.14	-62.46	-63.27	-63.27	-75.95



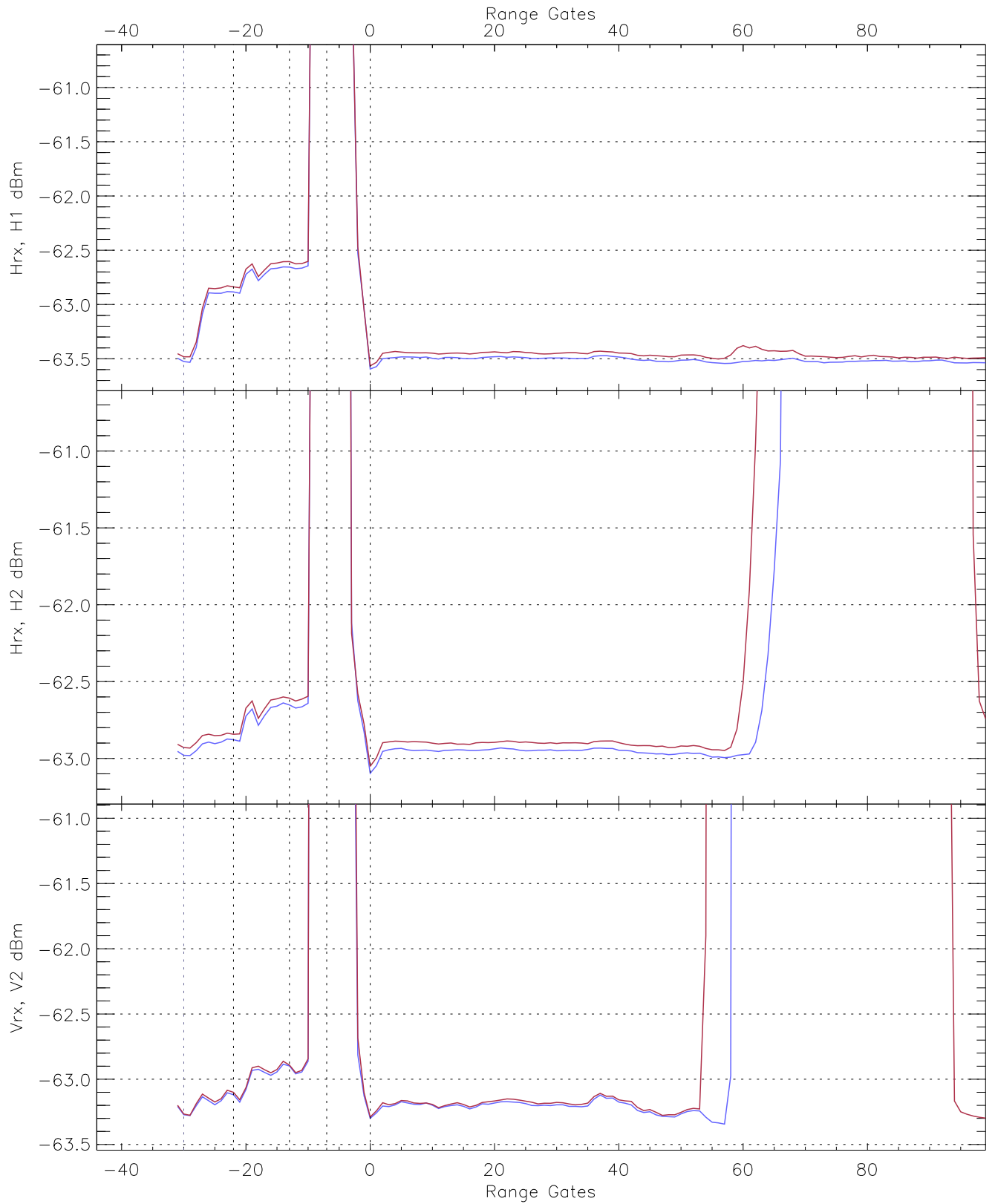
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG156_0 [dBm]	-64.45	-62.73	-63.53	-63.53	-76.24
H2RG257_0 [dBm]	-63.87	-62.07	-62.97	-62.98	-75.68
