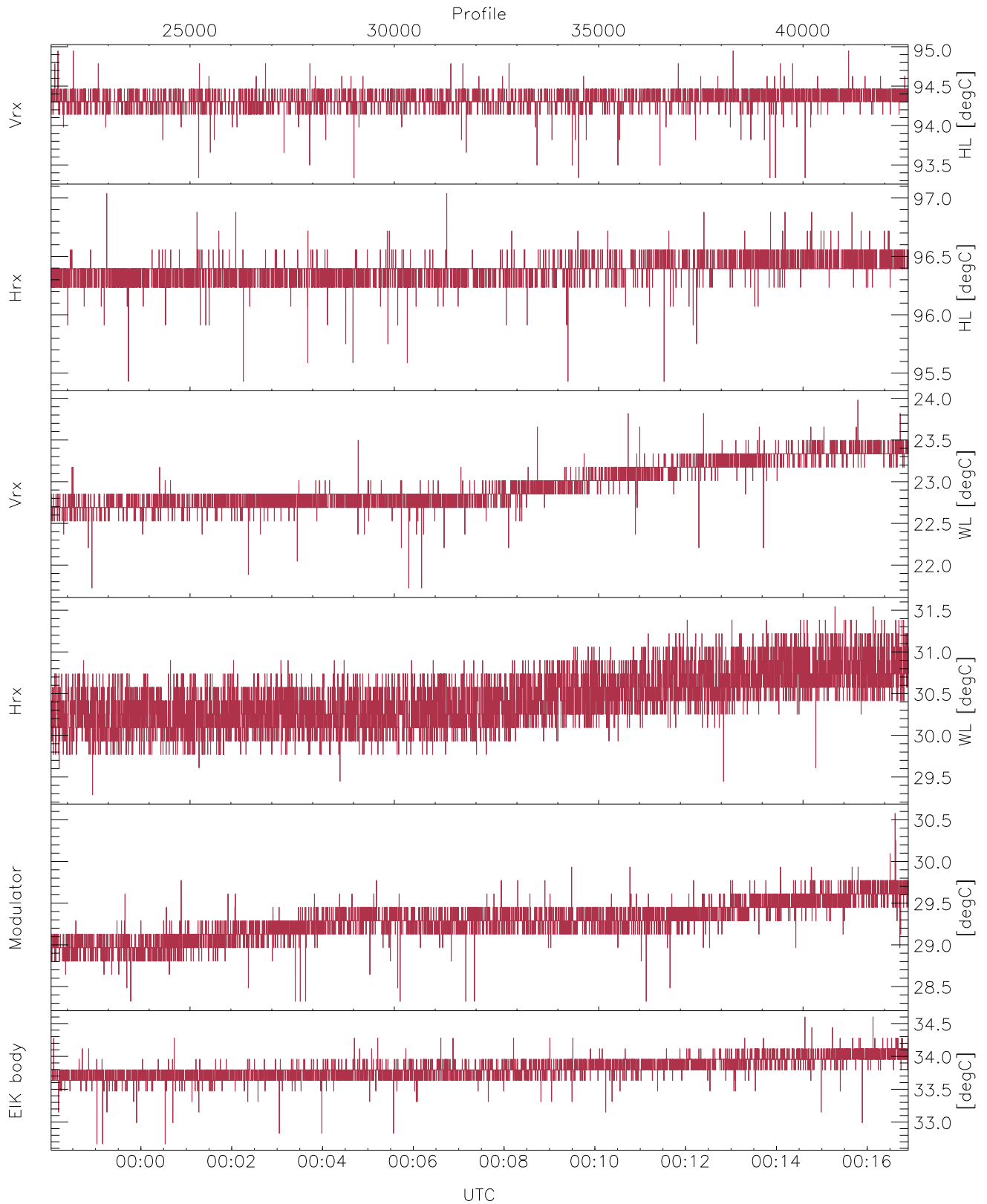


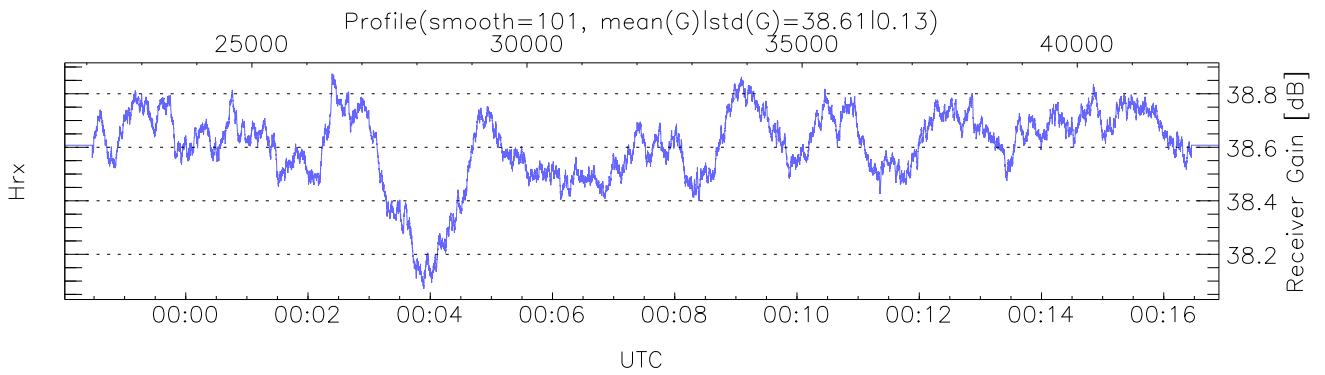
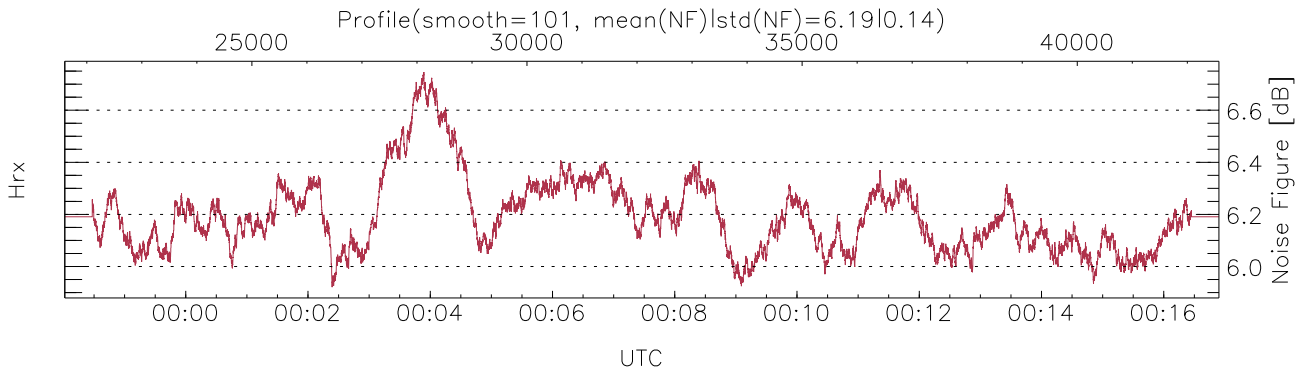
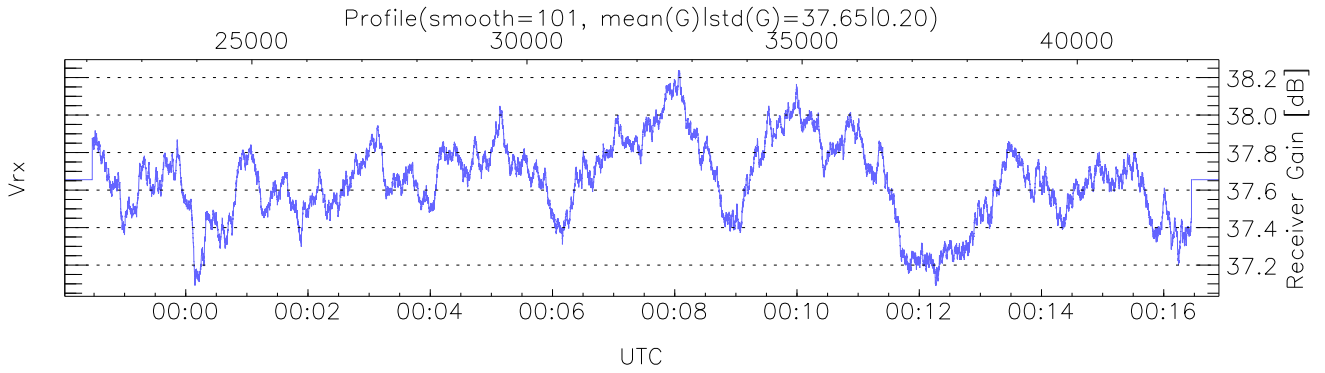
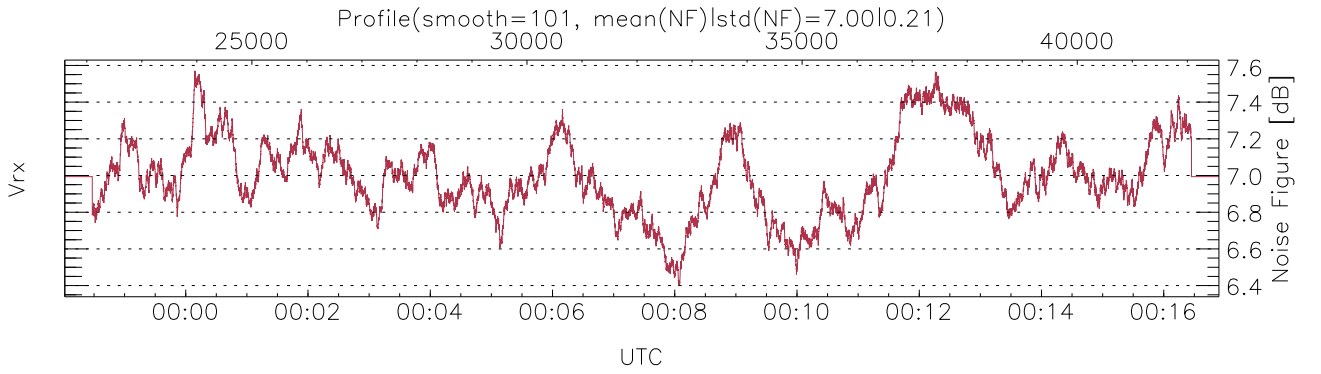
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:38:35-00:16:54, Dur: 2299.63s  
 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): 20976/42576, 21600-42575/23:58:01-00:16:54  
