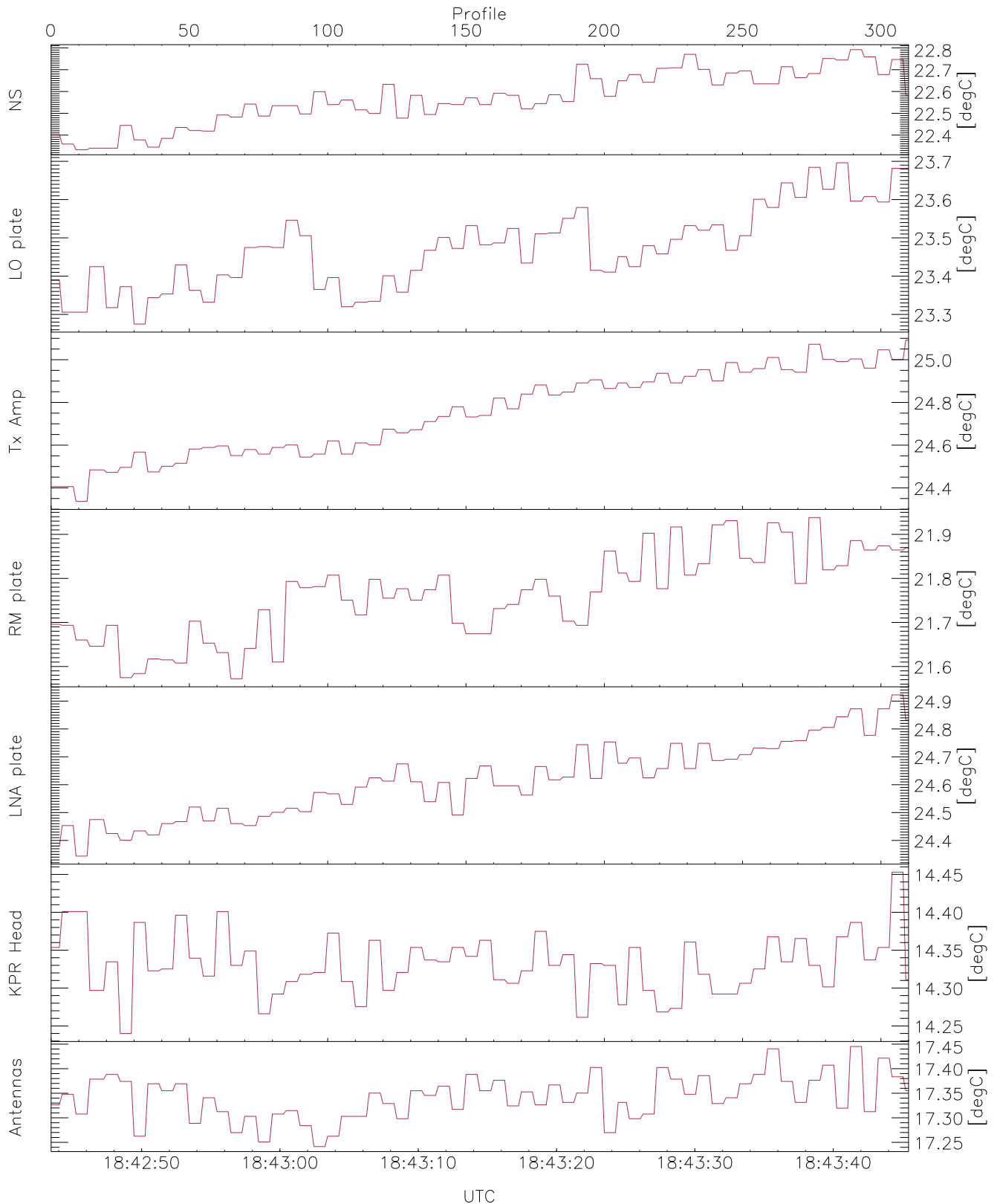


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 18:42:43-18:43:45, TimeCor: 0.00s, Dur: 62.00s
 TimeInt(min,max,mn,std): 199.9,200.1,200.0,0.0 ms; PPS: 5.0
 NumRec(r/t): 311/311, 0-310/18:42:43-18:43:45
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 95.1 KB/s
 Pulse: 247 ns, Chirp: 2.47 us, DRxIF: 5.0 MHz
 PRF: 20.0 KHz, avrgPulses: 4000, avrgPP: 3999
 NyquistVel: 42.1 m/s, RangeRes:30.0 m
 Pulse Range(min,max): 120, 6506 m, Gates: 427
 Chirp Range(min,max): 536, 6487 m, Gates: 398
 RangeGateSampling: 15.0 m, Aspect: 0.8

