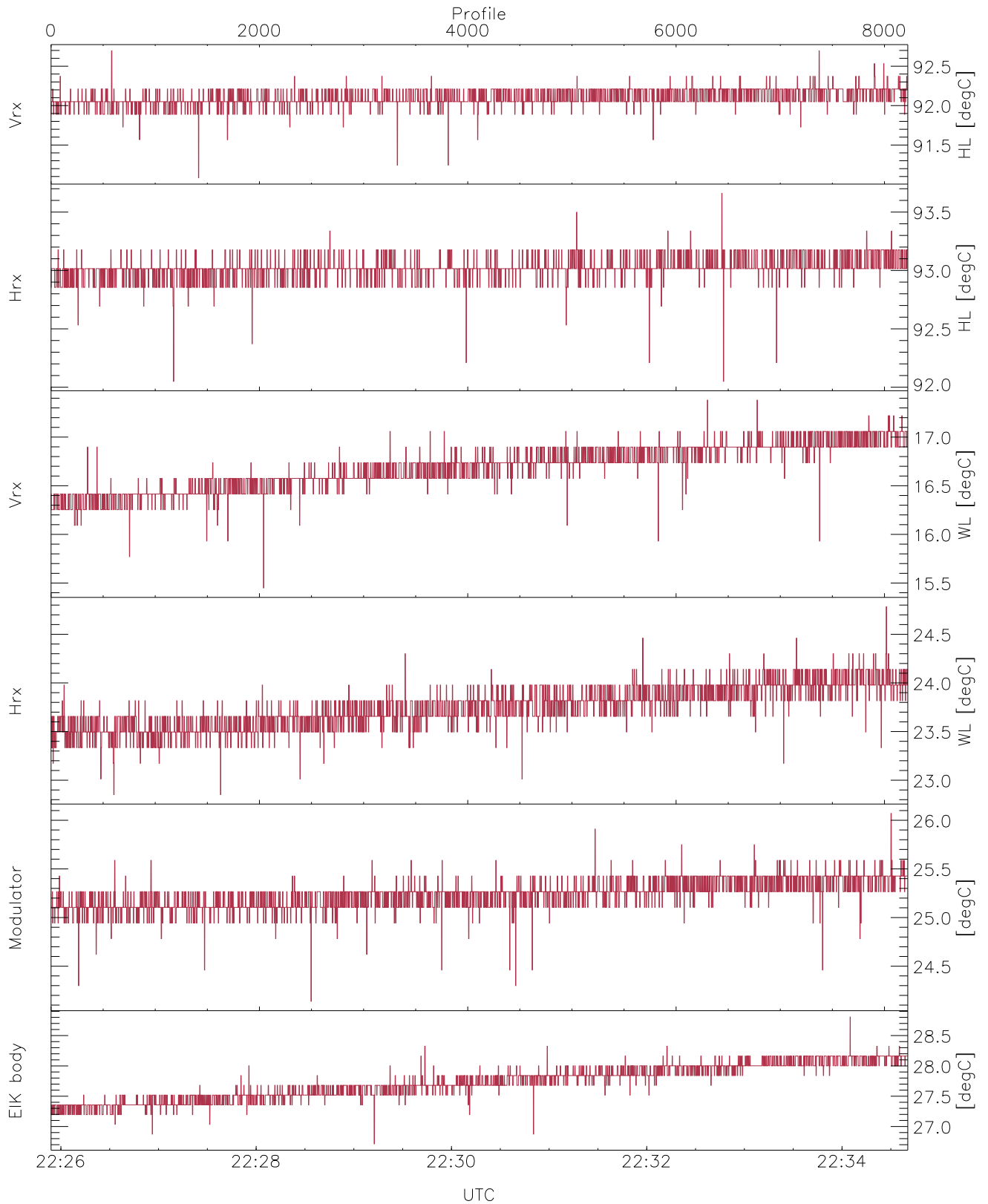


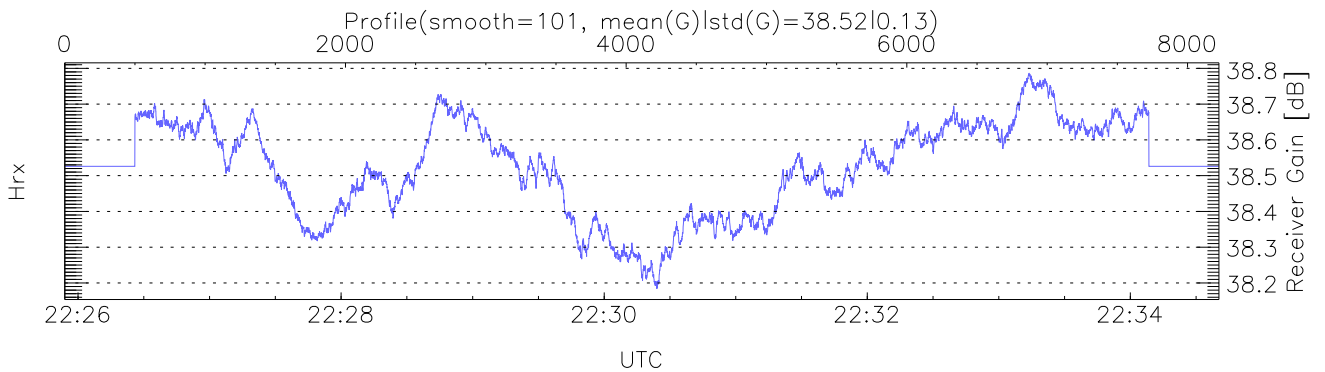
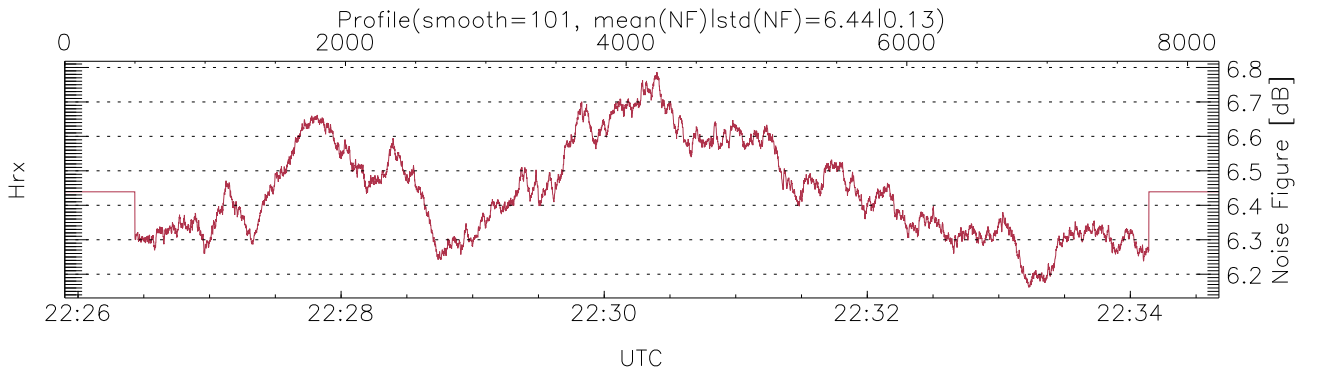
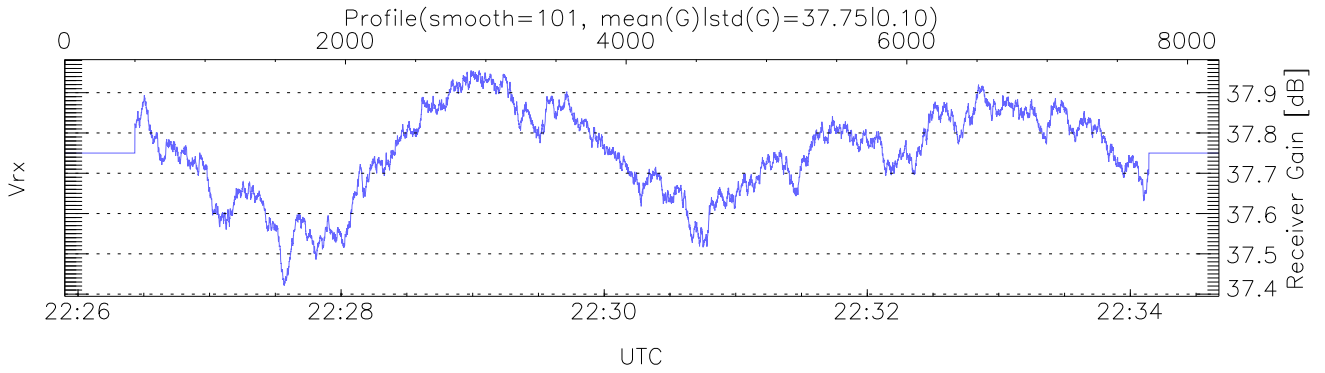
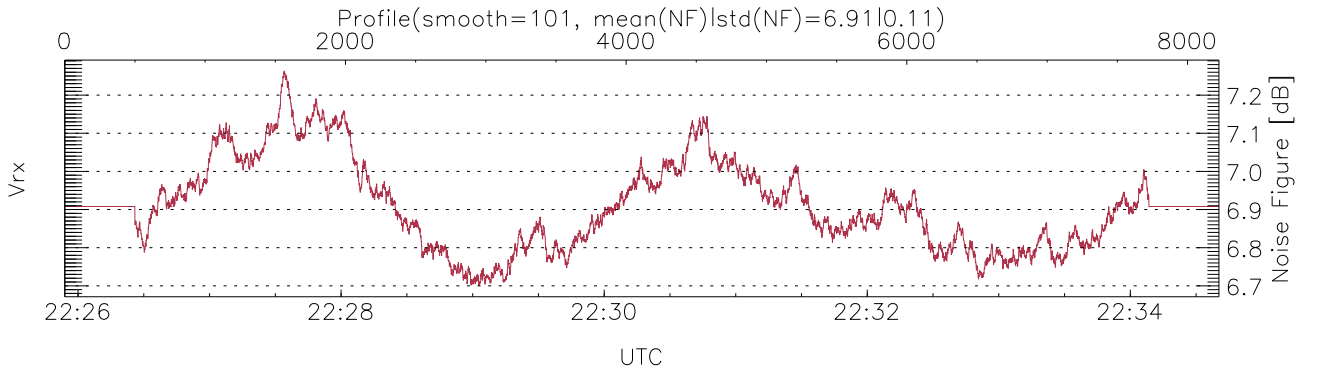
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:25:54-22:34:40, Dur: 526.47s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 64.0,64.0,64.0,0.0 ms / 16,16,16
 NumRec(r/t): 8225/8225, 0-8224/22:25:54-22:34:40
 AcqTime: 64.0ms, Rate: 495KB/s, Averages: 160
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6187,15.0 m, Gates: 406, Aspect: 2.6
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



