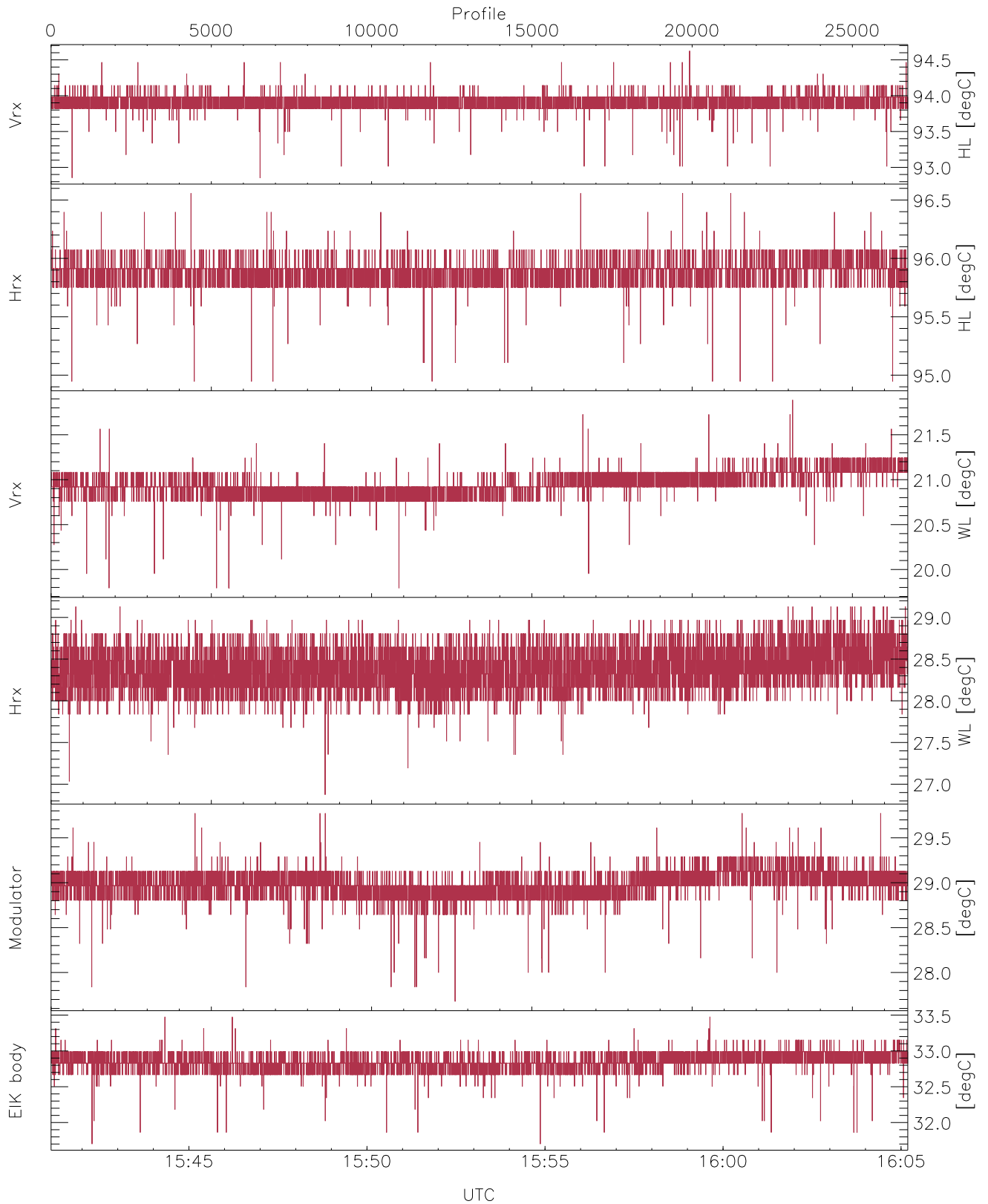


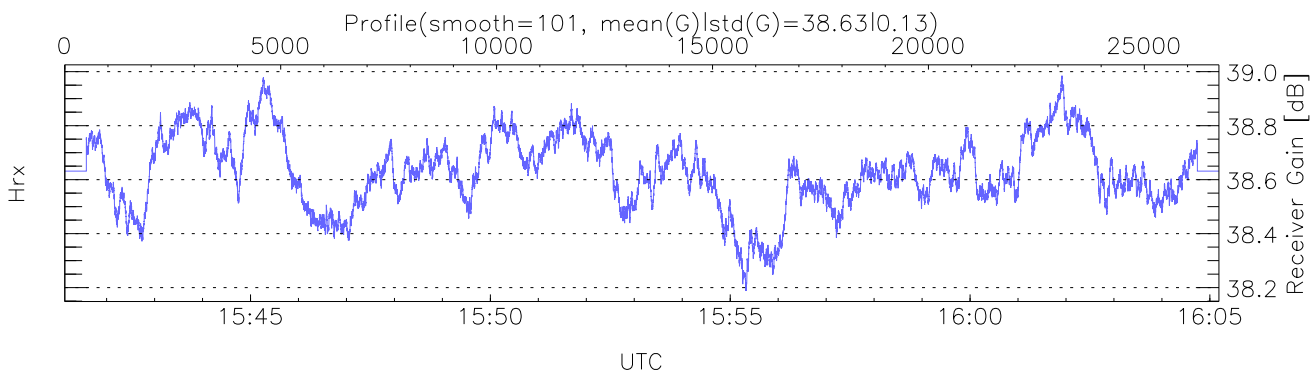
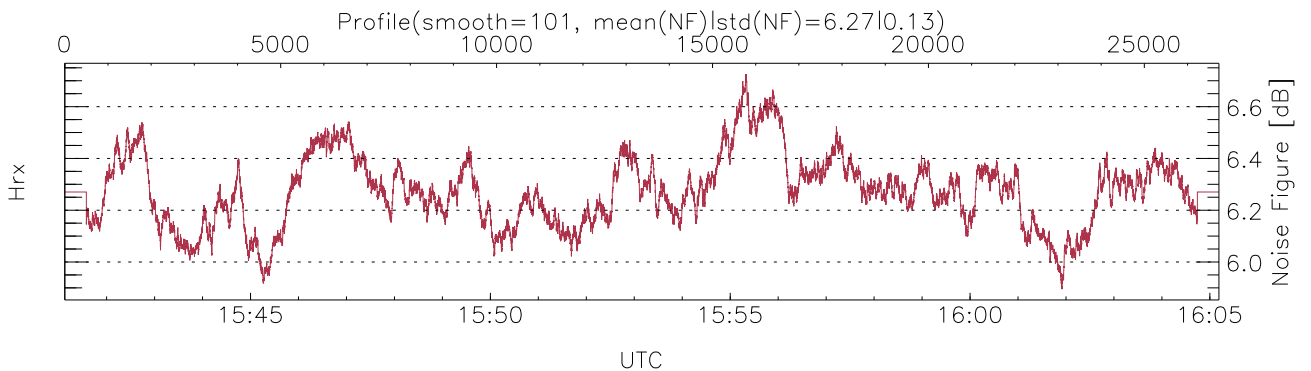
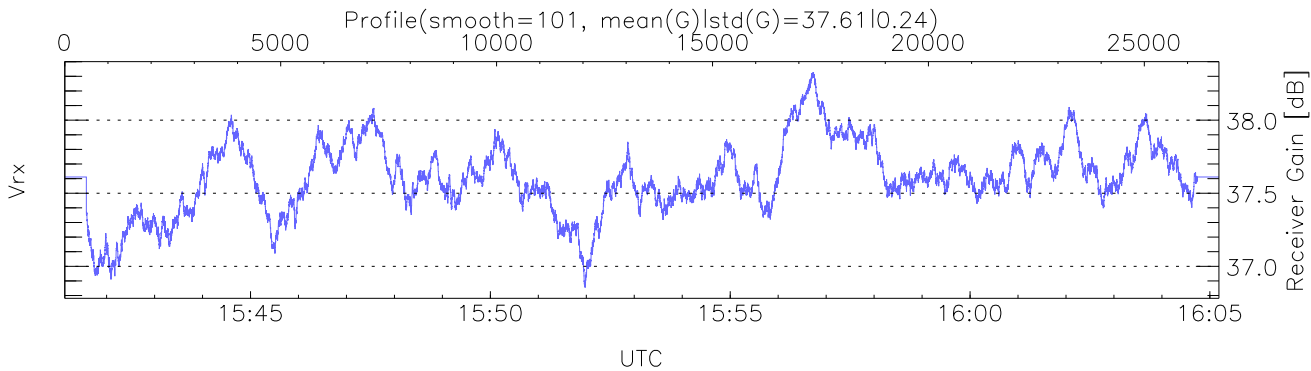
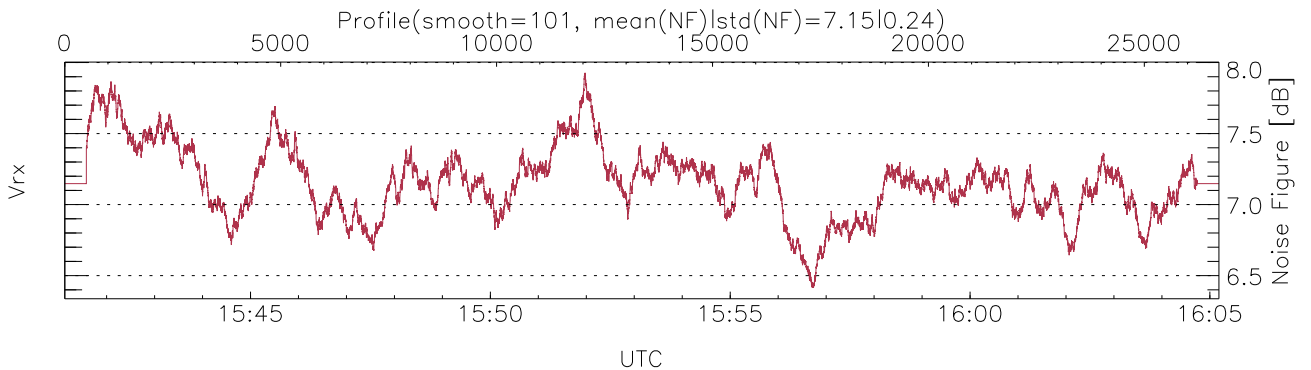
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 15:41:08-16:05:11, Dur: 1443.67s  