V2RG158_0 [dBm]	-64.48	-62.47	-63.33	-63.33	-76.01

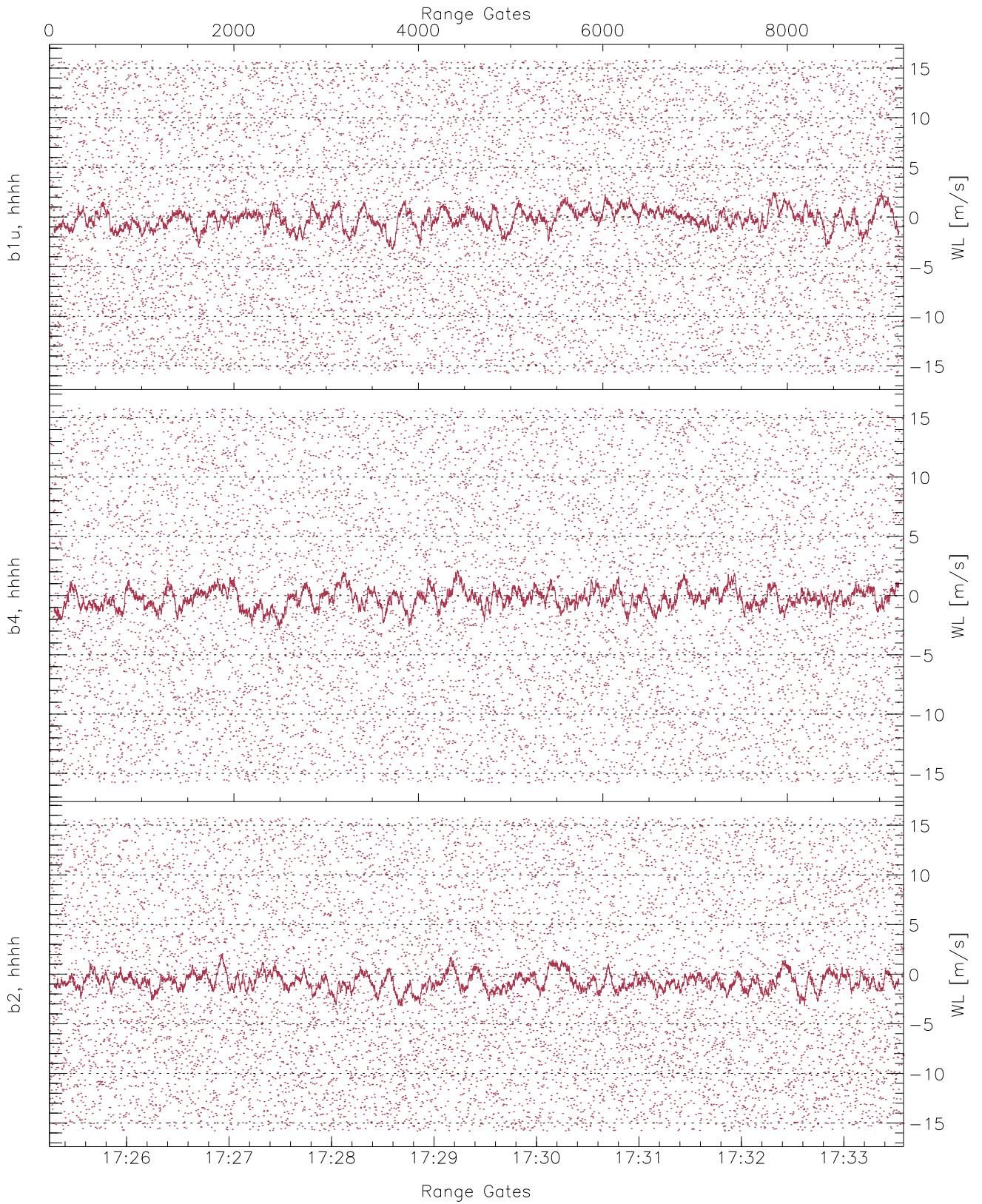


WCR2 CPP Averaged Received power for all recorded gates  
blue: 172515-172925, 4631 profiles averaged  