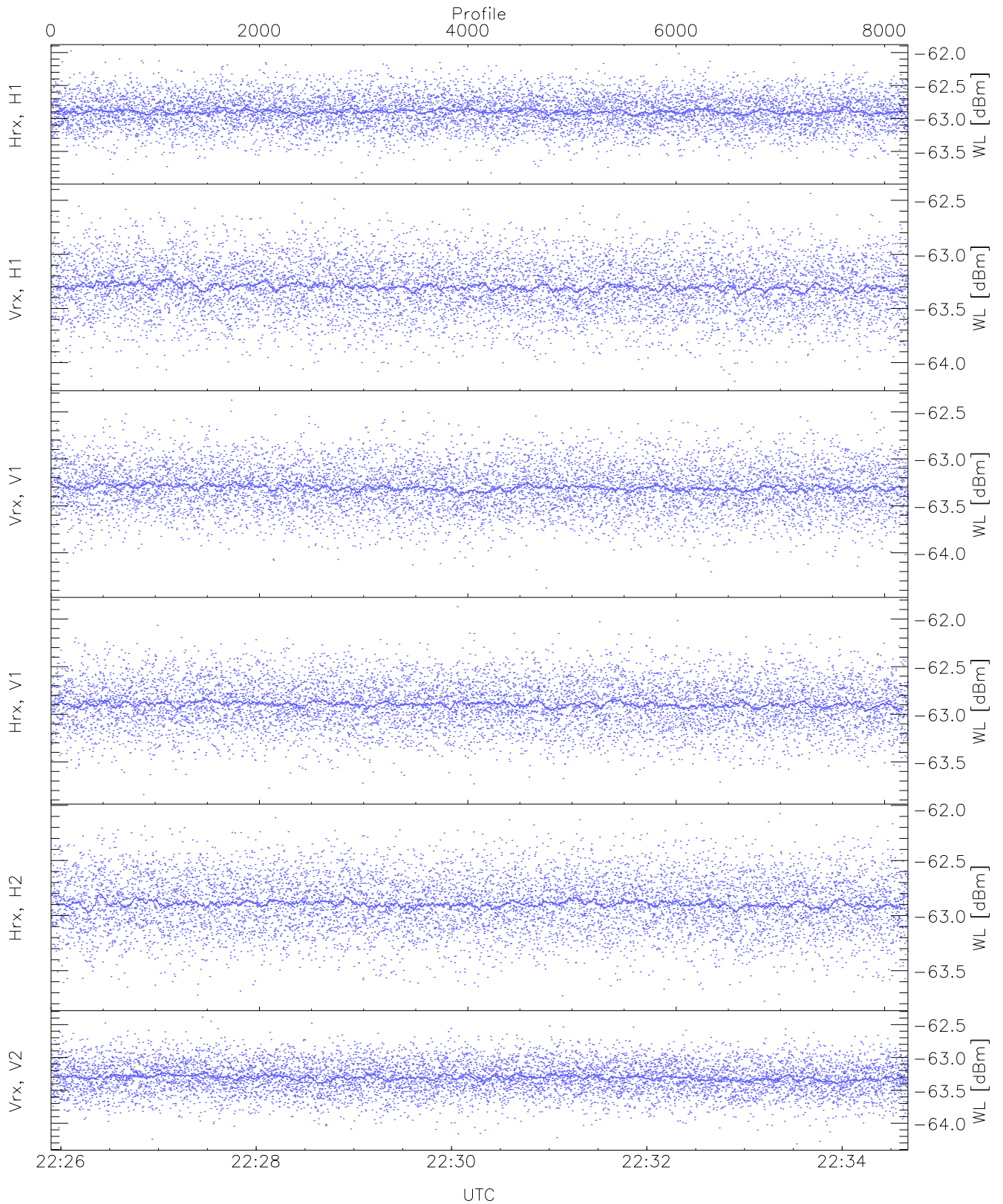
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,22,24,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,26,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (4,4,4,4,4,4)