 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): 26729/26729, 0-26728/15:41:08-16:05:11  
 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



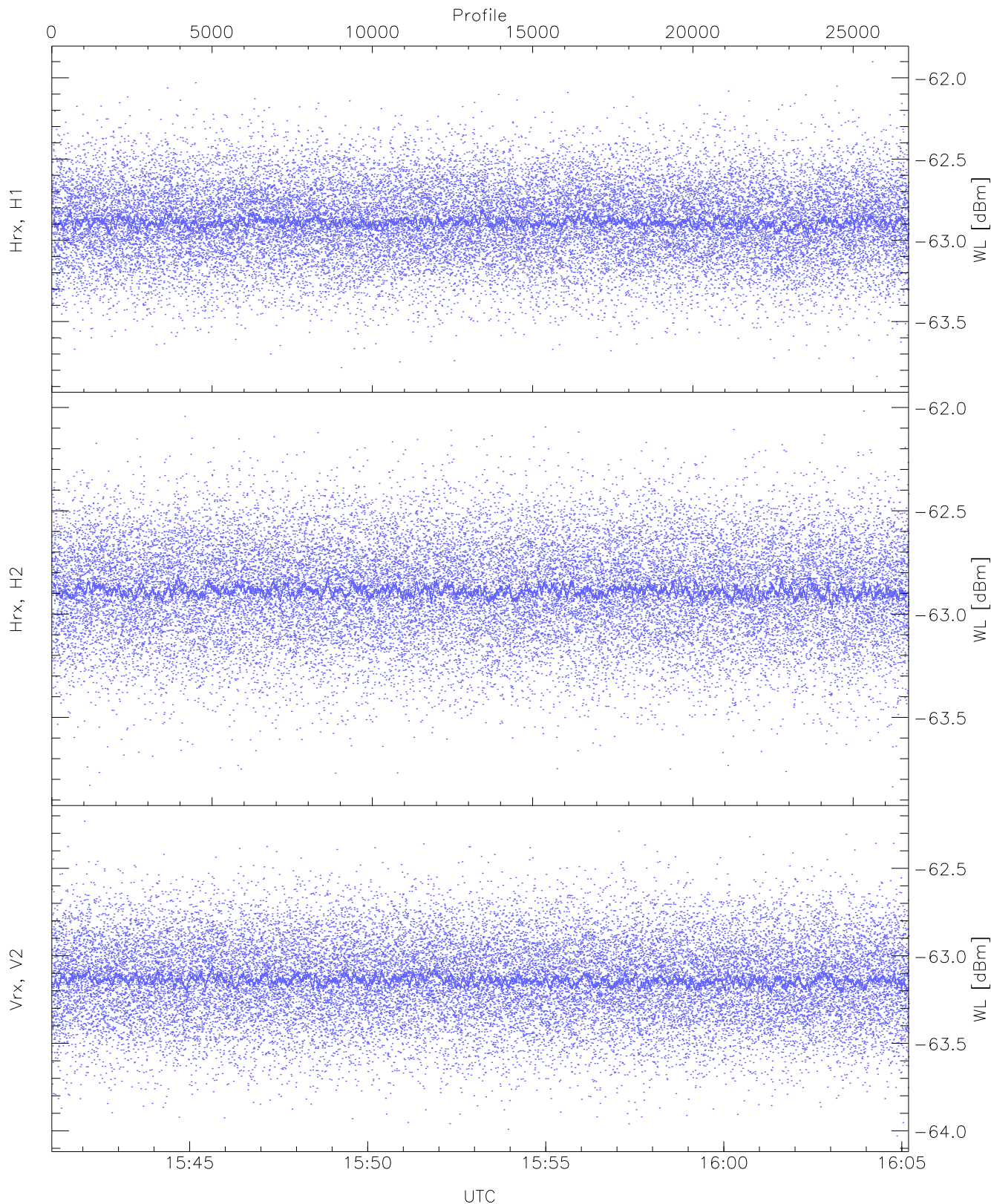
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,27,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,20,20,15,10)