 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,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



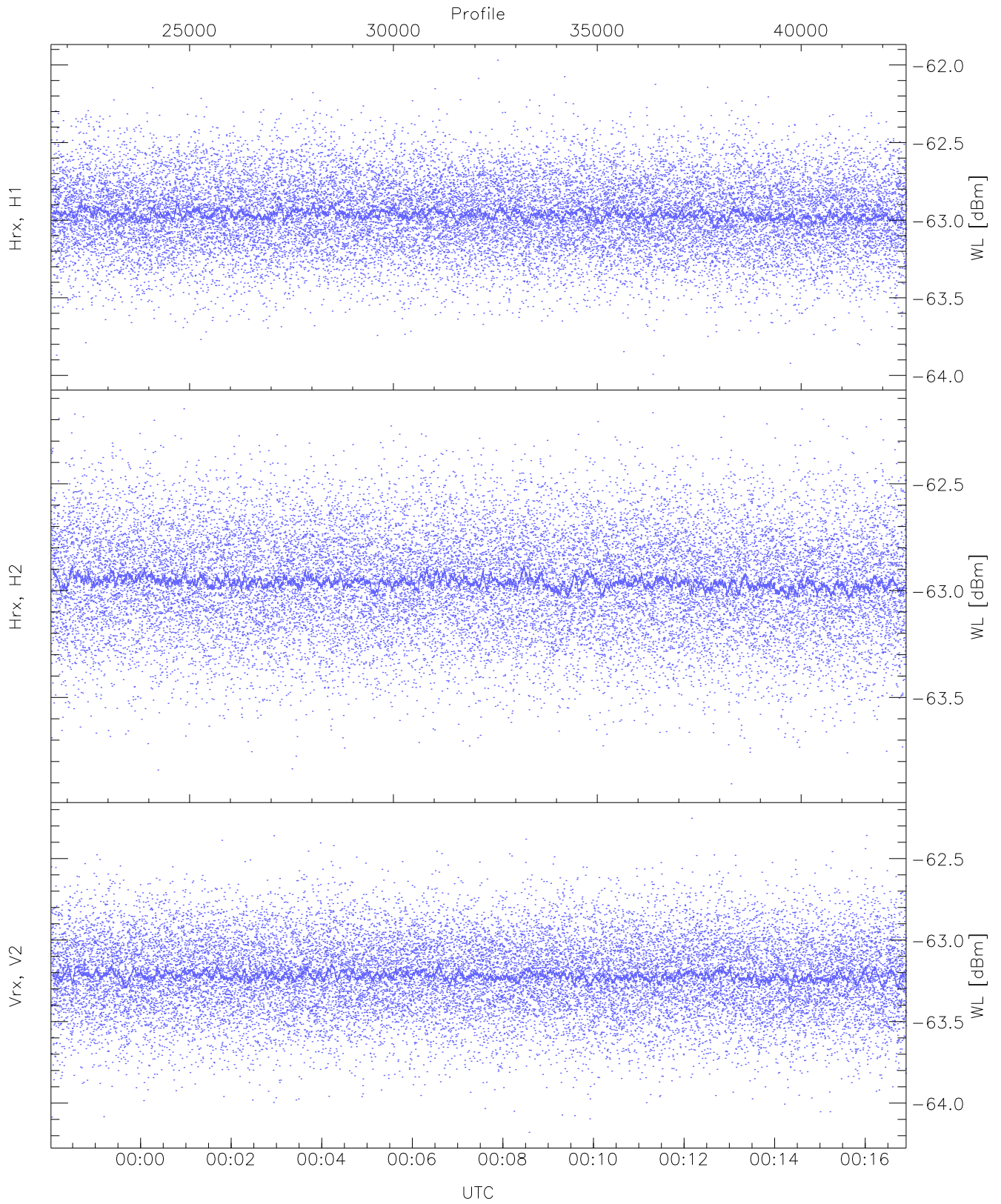
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,28,32  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,97,23,31,30,34  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,ColIT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