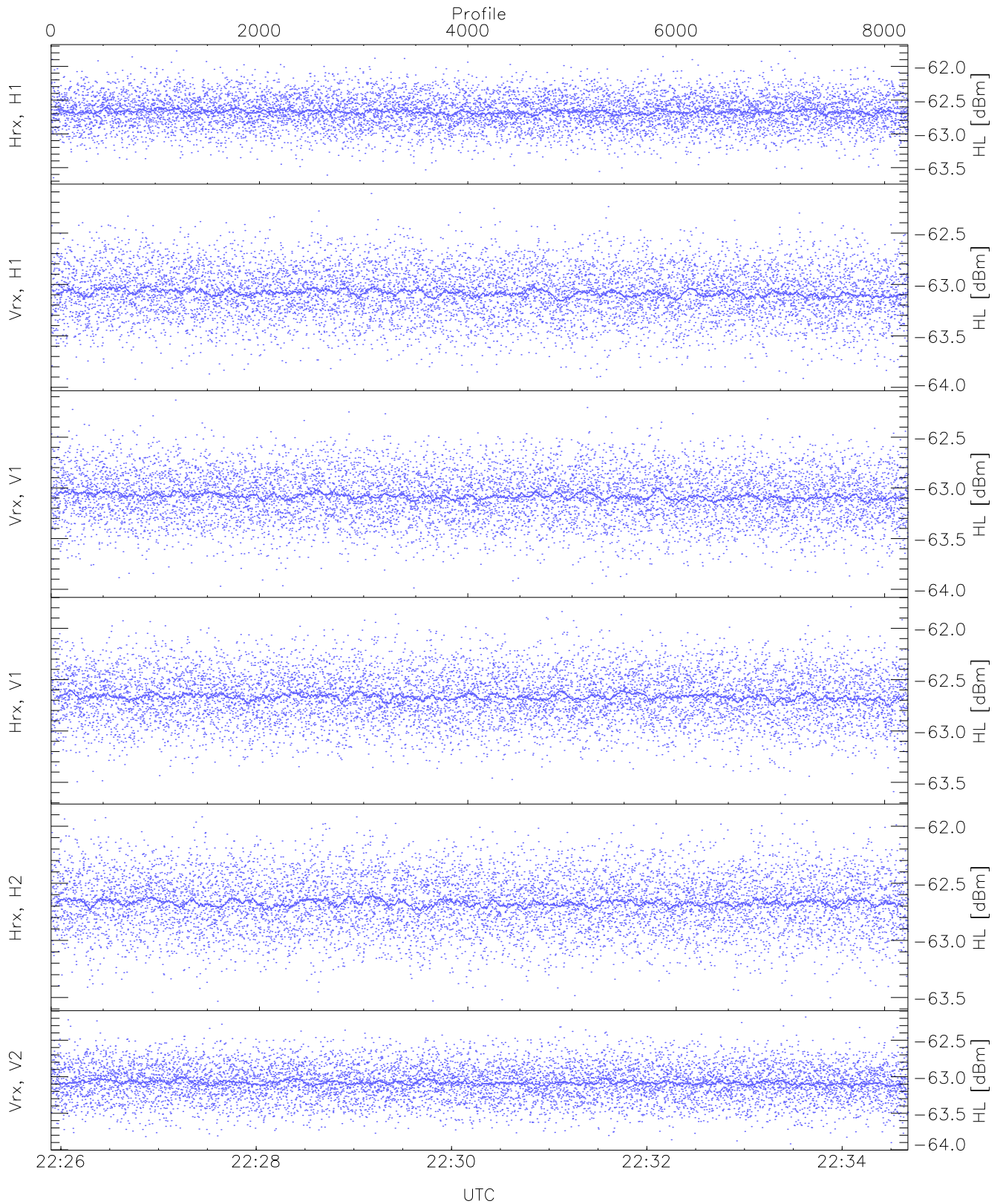
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 467 pixs, 5 gates, 415 profs, 1 prods



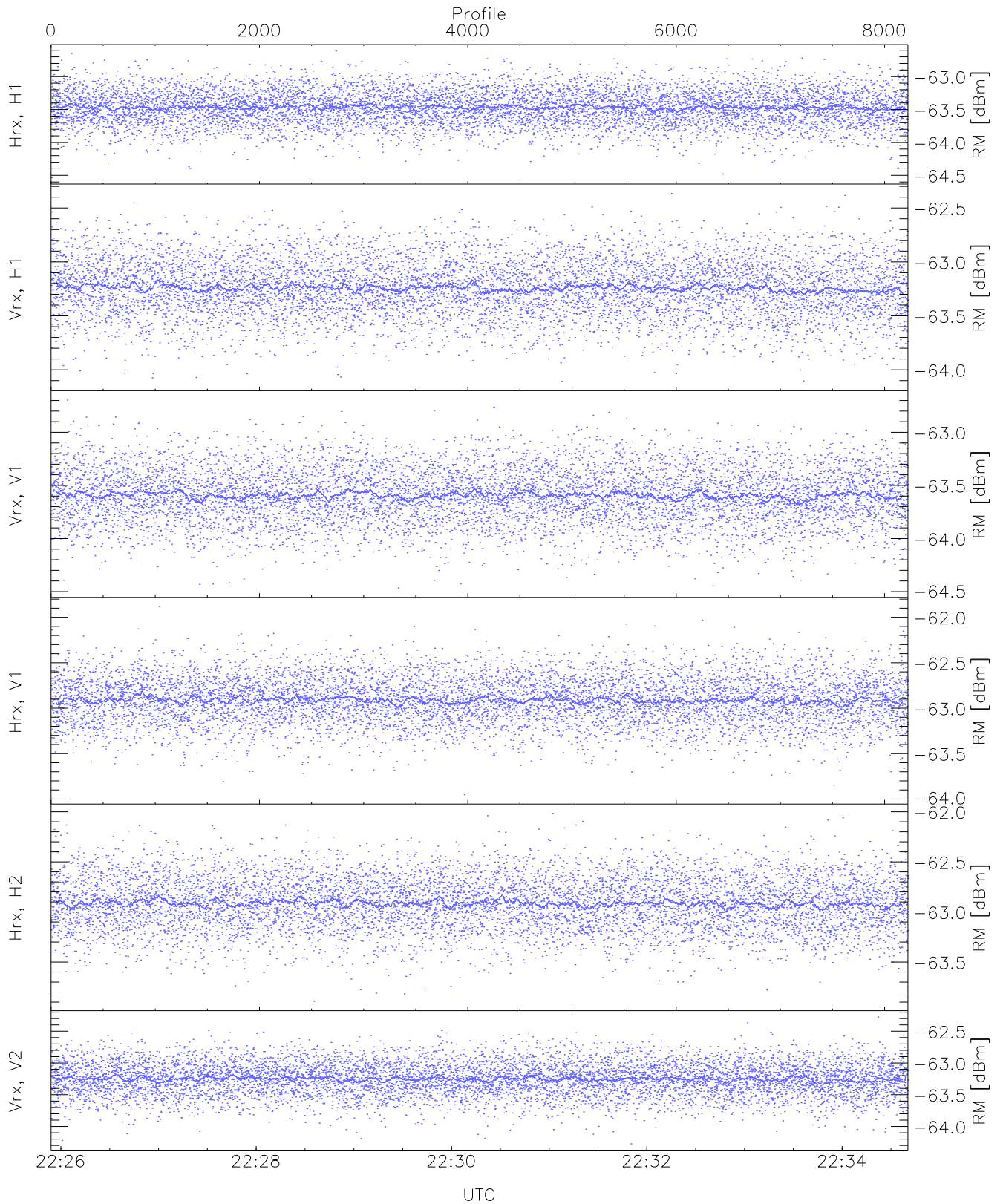
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-61.98	-62.89	-62.89	-75.31
Vrx, H1 (WL [dBm])	-64.17	-62.44	-63.30	-63.30	-75.75
Vrx, V1 (WL [dBm])	-64.38	-62.37	-63.30	-63.31	-75.78
Hrx, V1 (WL [dBm])	-63.84	-61.87	-62.89	-62.90	-75.35
Hrx, H2 (WL [dBm])	-63.78	-62.07	-62.89	-62.89	-75.35
Vrx, V2 (WL [dBm])	-64.31	-62.38	-63.30	-63.31	-75.76