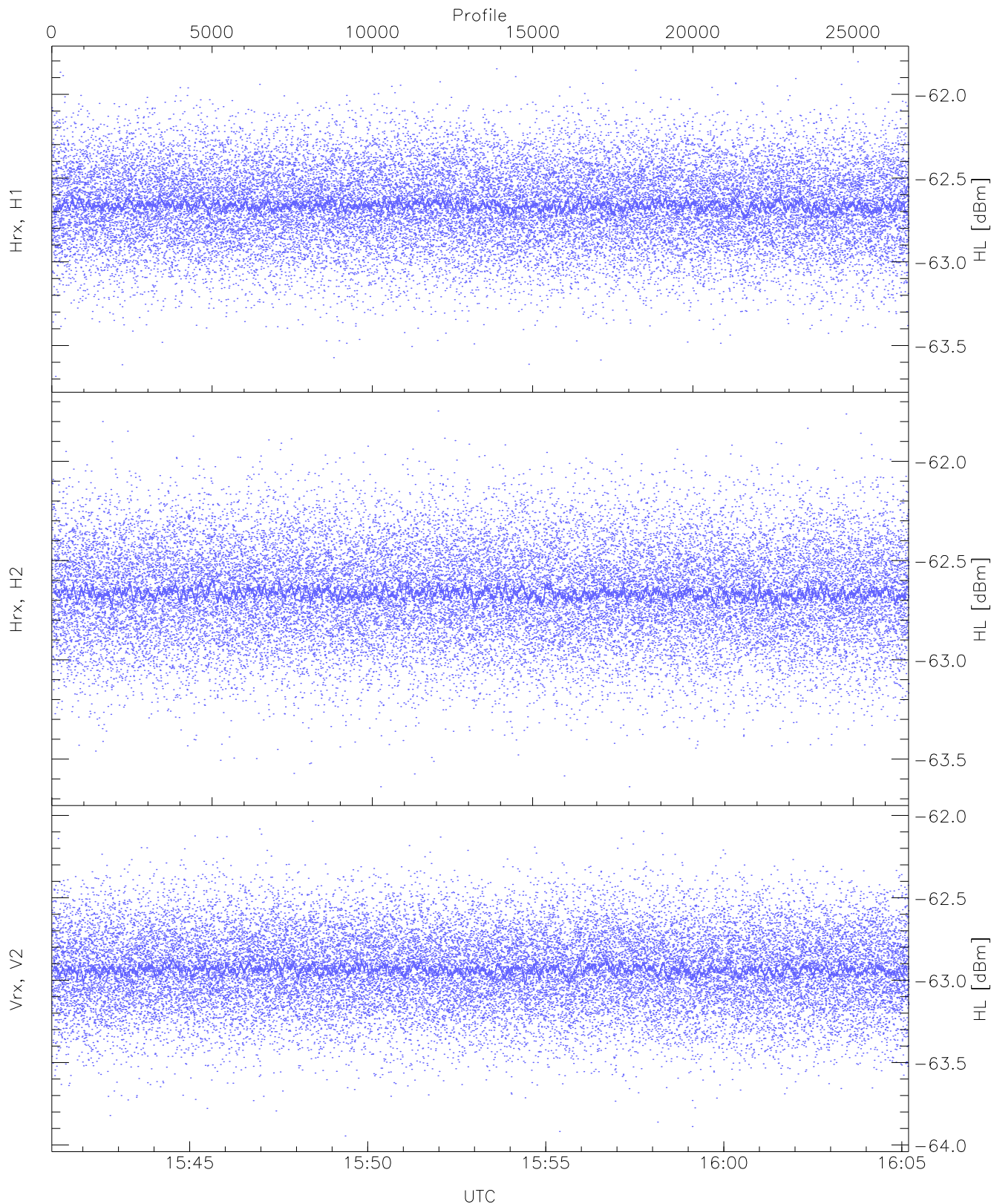
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1674 pixs, 65 gates, 1647 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