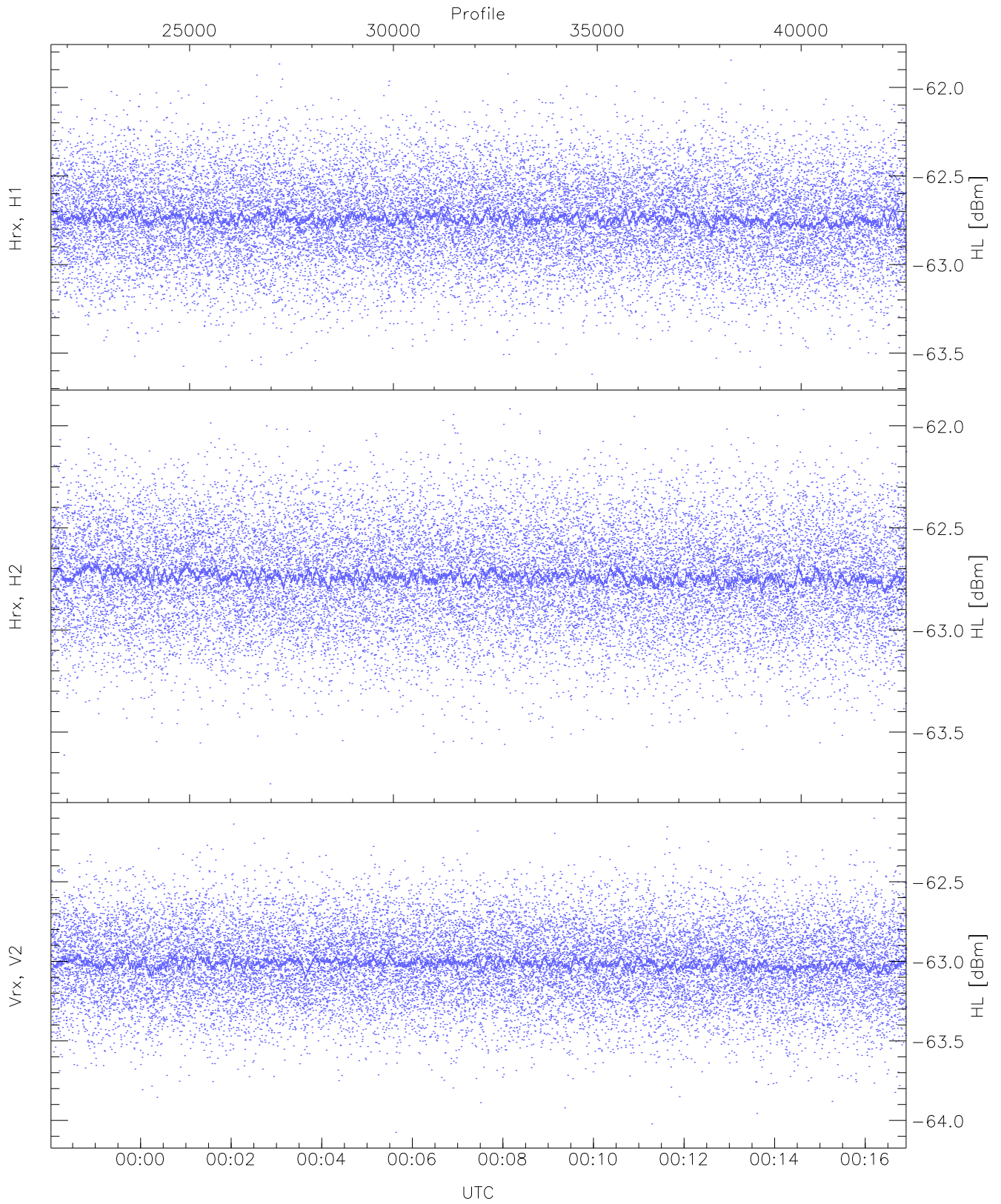
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 554 pixs, 37 gates, 549 profs, 2 prods