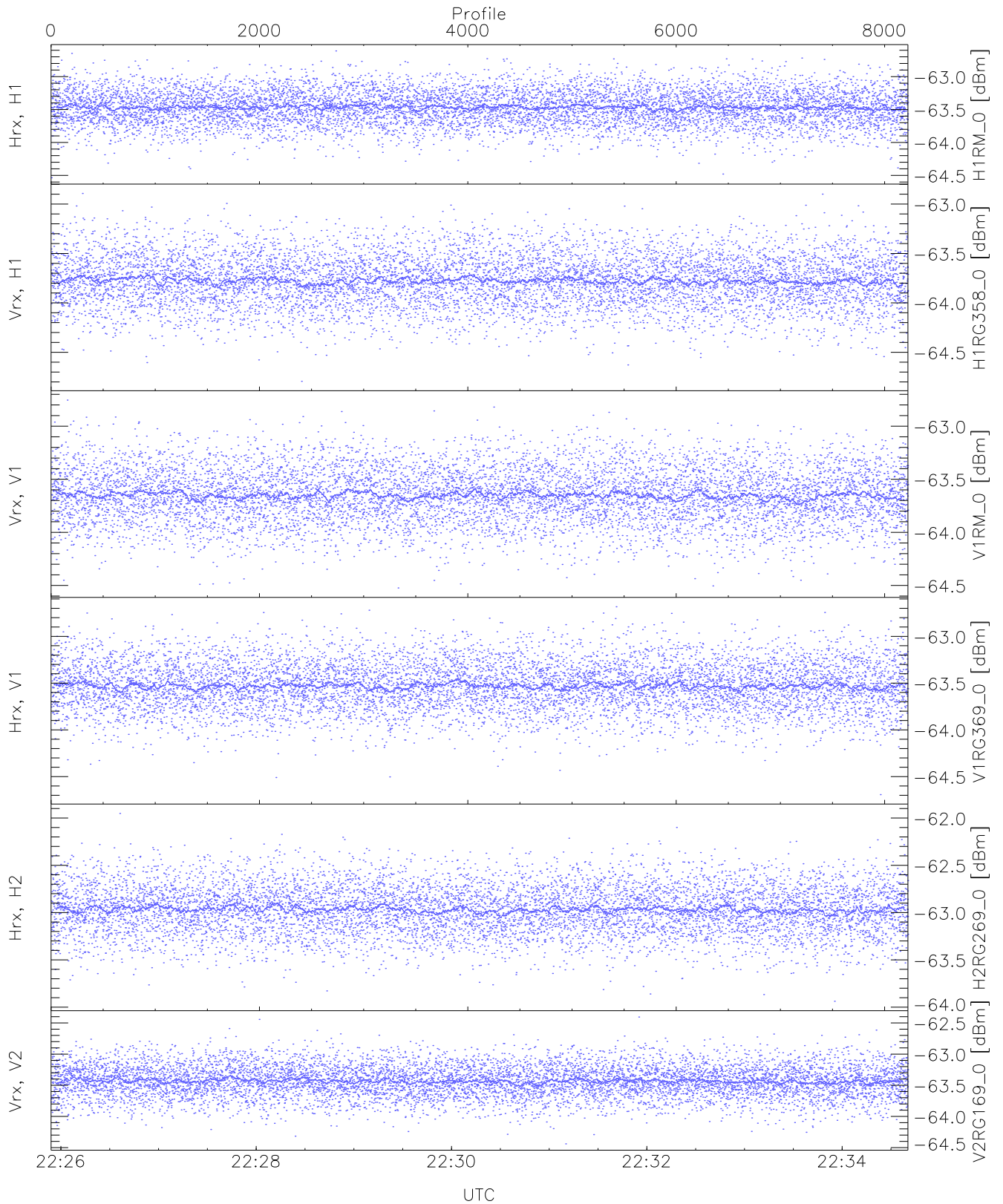
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.65	-61.77	-62.66	-62.67	-75.14
Vrx, H1 (HL [dBm])	-63.94	-62.12	-63.08	-63.08	-75.49
Vrx, V1 (HL [dBm])	-63.99	-62.13	-63.08	-63.08	-75.50
Hrx, V1 (HL [dBm])	-63.62	-61.79	-62.66	-62.67	-75.11
Hrx, H2 (HL [dBm])	-63.53	-61.89	-62.67	-62.67	-75.16
Vrx, V2 (HL [dBm])	-63.92	-62.18	-63.07	-63.08	-75.52