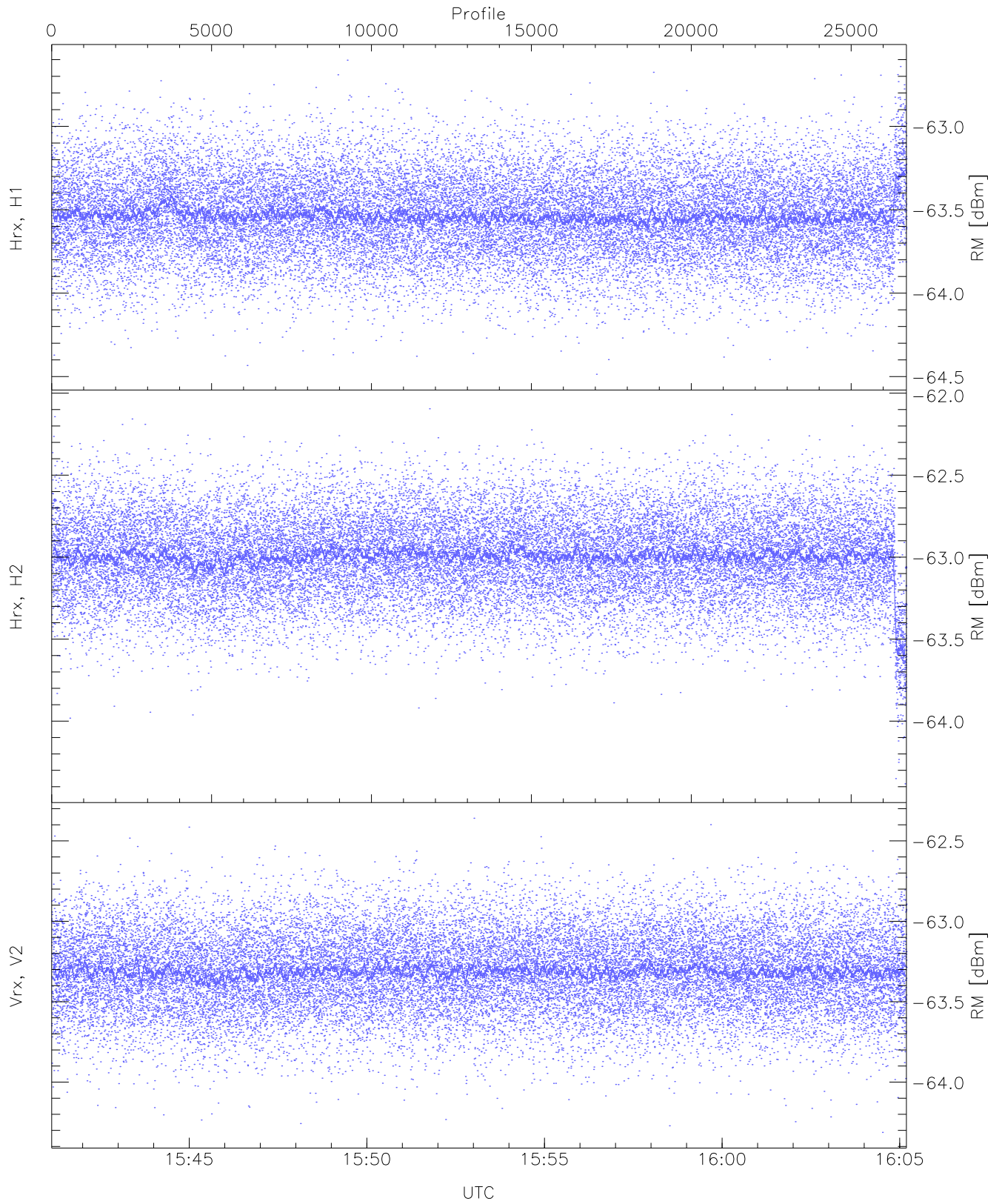
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.84	-61.90	-62.89	-62.89	-75.61
Hrx, H2 (WL [dBm])	-63.84	-62.02	-62.88	-62.89	-75.67
Vrx, V2 (WL [dBm])	-64.03	-62.23	-63.14	-63.14	-75.87



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

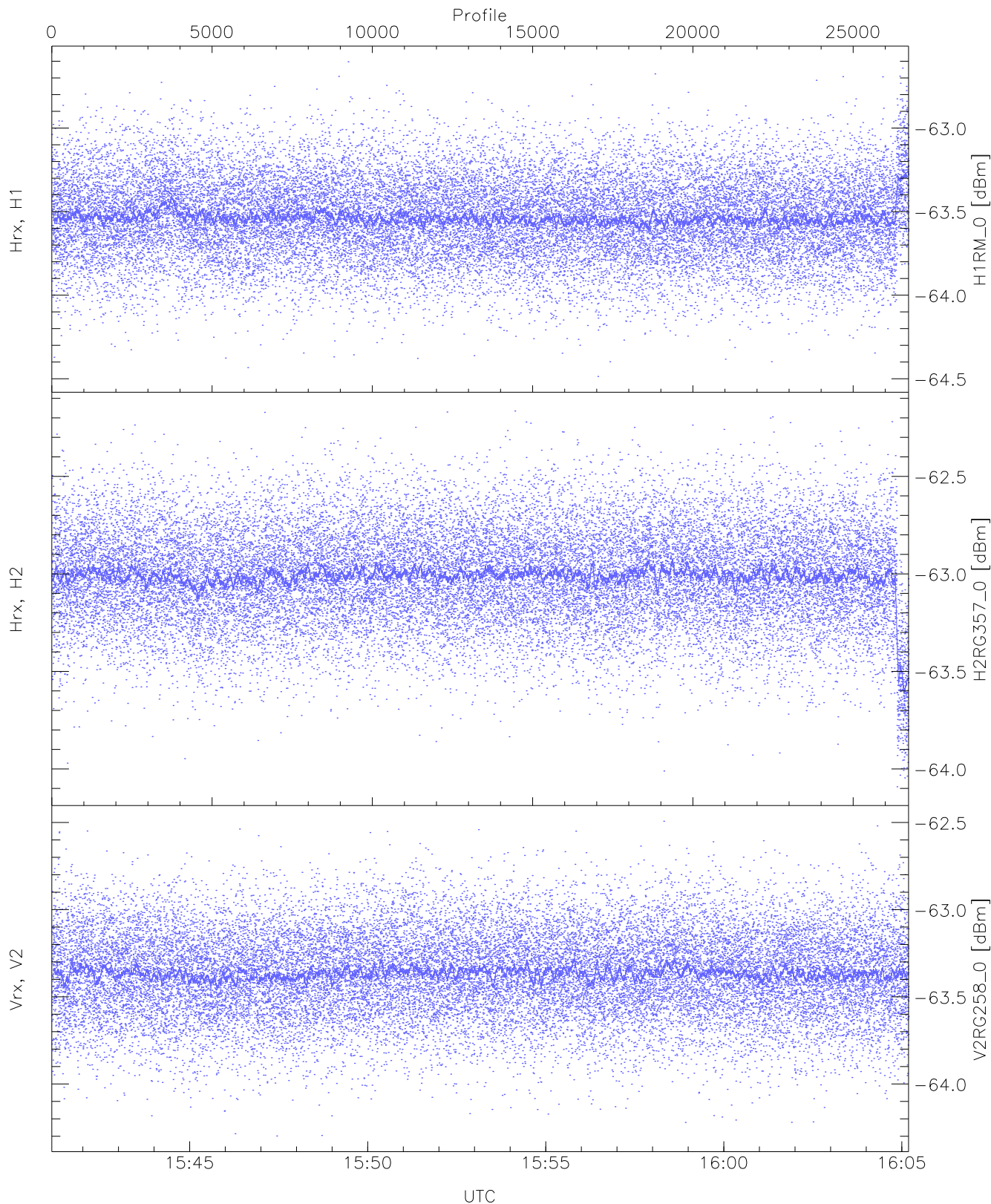
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.68	-61.81	-62.66	-62.66	-75.41
Hrx, H2 (HL [dBm])	-63.64	-61.75	-62.66	-62.67	-75.35
Vrx, V2 (HL [dBm])	-63.95	-62.04	-62.93	-62.94	-75.67