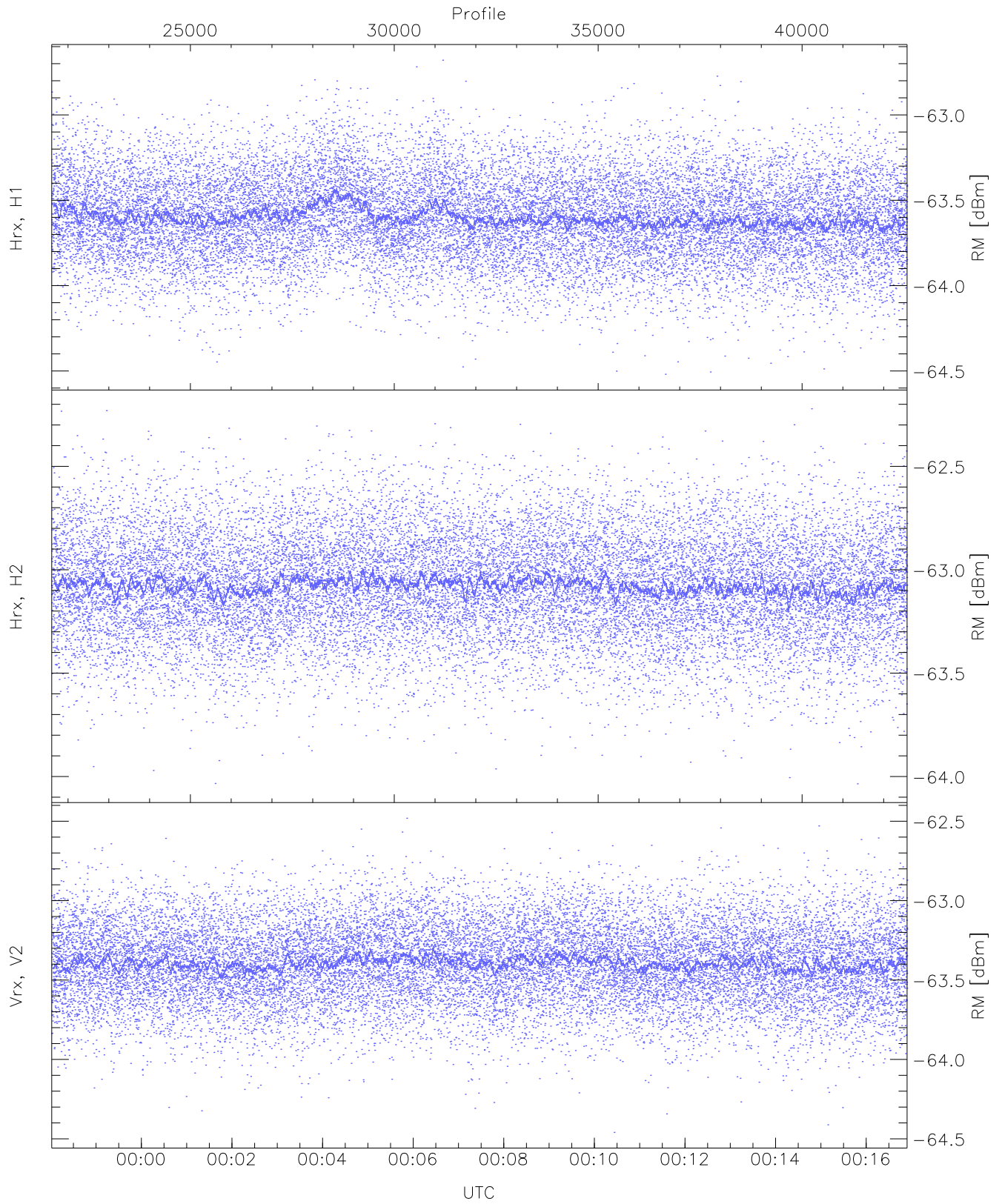
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.99	-61.97	-62.96	-62.97	-75.66
Hrx, H2(WL [dBm])	-63.90	-62.15	-62.96	-62.96	-75.65
Vrx, V2(WL [dBm])	-64.18	-62.25	-63.22	-63.22	-75.90



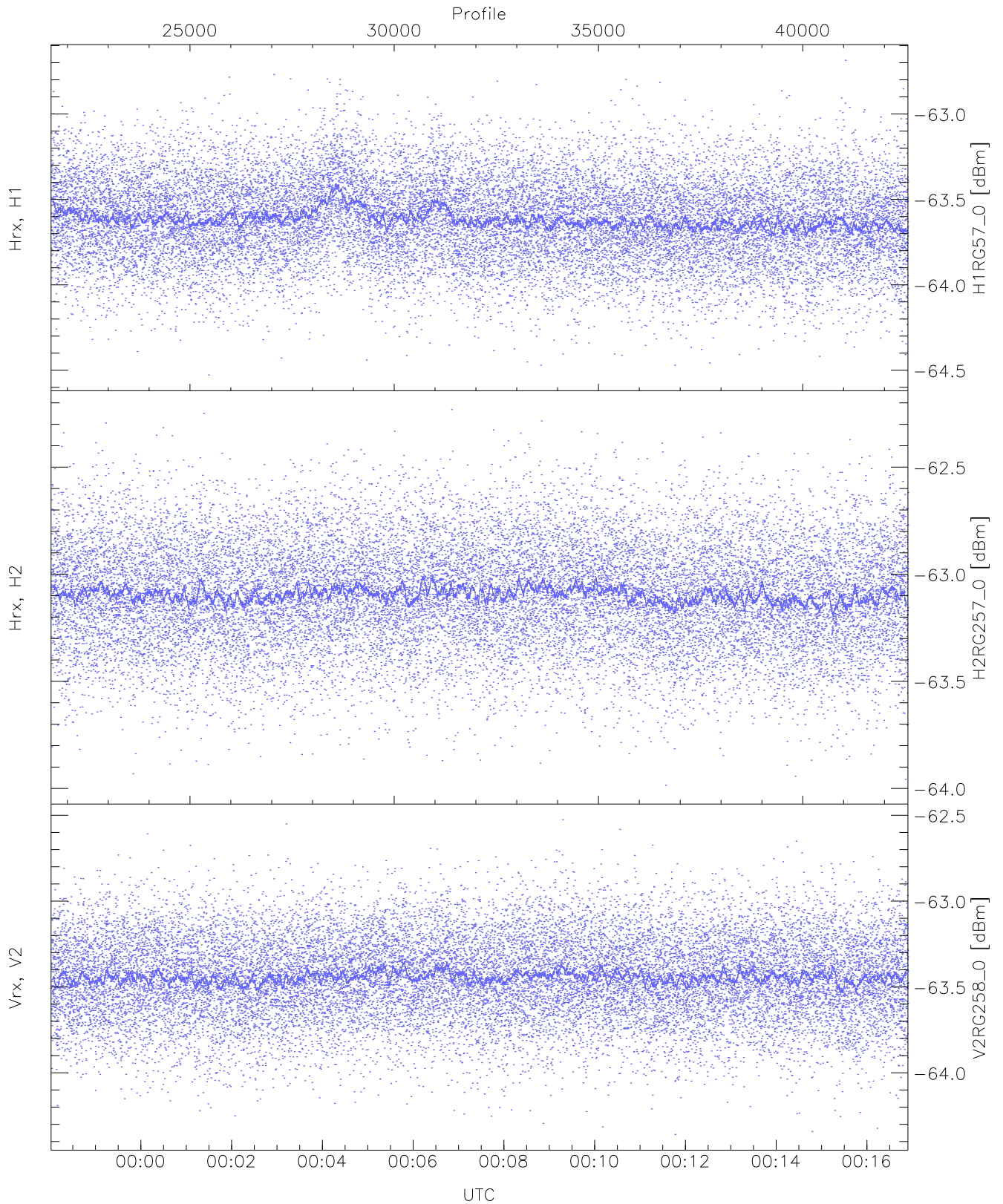
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-63.62	-61.85	-62.74	-62.74	-75.47
Hrx, H2(HL [dBm])	-63.75	-61.92	-62.74	-62.74	-75.45
Vrx, V2(HL [dBm])	-64.08	-62.10	-63.01	-63.02	-75.73