red: 172925-173335, 4630 profiles averaged

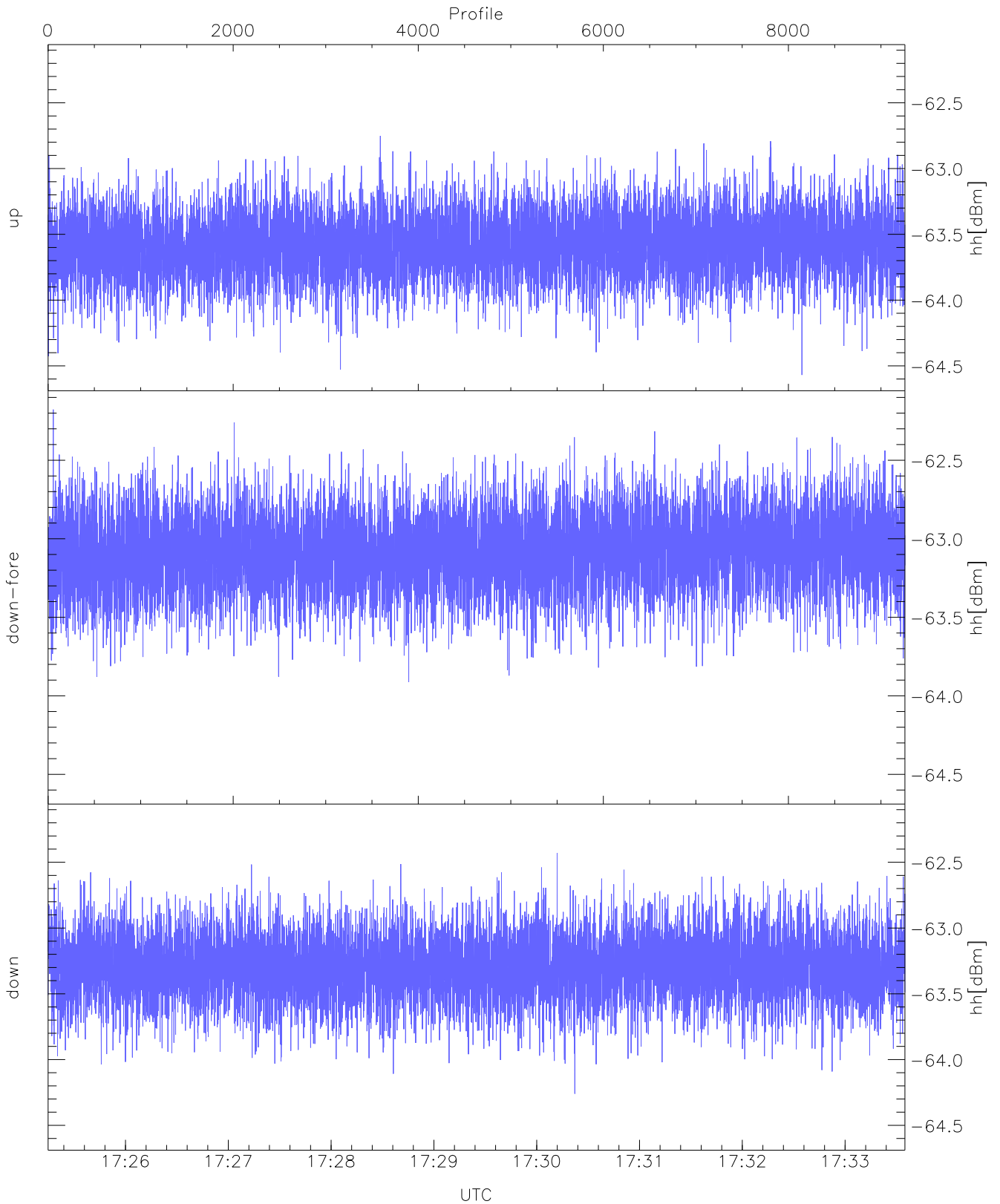




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 172515-172925, 4631 profiles averaged  