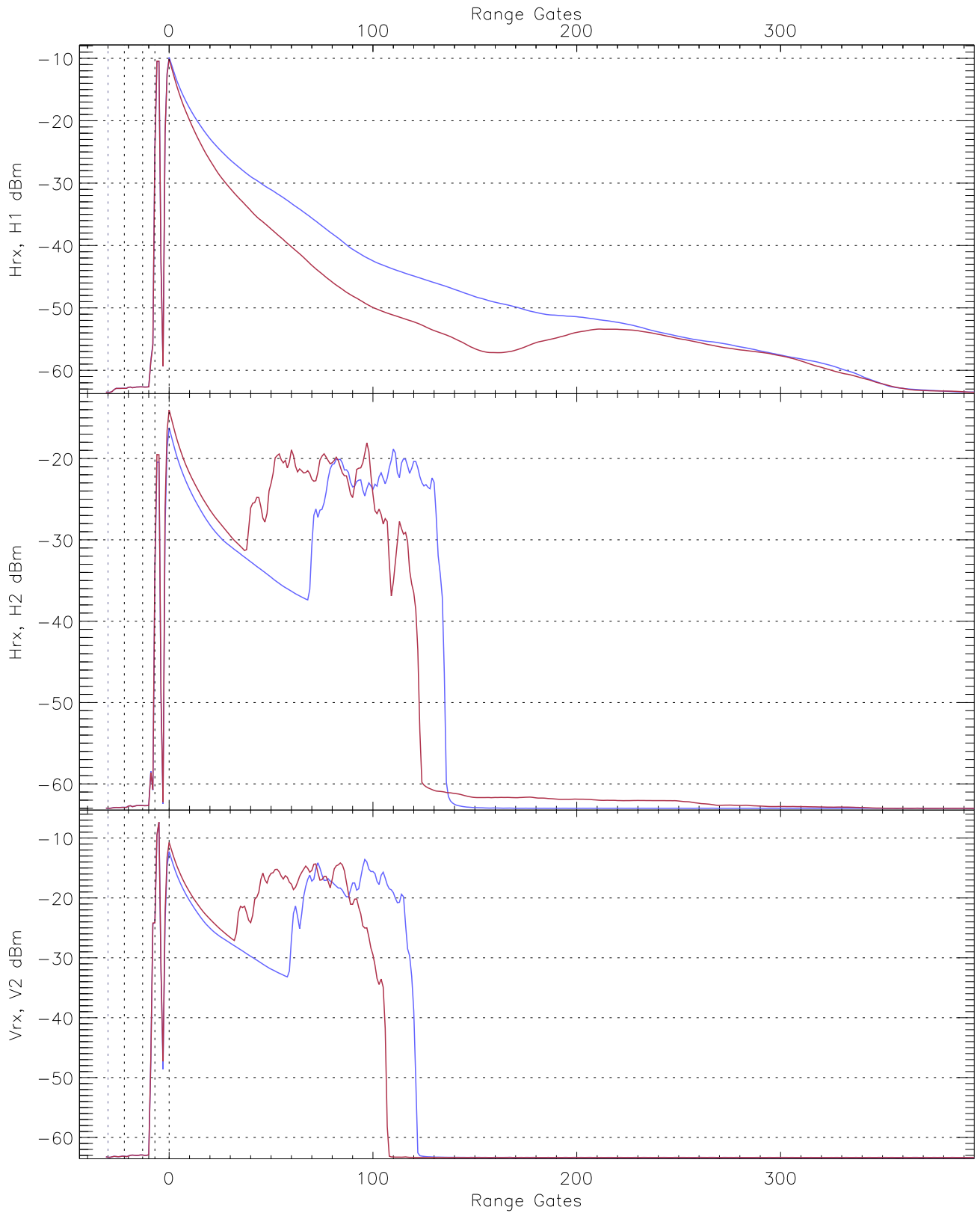
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.49	-62.60	-63.53	-63.54	-76.20
Hrx, H2 (RM [dBm])	-64.38	-62.10	-63.00	-63.00	-75.55
Vrx, V2 (RM [dBm])	-64.31	-62.36	-63.31	-63.32	-76.02



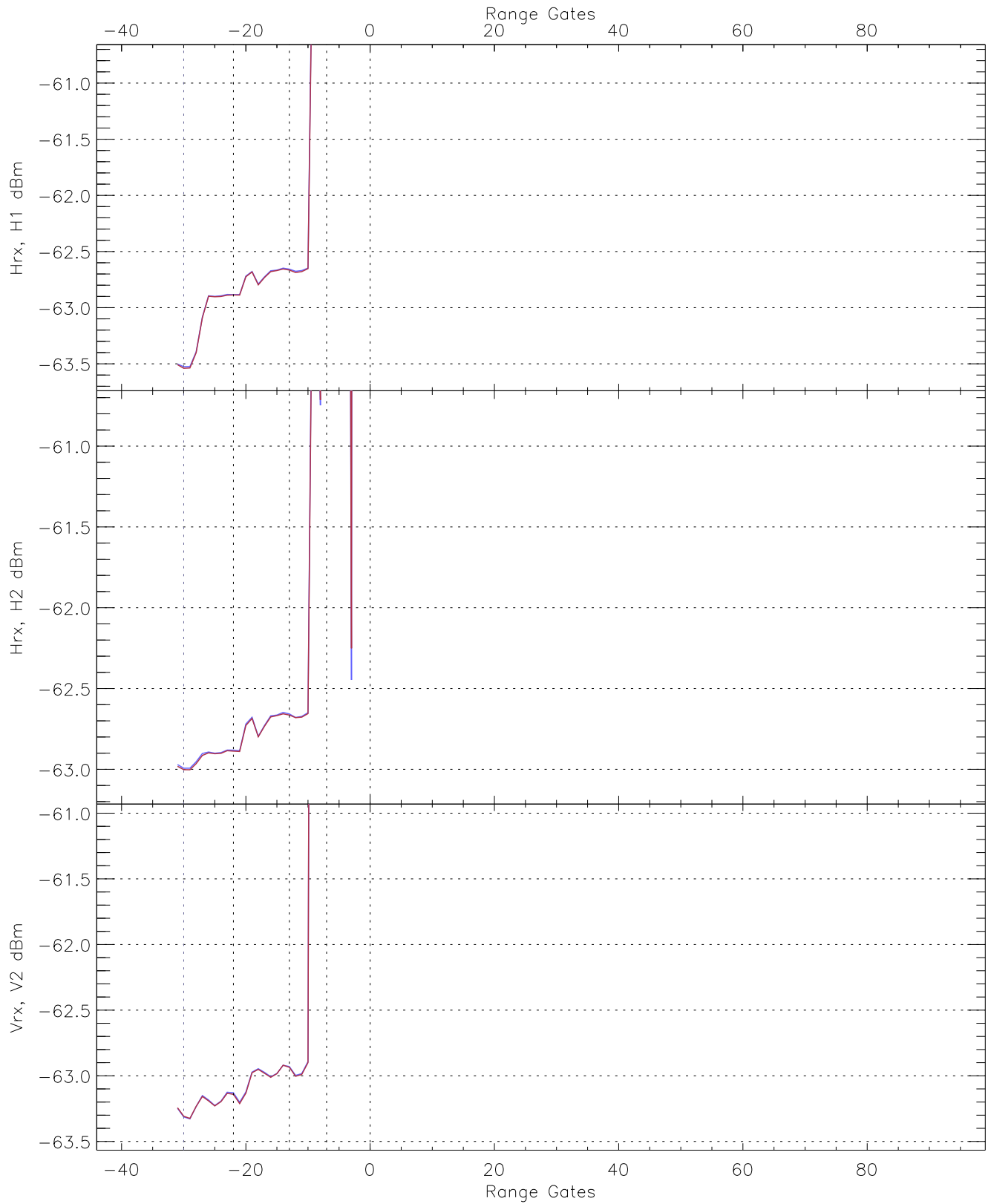
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.49	-62.60	-63.53	-63.54	-76.20
H2RG357_0 [dBm]	-64.09	-62.16	-63.01	-63.01	-75.60
V2RG258_0 [dBm]	-64.30	-62.49	-63.36	-63.37	-76.04