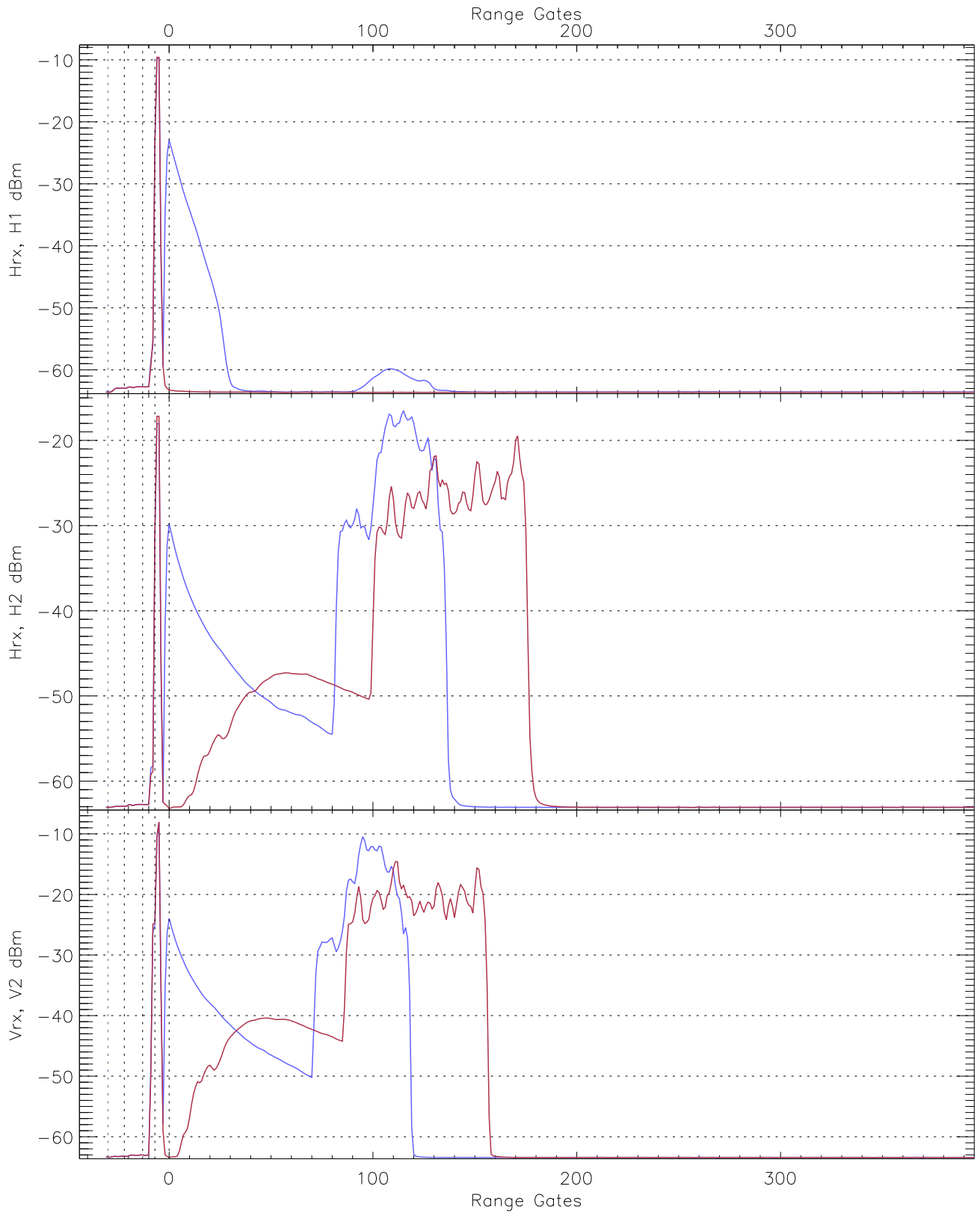
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.52	-62.68	-63.60	-63.61	-76.24
Hrx, H2 (RM [dBm])	-64.04	-62.22	-63.07	-63.08	-75.73
Vrx, V2 (RM [dBm])	-64.46	-62.48	-63.39	-63.40	-76.06



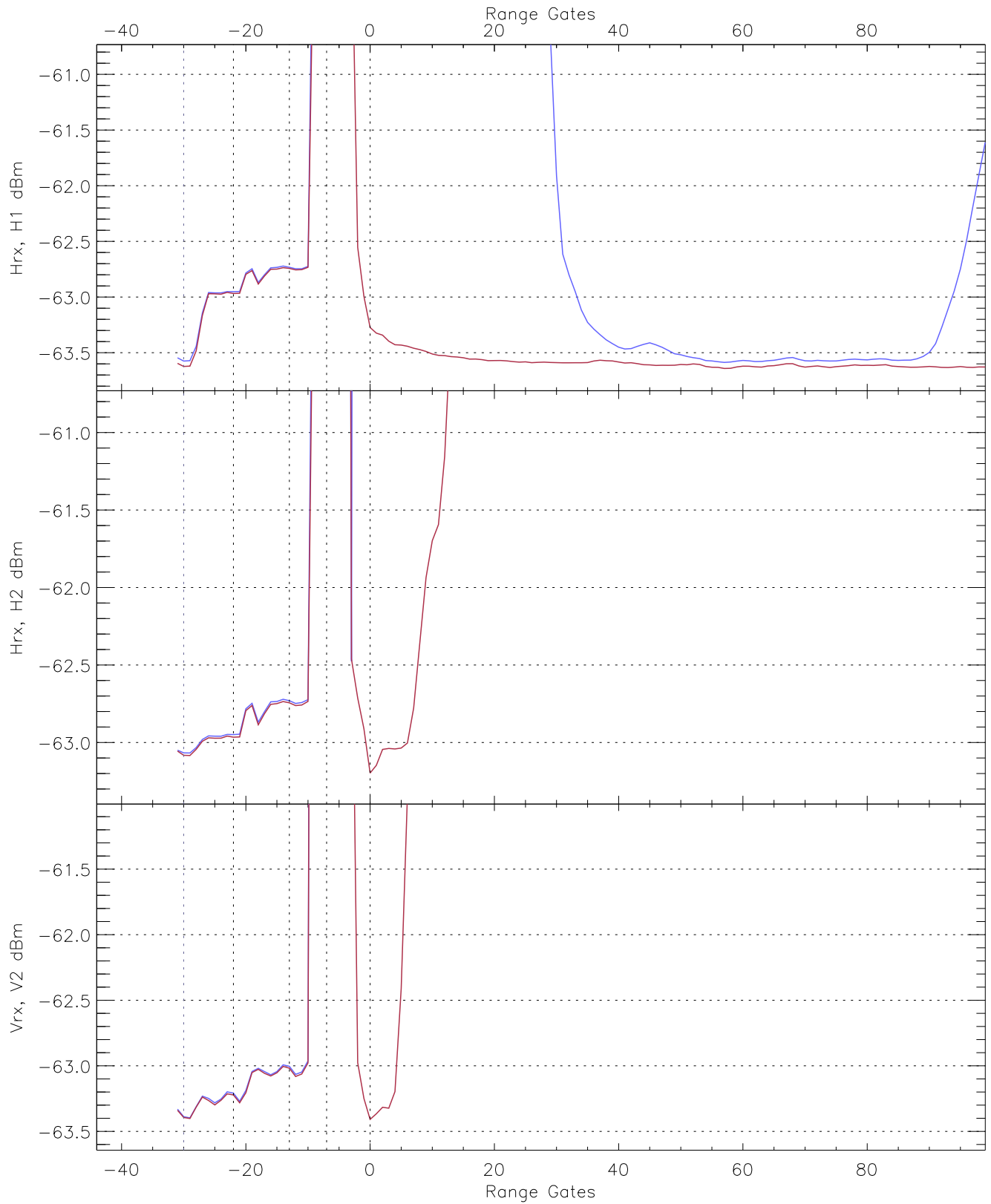
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG57_0 [dBm]	-64.53	-62.69	-63.61	-63.62	-76.25
H2RG257_0 [dBm]	-63.98	-62.23	-63.09	-63.10	-75.77
V2RG258_0 [dBm]	-64.36	-62.53	-63.44	-63.45	-76.13