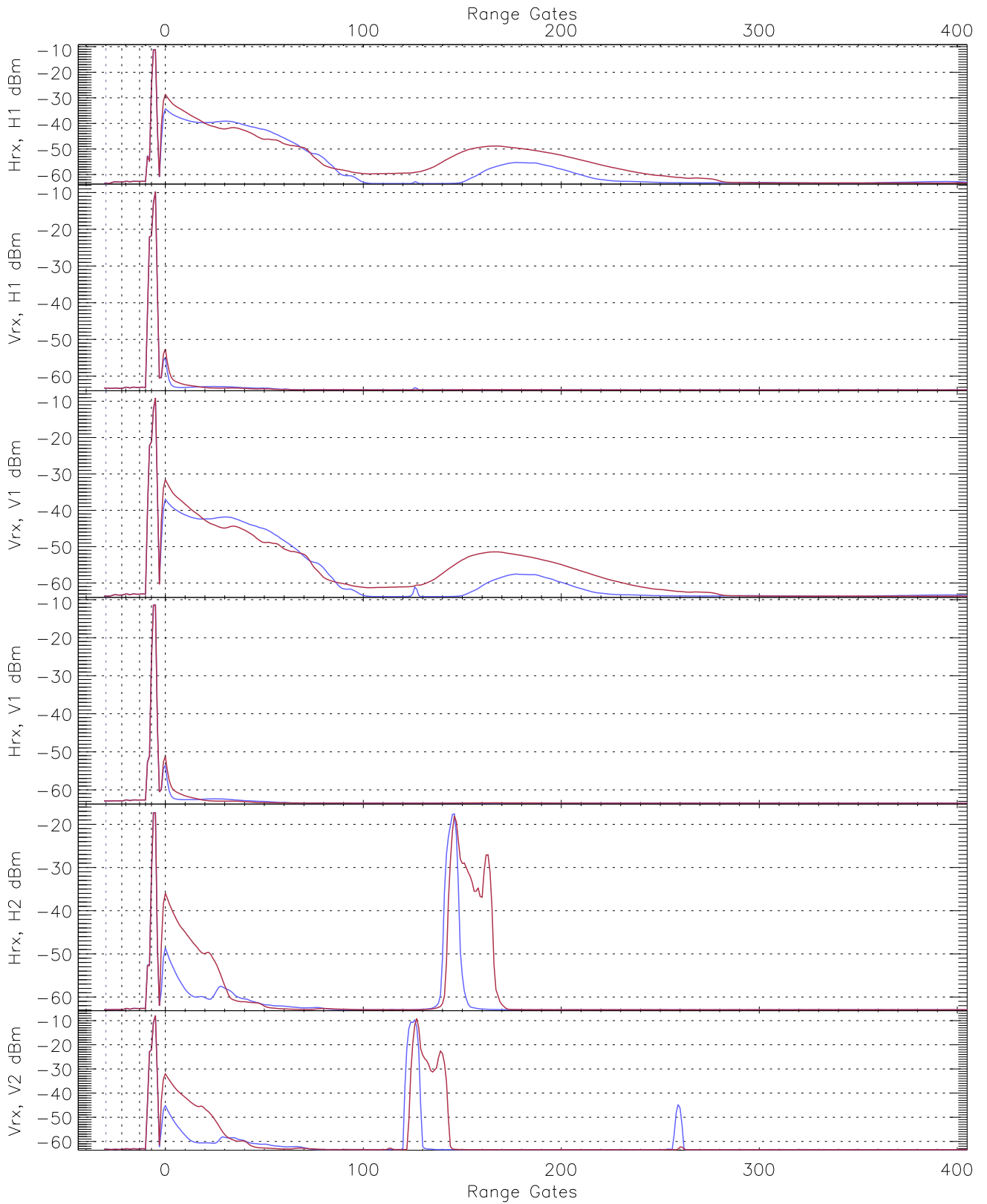
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.54	-62.61	-63.46	-63.47	-75.87
Vrx, H1 (RM [dBm])	-64.11	-62.37	-63.24	-63.24	-75.66
Vrx, V1 (RM [dBm])	-64.47	-62.70	-63.59	-63.60	-76.07
Hrx, V1 (RM [dBm])	-63.95	-61.88	-62.91	-62.91	-75.40
Hrx, H2 (RM [dBm])	-63.89	-62.02	-62.91	-62.91	-75.31
Vrx, V2 (RM [dBm])	-64.27	-62.28	-63.25	-63.25	-75.66