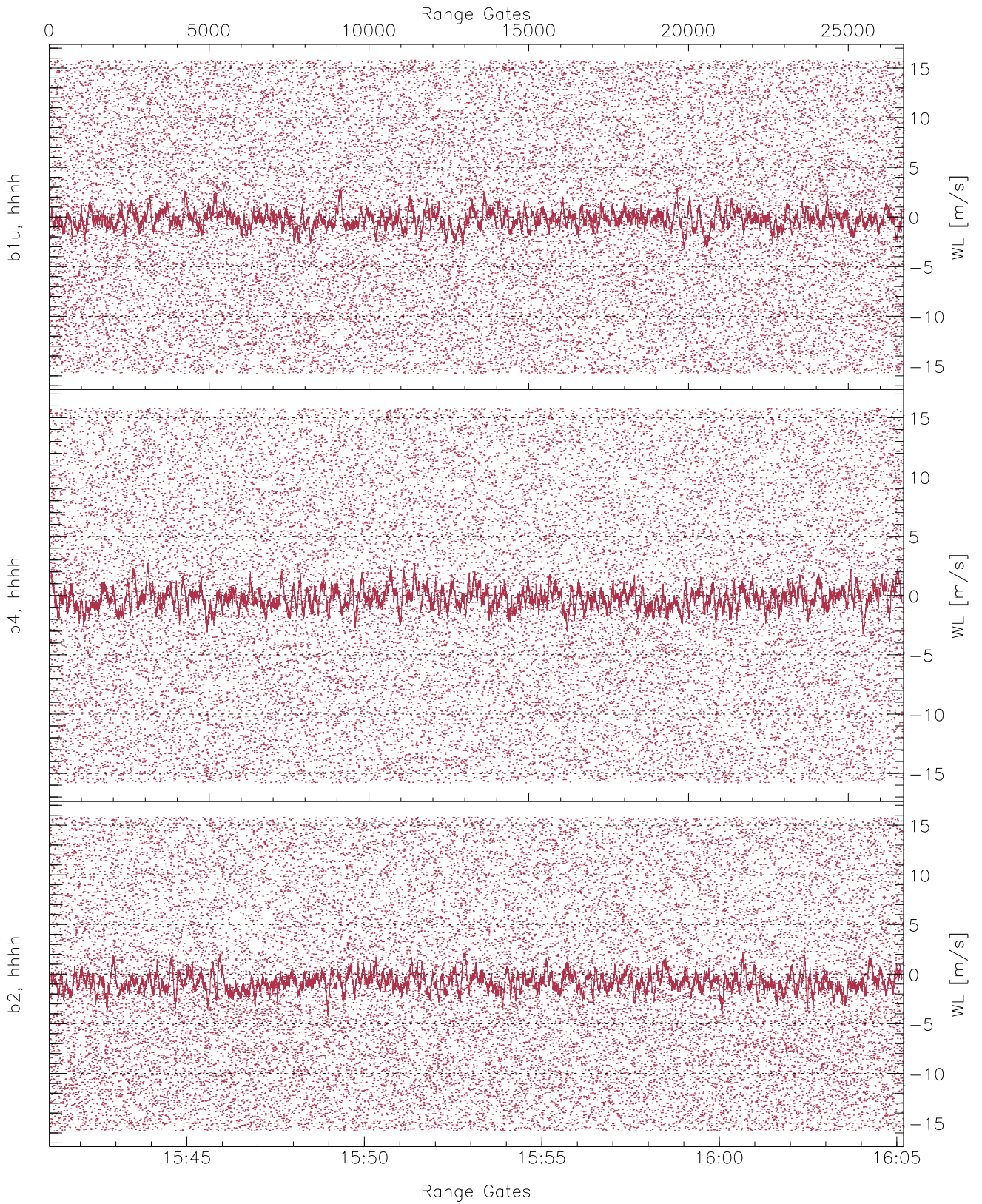


WCR2 CPP Averaged Received power for all recorded gates  
blue: 154108-155310, 13365 profiles averaged  
red: 155310-160511, 13365 profiles averaged