red: 172925-173335, 4630 profiles averaged

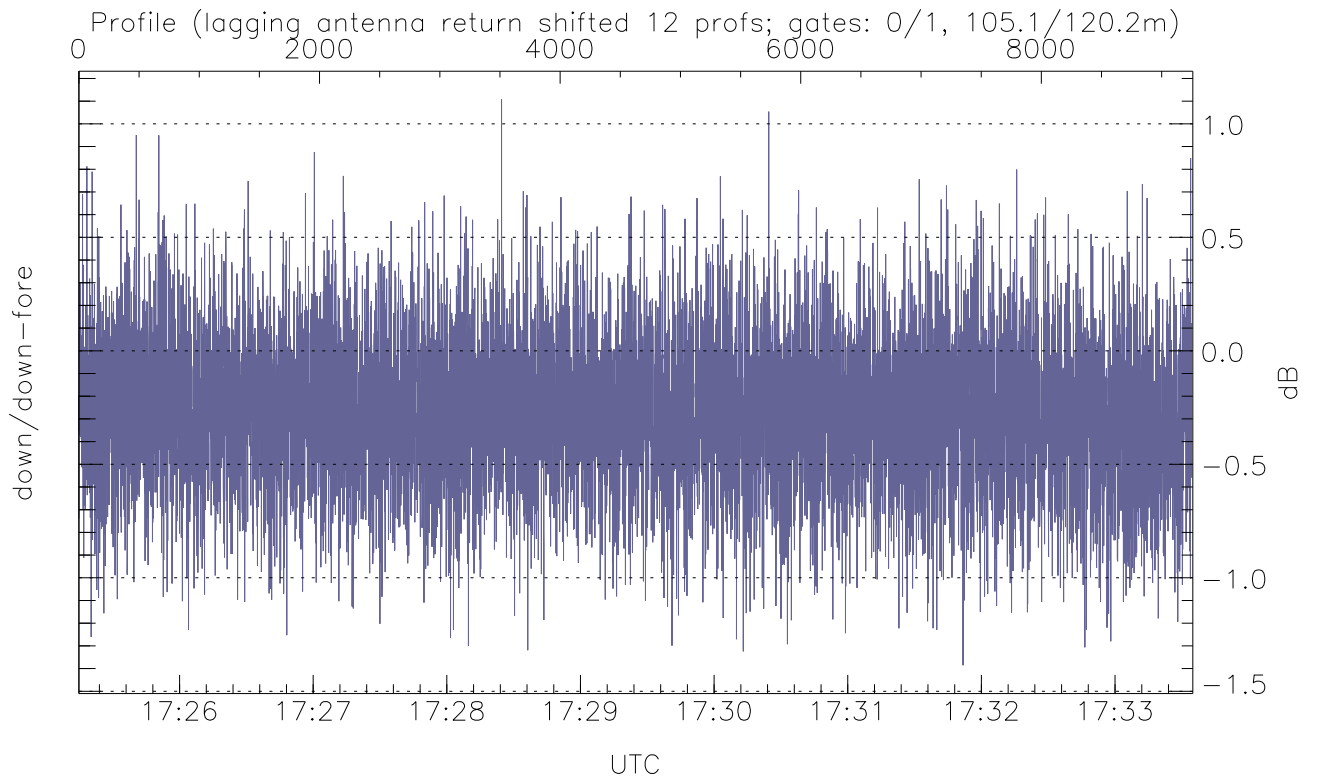
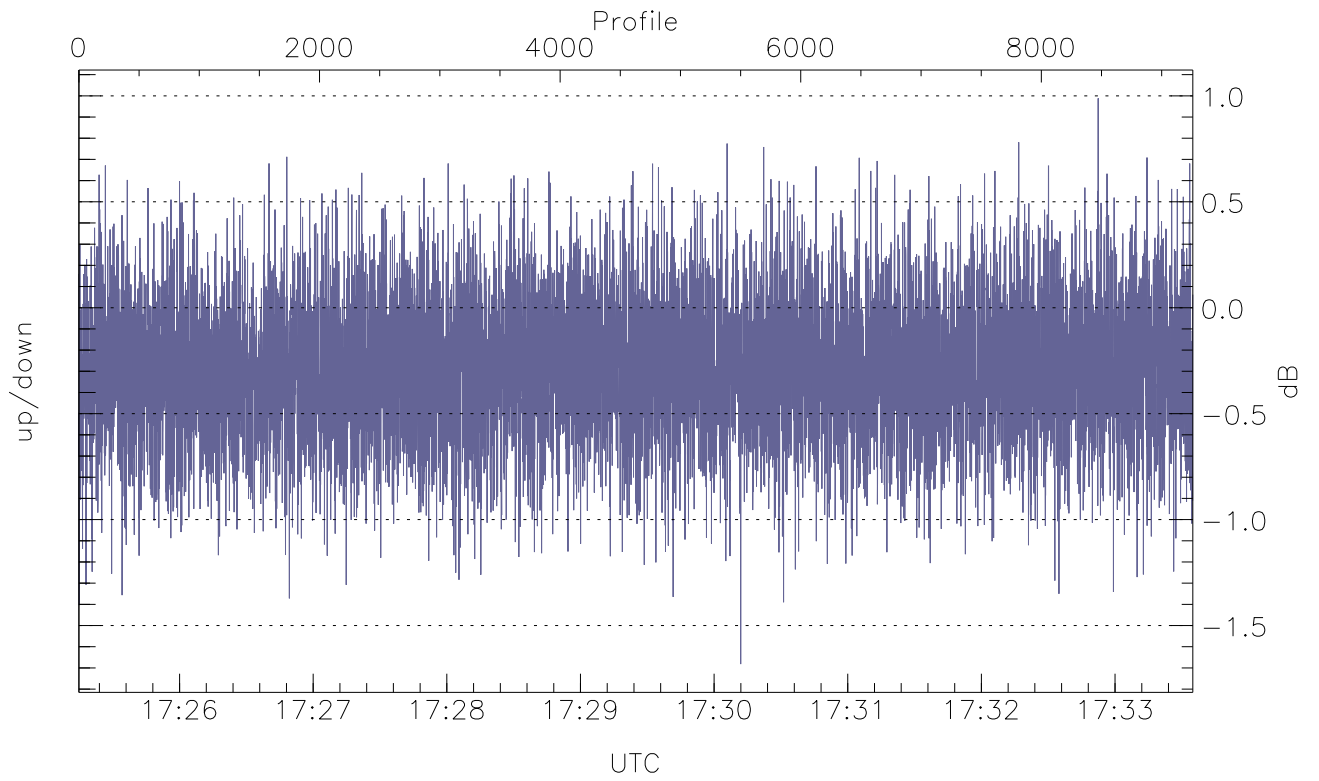


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



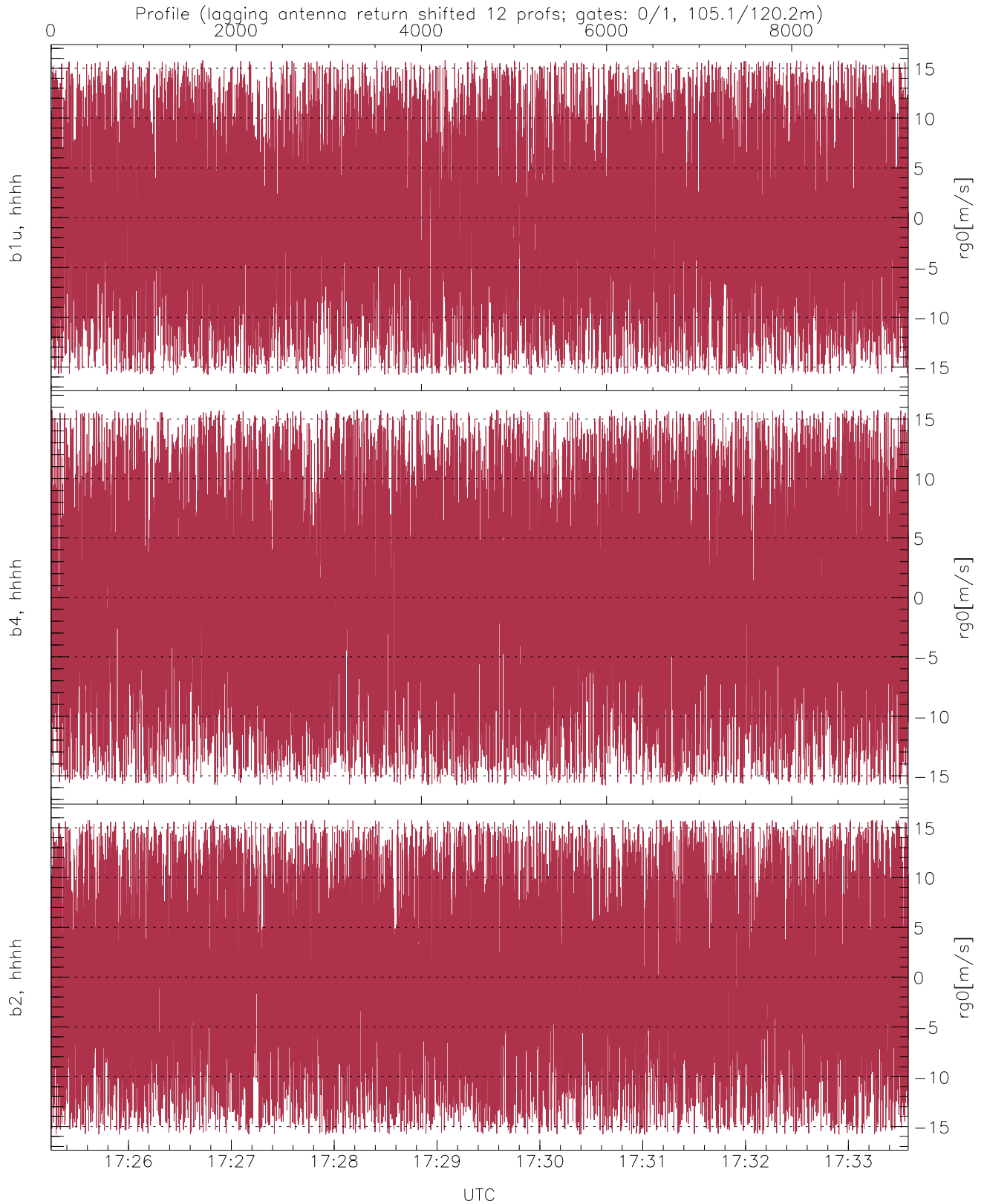
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.57	-62.75	-63.58
down-fore(hh[dBm])	-63.91	-62.18	-63.07
down(hh[dBm])	-64.26	-62.43	-63.29



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-1.68	0.99	-0.29
down/down-fore (dB)	-1.39	1.11	-0.27



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.80	15.80	-0.29	8.81
b4, hhhh(rg0[m/s])	-15.80	15.80	-0.34	9.08
b2, hhhh(rg0[m/s])	-15.80	15.79	-0.45	9.05