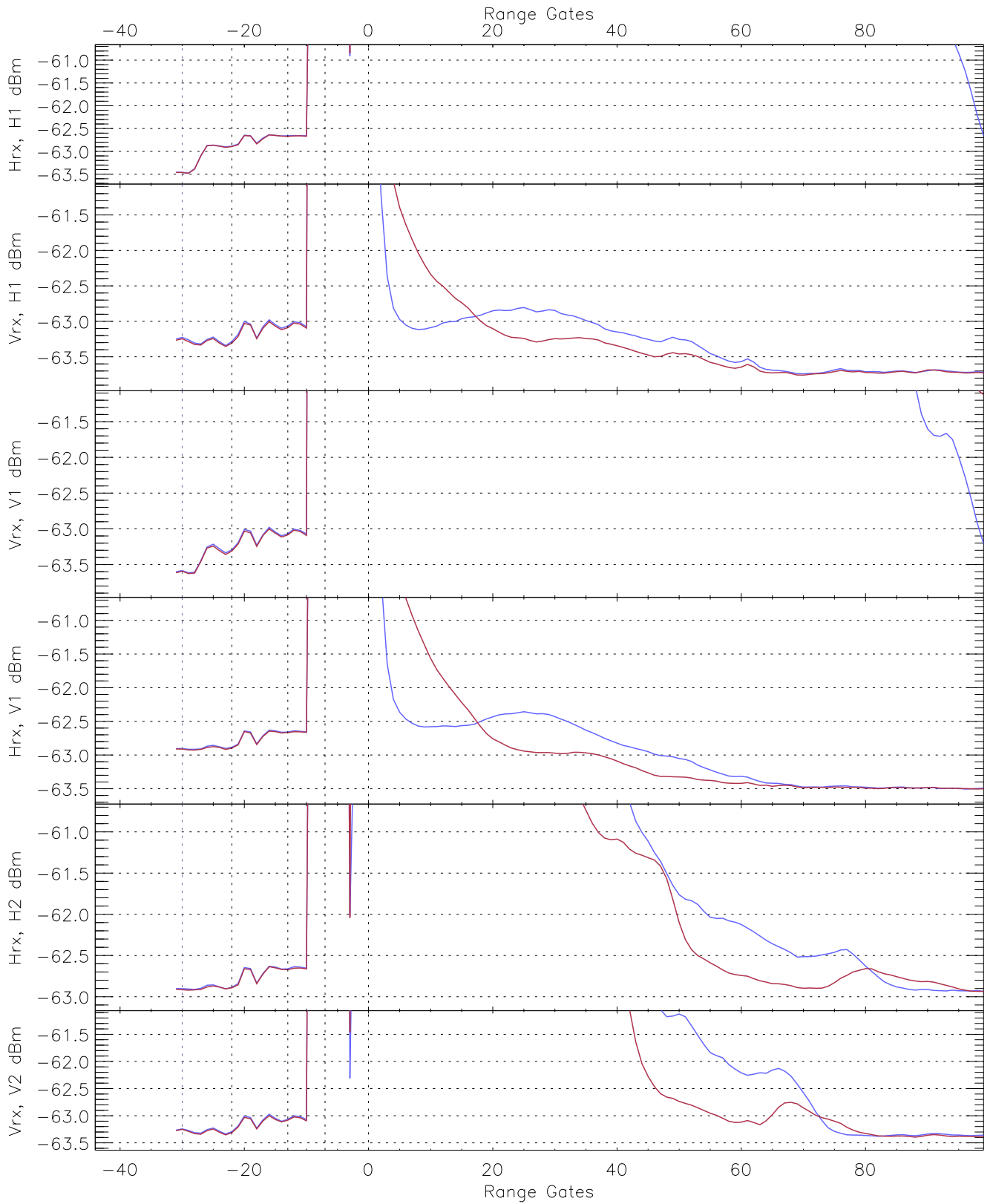


WCR2 CPP "Best" estimate Receivers Noise Power

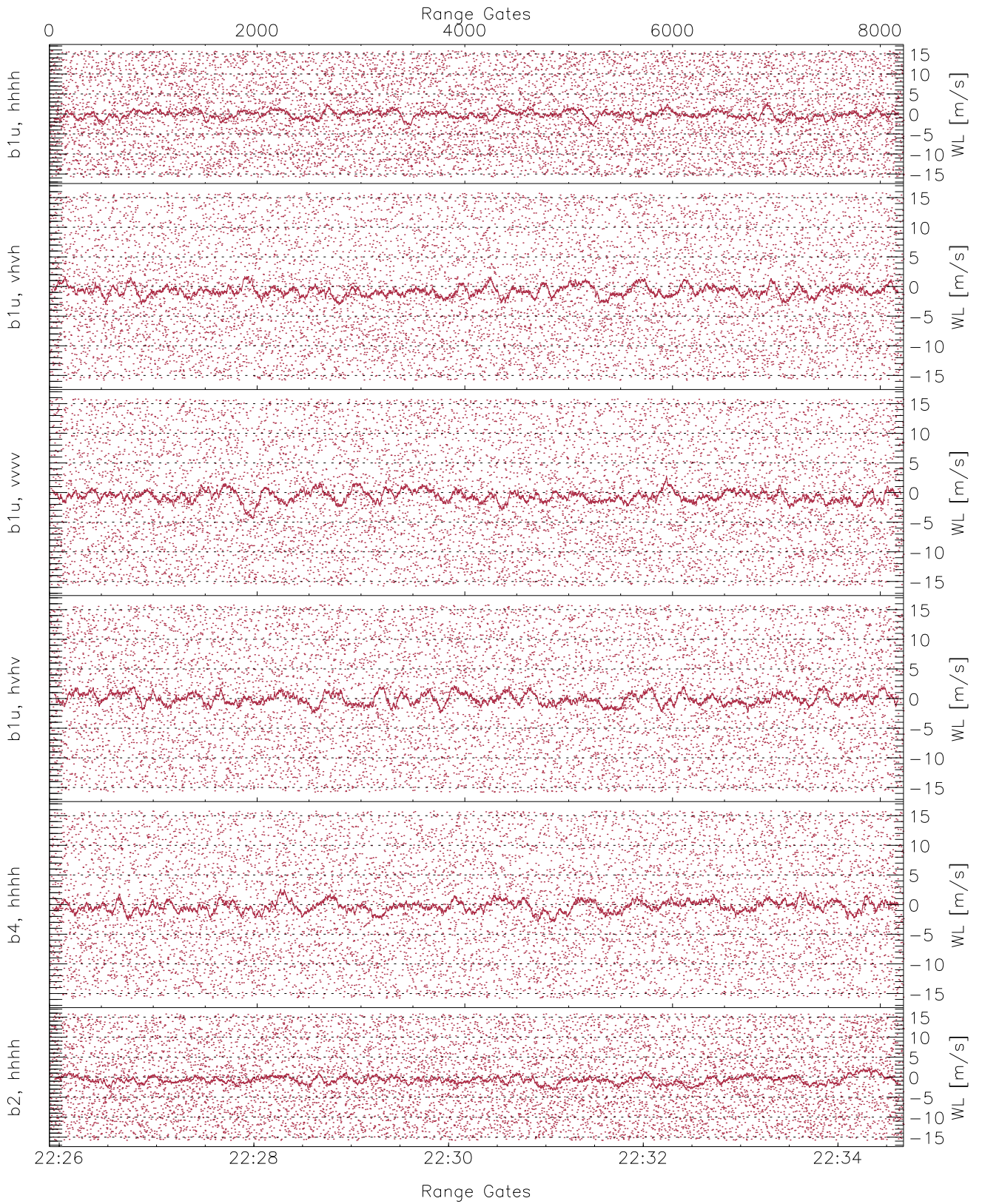
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-64.54	-62.61	-63.46	-63.47	-75.87
H1RG358_0 [dBm]	-64.79	-62.89	-63.77	-63.78	-76.23
V1RM_0 [dBm]	-64.52	-62.75	-63.65	-63.66	-76.12
V1RG369_0 [dBm]	-64.69	-62.68	-63.52	-63.53	-76.00
H2RG269_0 [dBm]	-63.94	-61.95	-62.96	-62.97	-75.45
V2RG169_0 [dBm]	-64.44	-62.41	-63.43	-63.43	-75.90



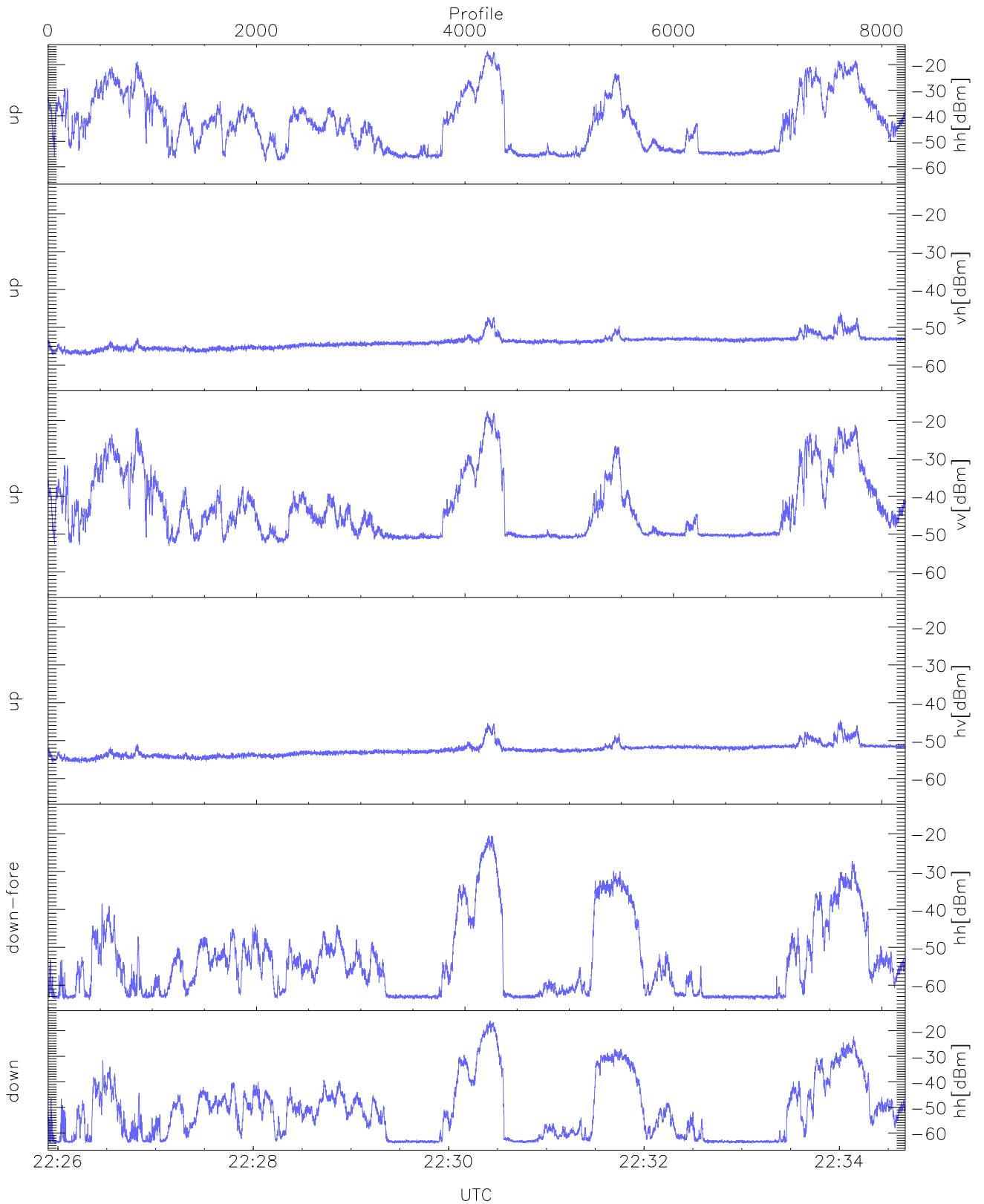
WCR2 CPP Averaged Received power for all recorded gates
blue: 222554-223017, 4113 profiles averaged
red: 223017-223440, 4113 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 222554-223017, 4113 profiles averaged
red: 223017-223440, 4113 profiles averaged