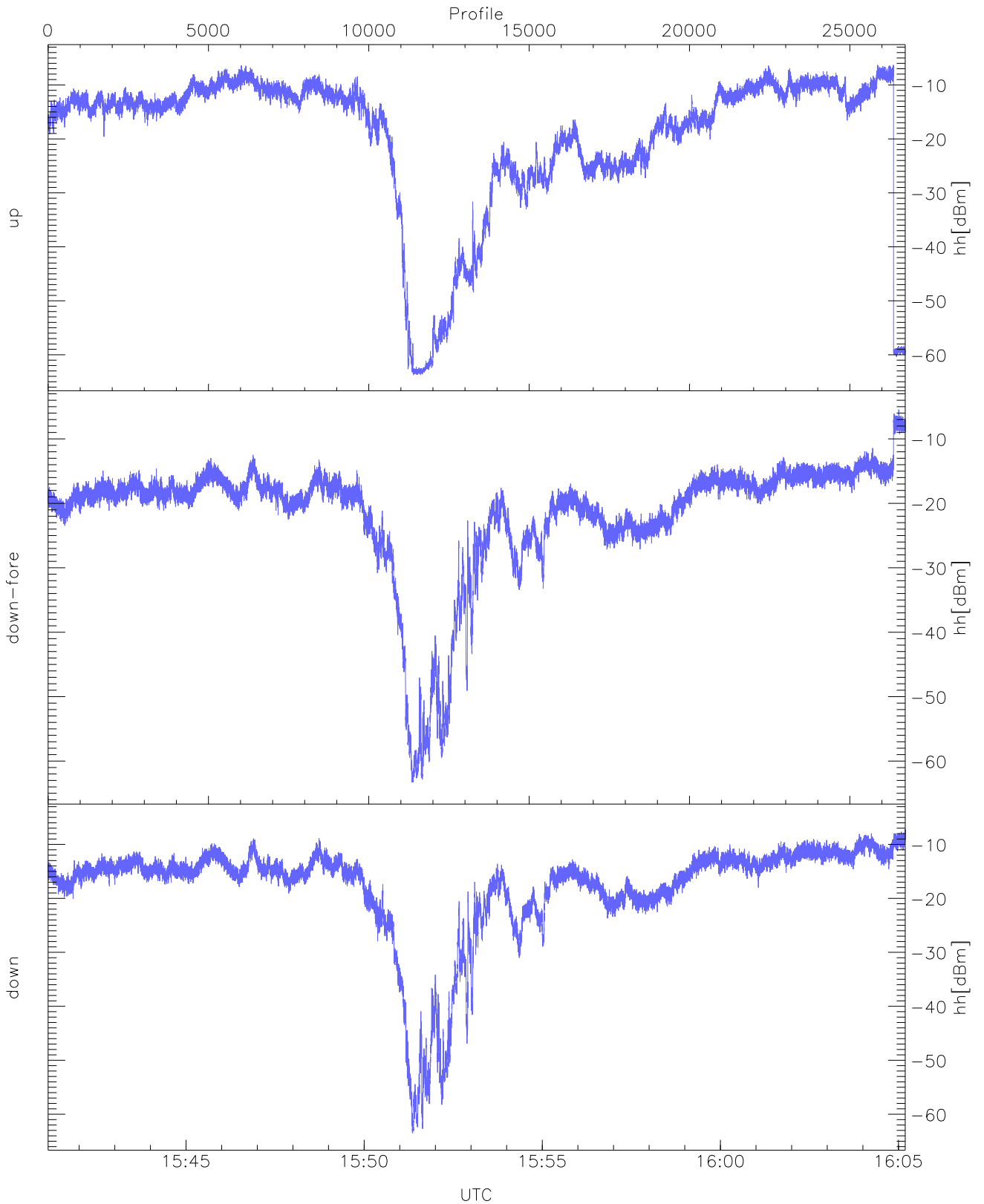




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 154108-155310, 13365 profiles averaged  
red: 155310-160511, 13365 profiles averaged

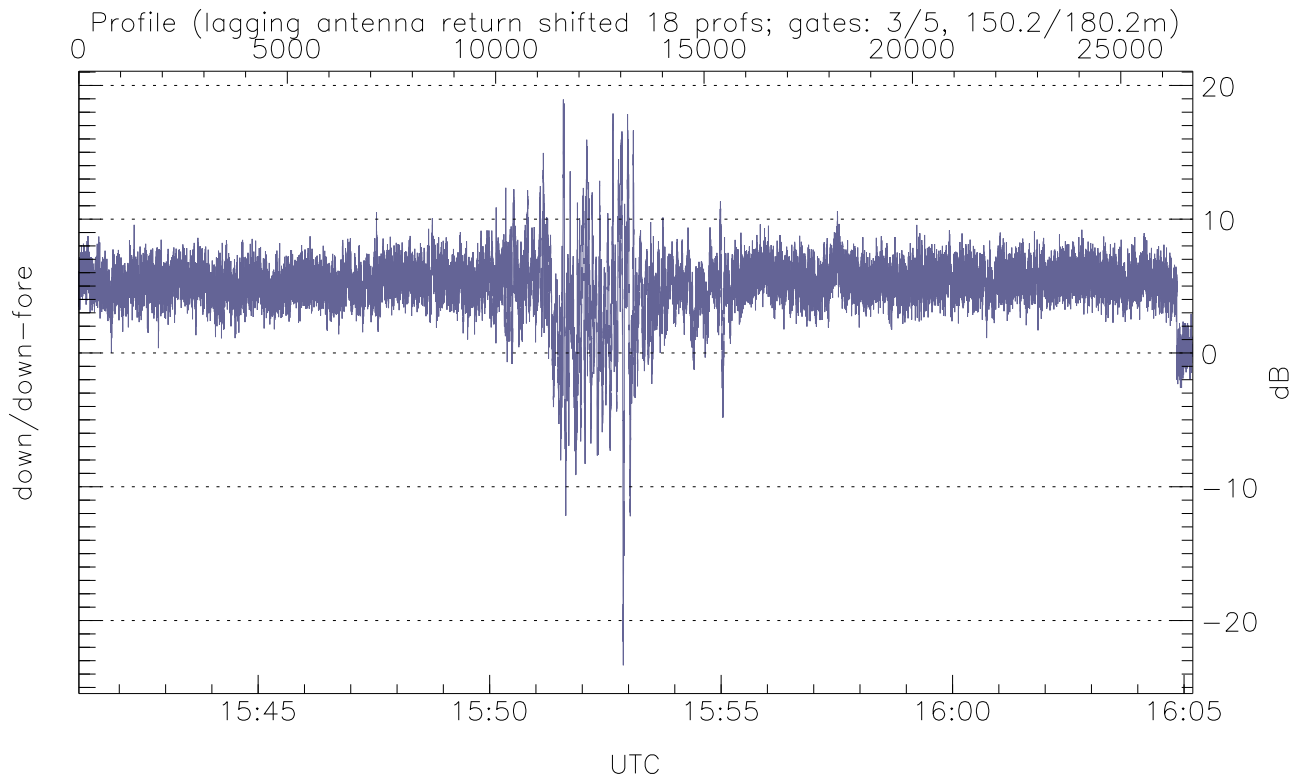
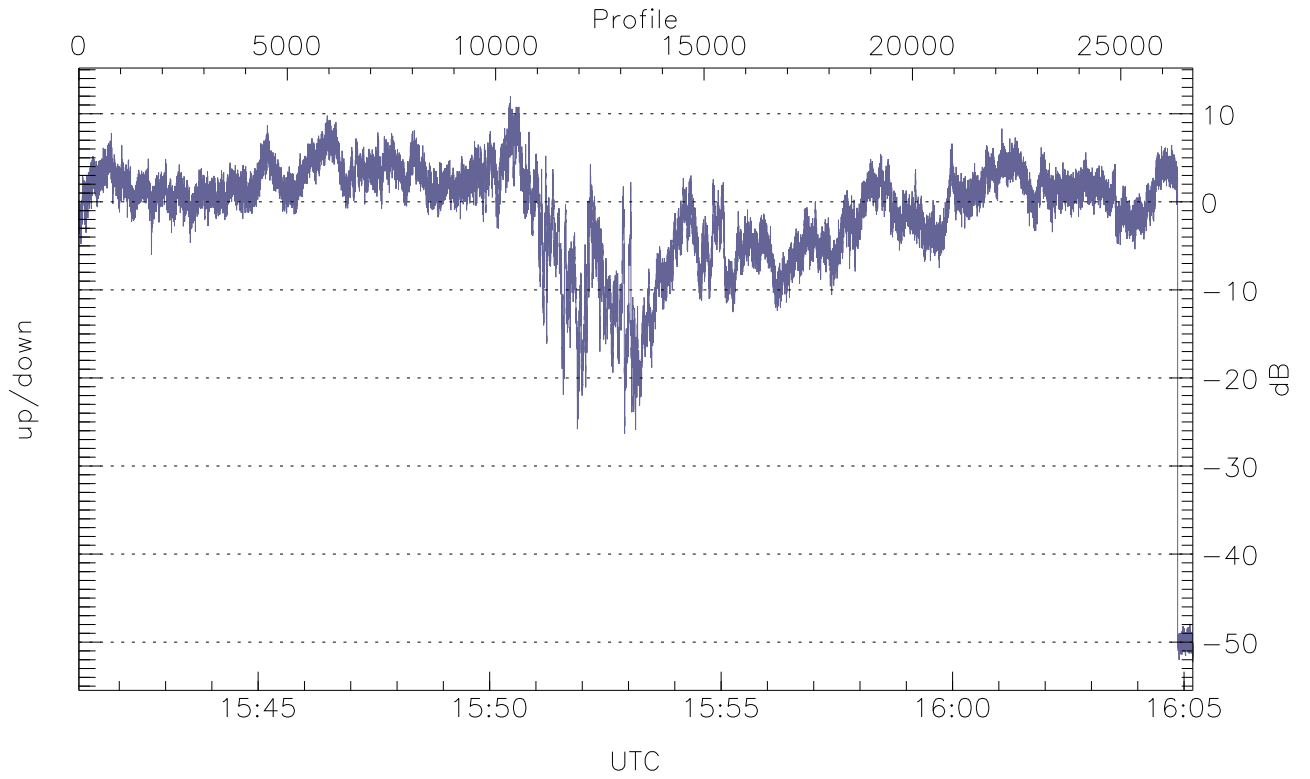