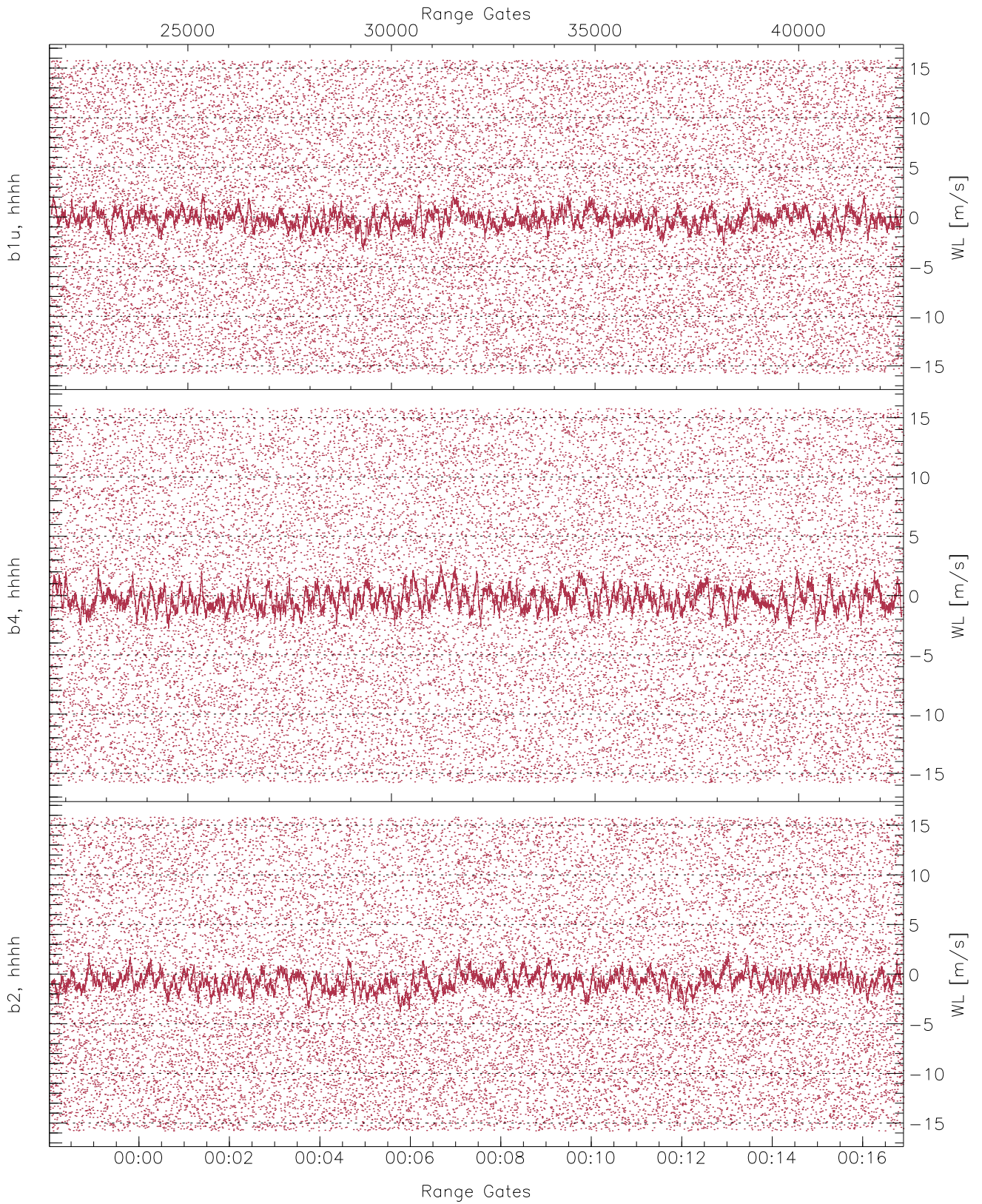


WCR2 CPP Averaged Received power for all recorded gates  
blue: 235801-240728, 10489 profiles averaged  
red: 240728-001654, 10488 profiles averaged