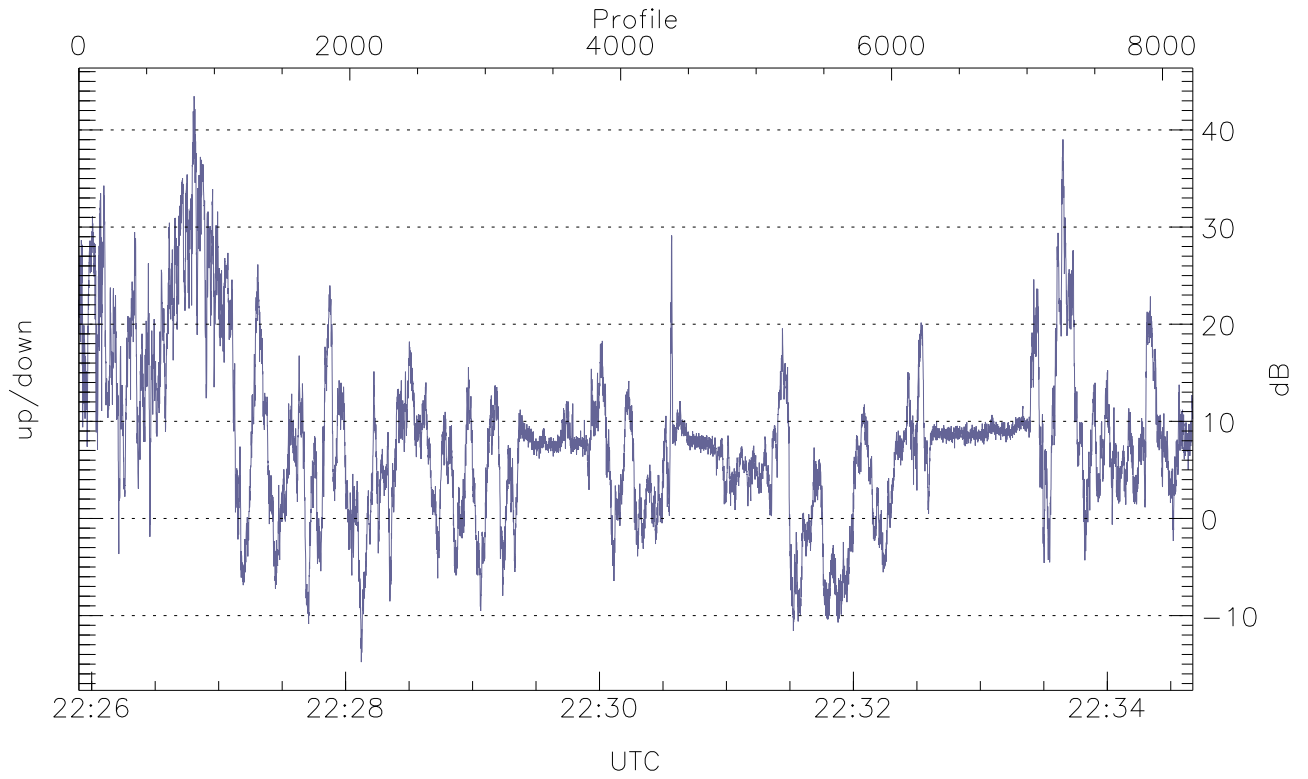


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



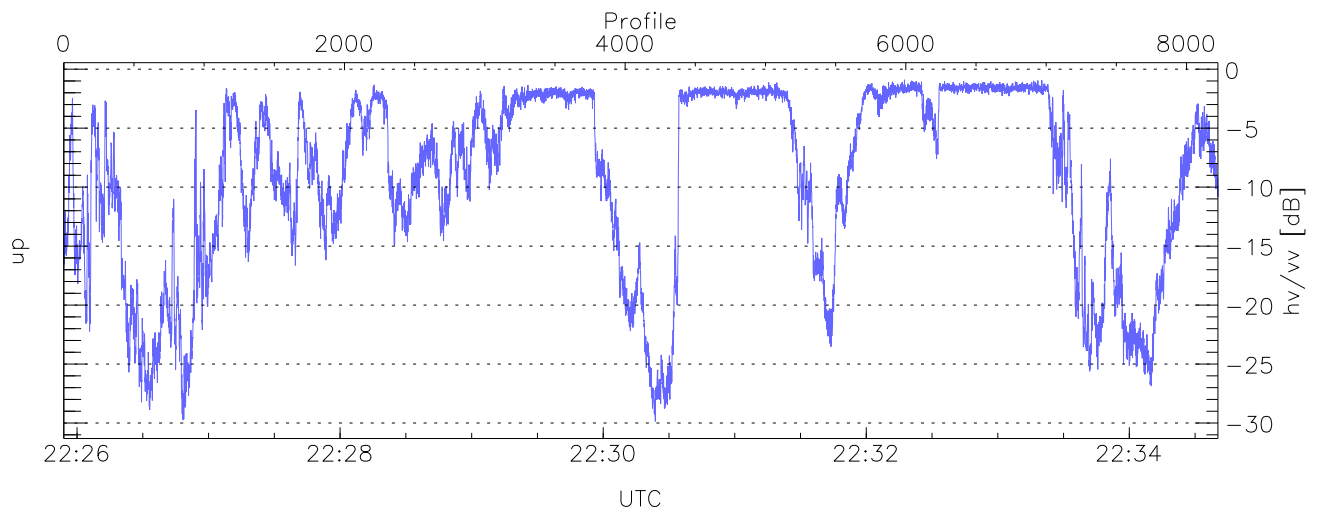
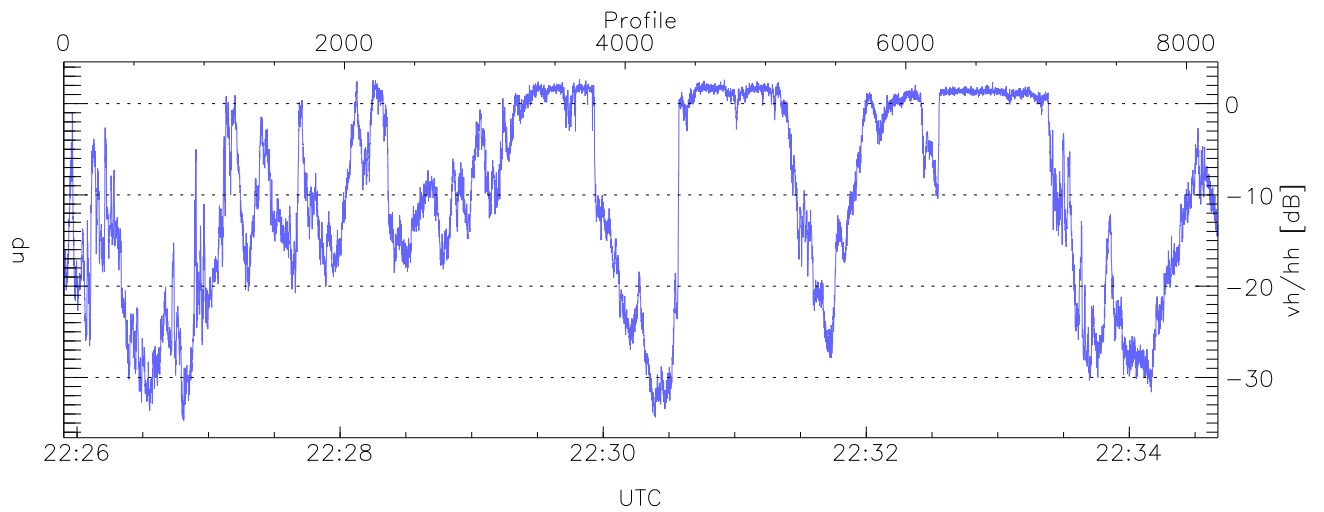
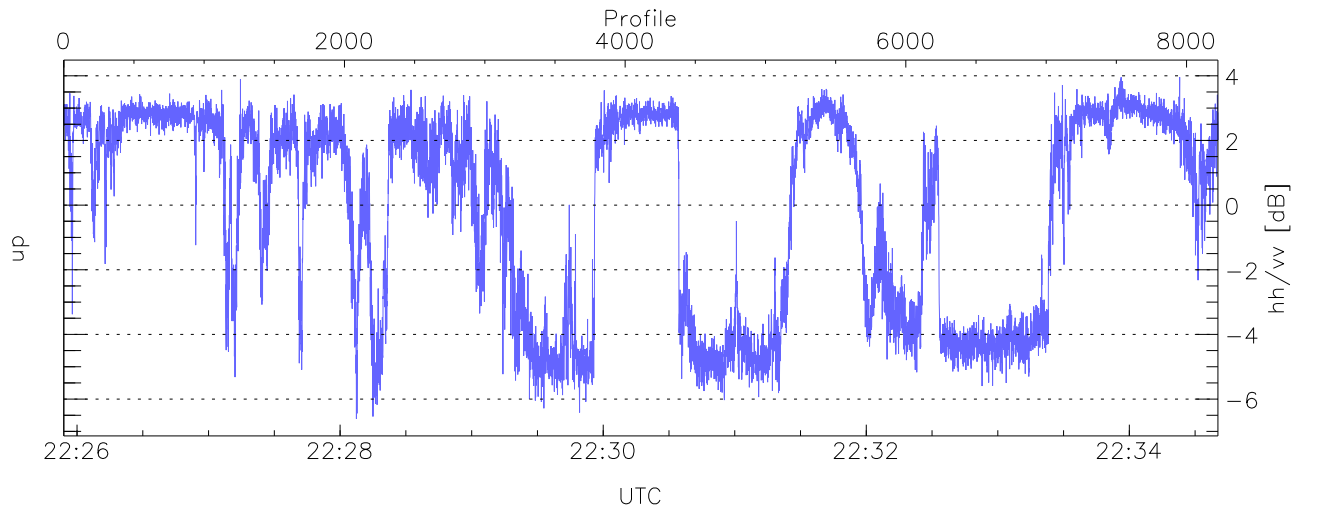
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-57.96	-14.64	-30.68
up(vh[dBm])	-57.40	-46.14	-53.63
up(vv[dBm])	-53.11	-17.52	-33.50
up(hv[dBm])	-55.96	-44.57	-52.18
down-fore(hh[dBm])	-63.95	-20.48	-38.72
down(hh[dBm])	-64.26	-16.11	-34.80