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



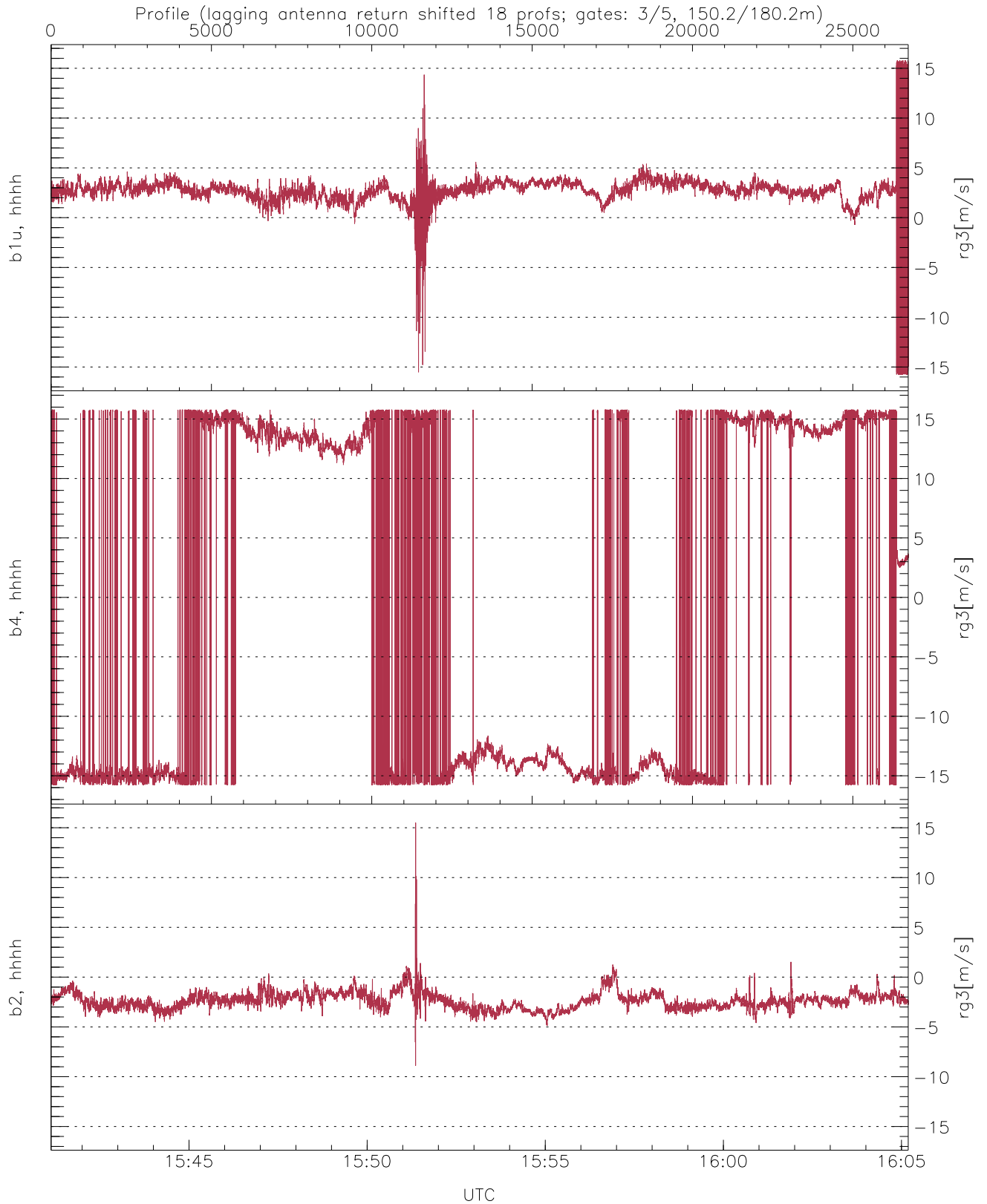
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.75	-6.30	-13.21
down-fore(hh [dBm])	-63.30	-5.44	-17.86
down(hh [dBm])	-63.49	-7.21	-14.61



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

	Min	Max	Mean
up/down (dB)	-52.27	11.98	-1.46
down/down-fore (dB)	-23.34	18.95	5.05



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	2.64	2.06
b4, hhhh(rg3[m/s])	-15.80	15.80	-0.60	14.48
b2, hhhh(rg3[m/s])	-8.89	15.50	-2.37	0.85