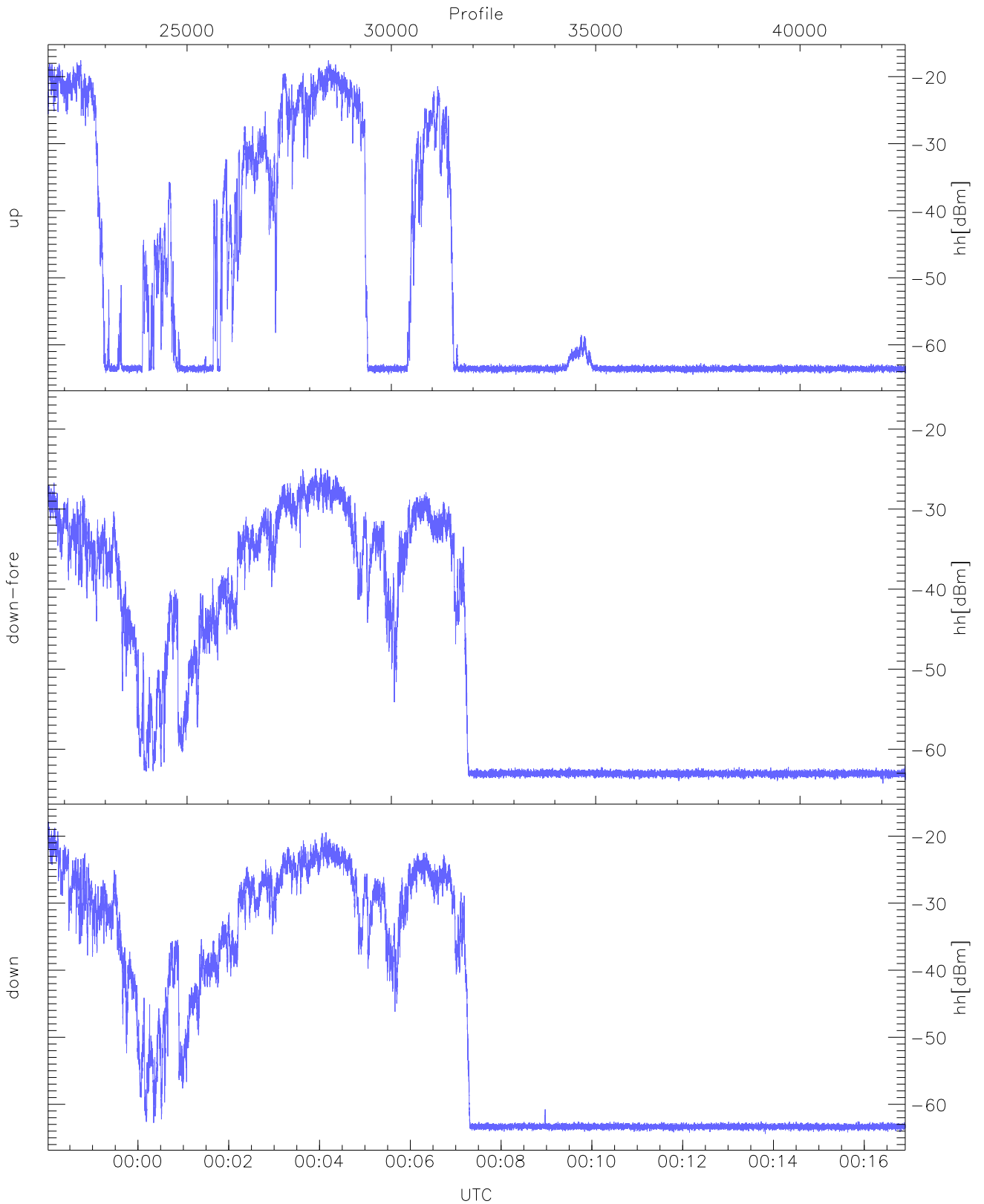




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 235801-240728, 10489 profiles averaged  
red: 240728-001654, 10488 profiles averaged

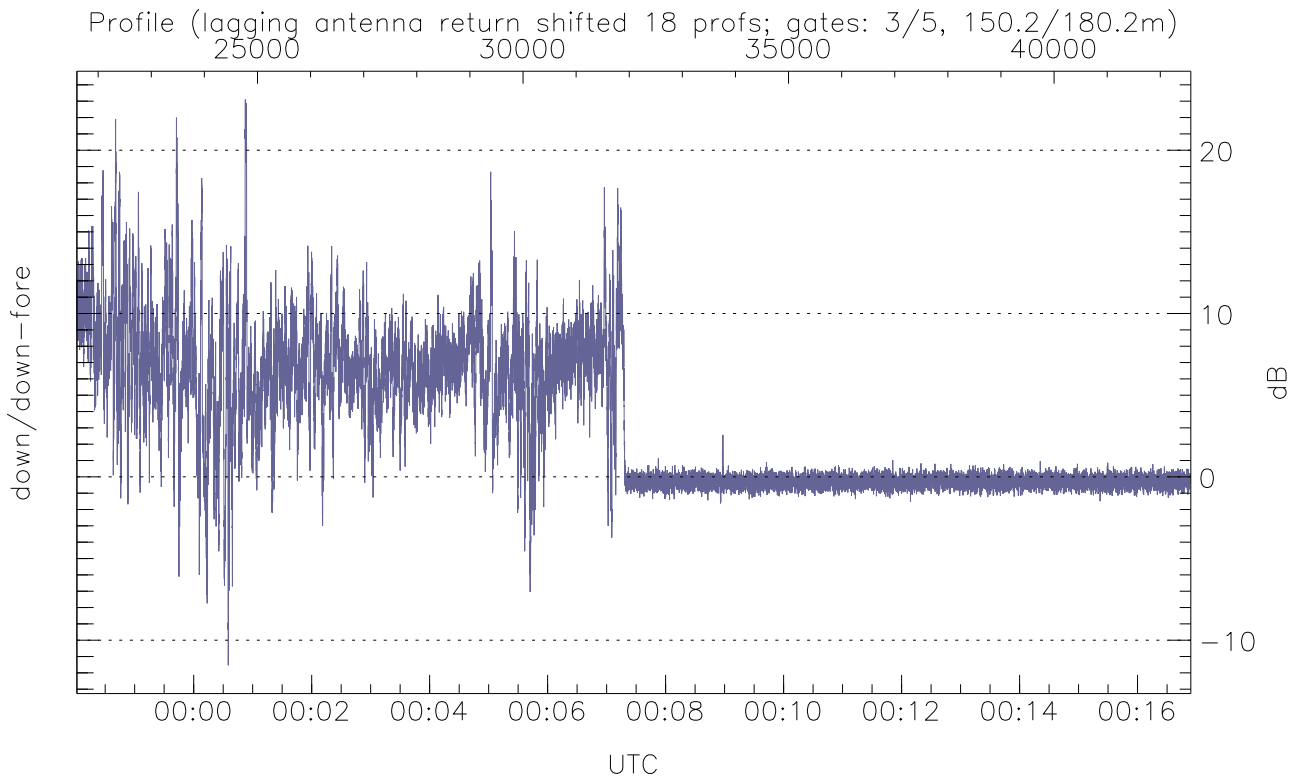
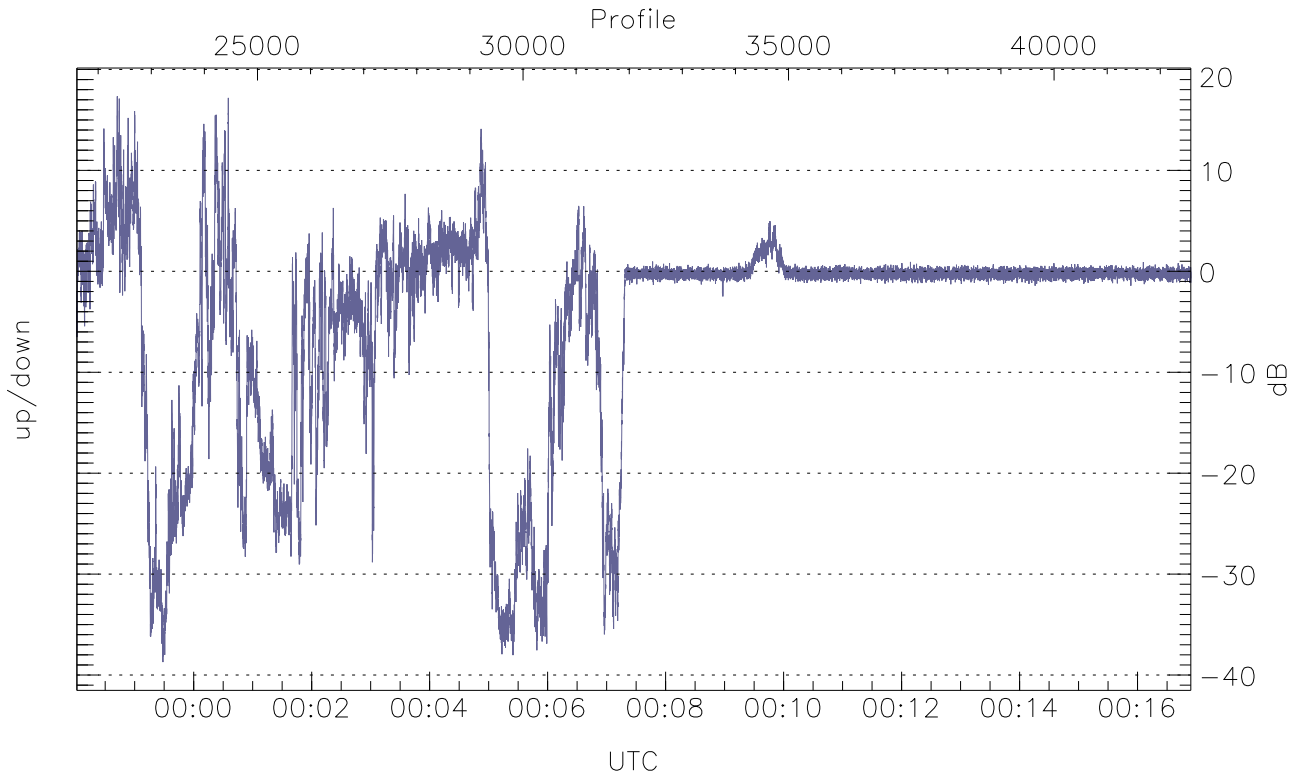