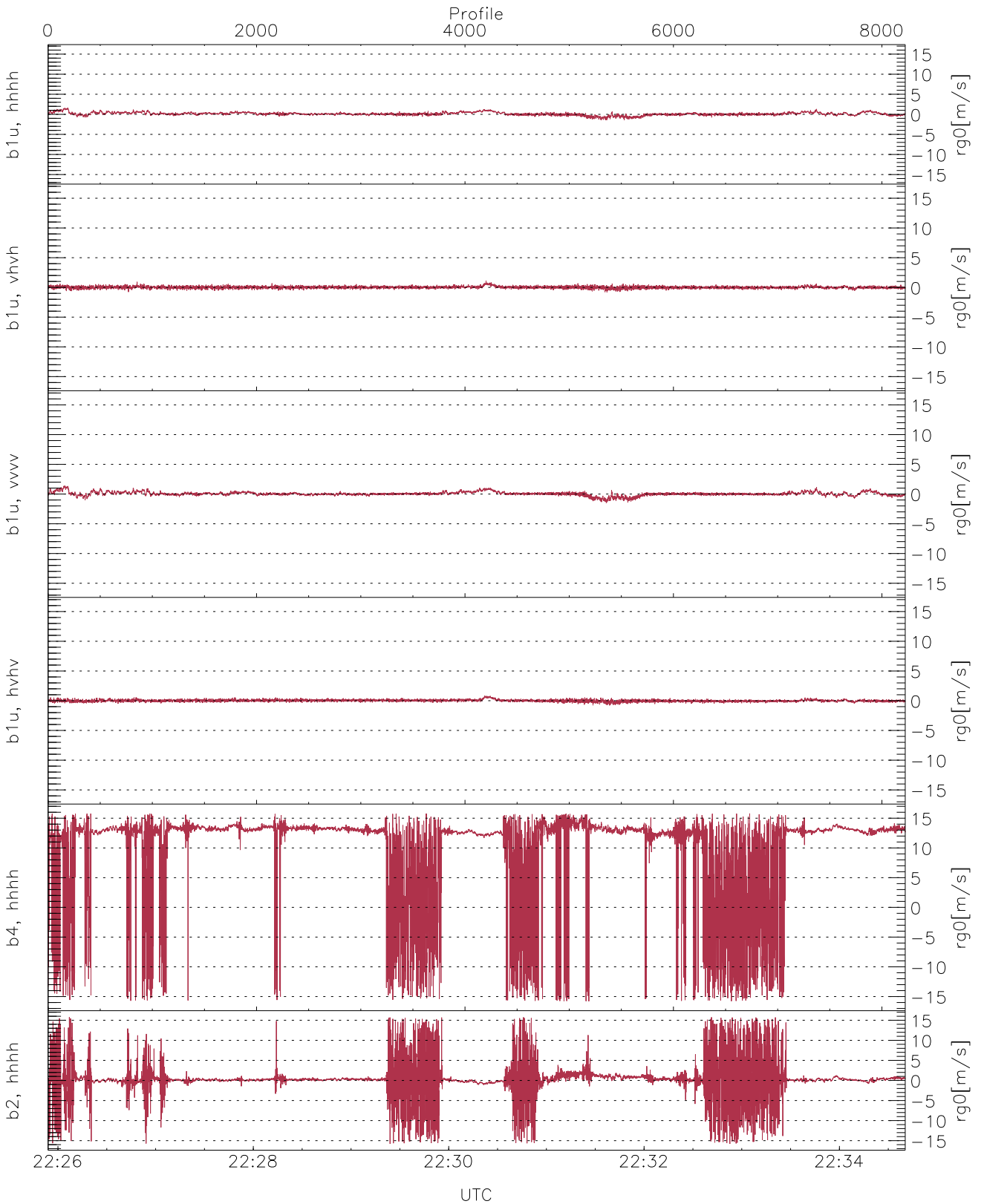
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-14.79	43.46	8.26
down/down-fore (dB)	-15.40	27.79	3.17



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up(hh/vv [dB])	-6.61	3.96	0.82
up(vh/hh [dB])	-34.73	2.71	-3.29
up(hv/vv [dB])	-29.86	-0.90	-5.20



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-1.45	1.56	0.12	0.38
b1u, vvhv(rg0[m/s])	-0.82	1.10	0.01	0.19
b1u, vvvv(rg0[m/s])	-1.49	1.39	0.05	0.32
b1u, hvhv(rg0[m/s])	-0.79	0.82	0.01	0.18
b4, hhhh(rg0[m/s])	-15.80	15.79	9.81	7.42
b2, hhhh(rg0[m/s])	-15.80	15.79	0.25	3.96