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



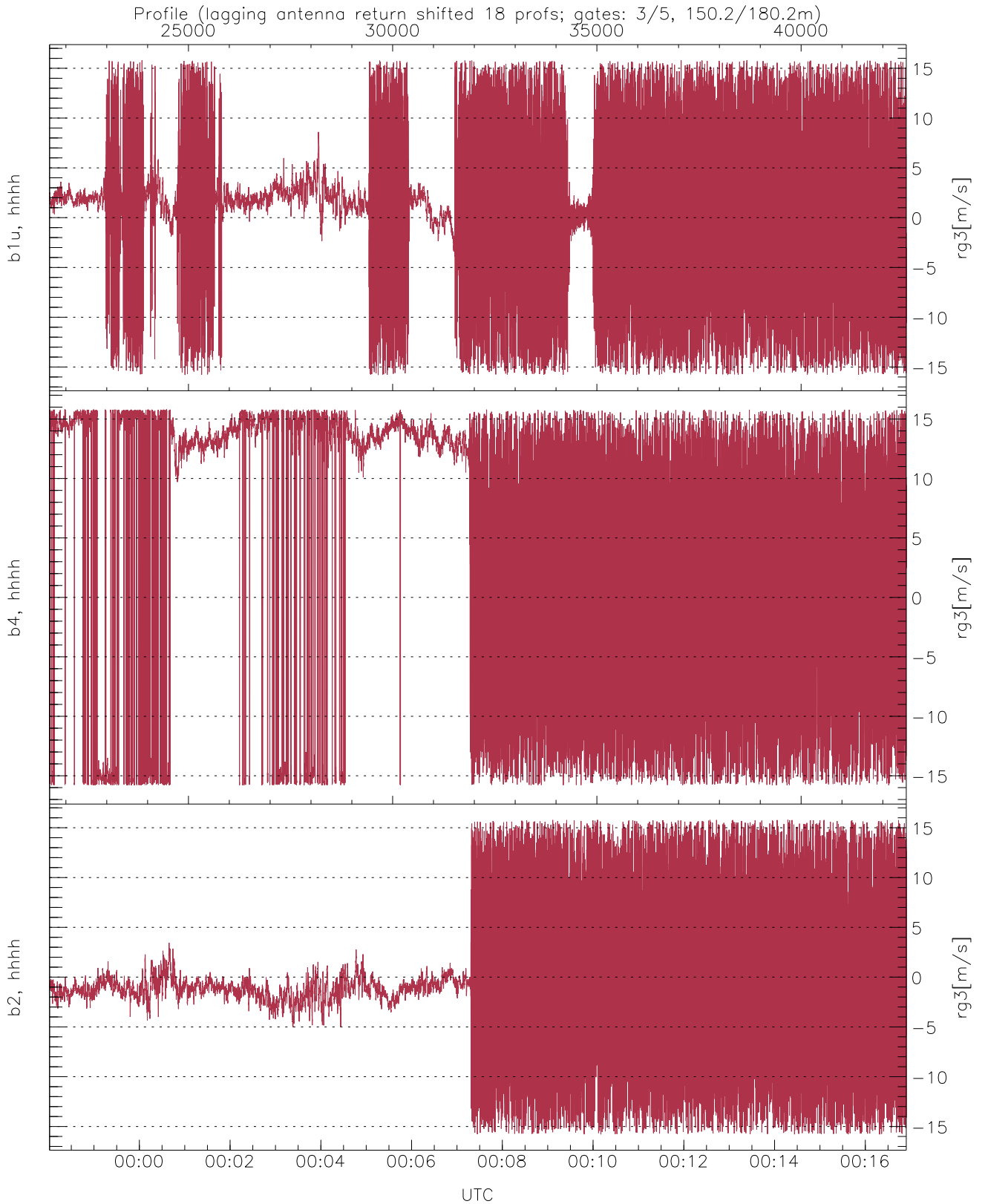
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.50	-17.56	-29.53
down-fore(hh[dBm])	-64.27	-24.90	-35.89
down(hh[dBm])	-64.40	-17.86	-30.47



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-38.71	17.34	-4.63
down/down-fore (dB)	-11.54	23.10	3.19



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.50	7.05
b4, hhhh(rg3[m/s])	-15.80	15.80	4.20	11.12
b2, hhhh(rg3[m/s])	-15.79	15.79	-0.78	6.48