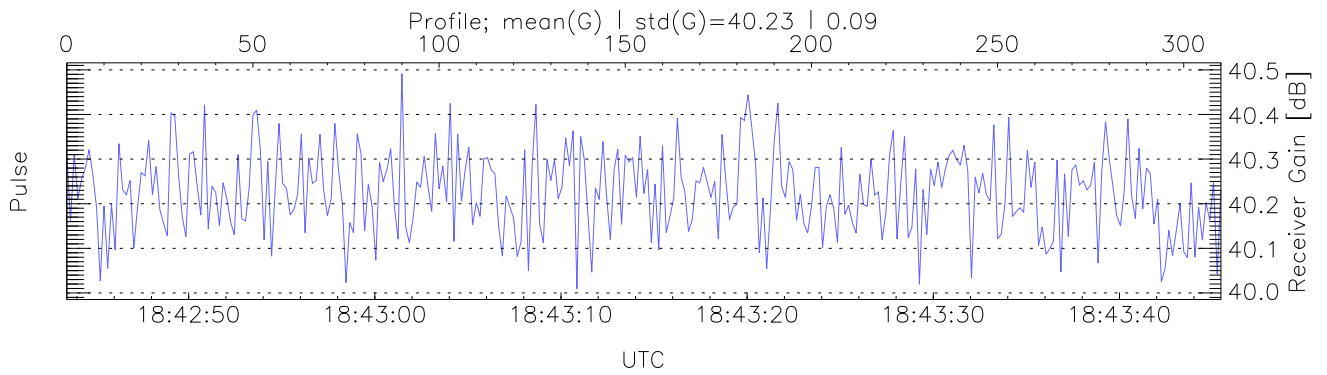
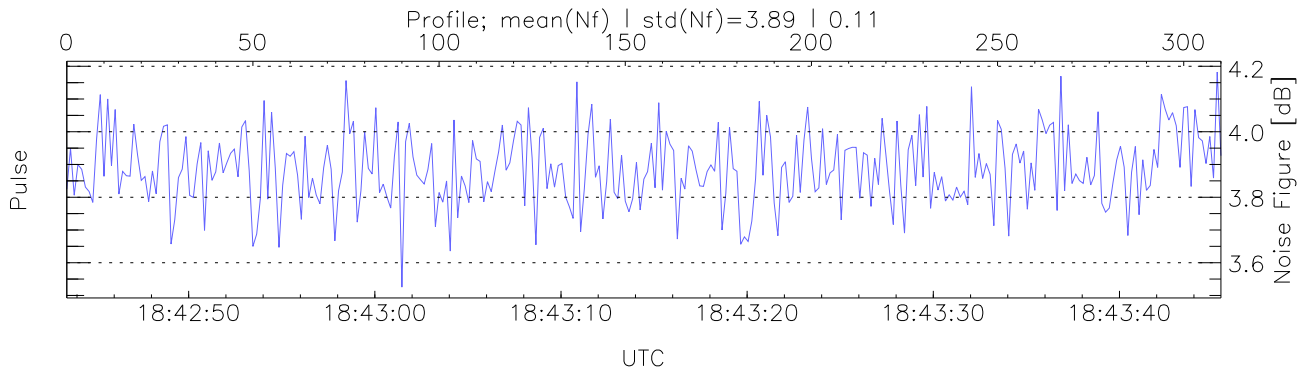
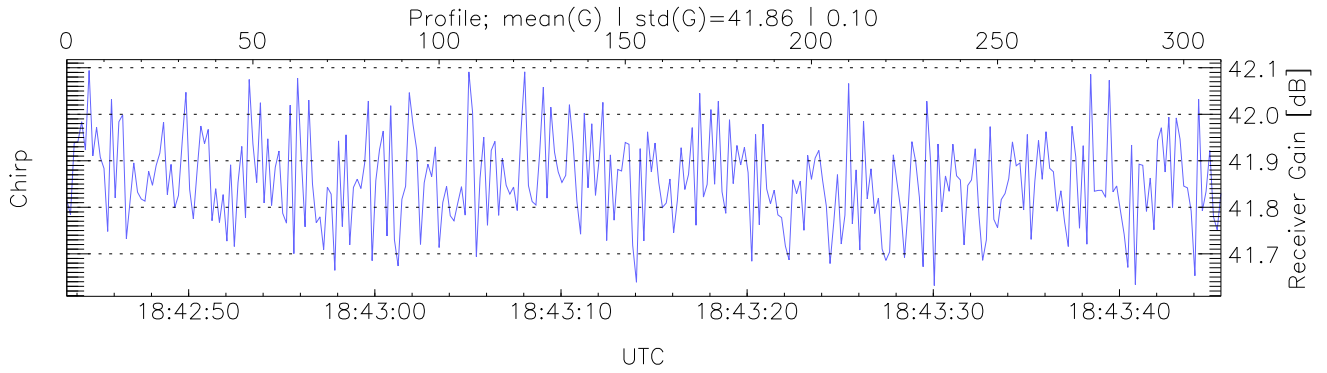
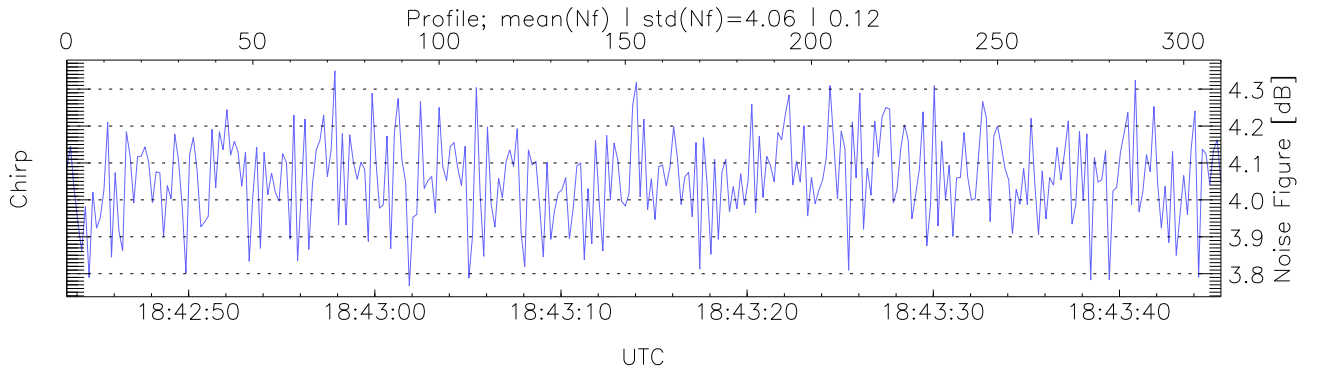


KPR SPP Temperatures, Power Supplies, PLO lock:

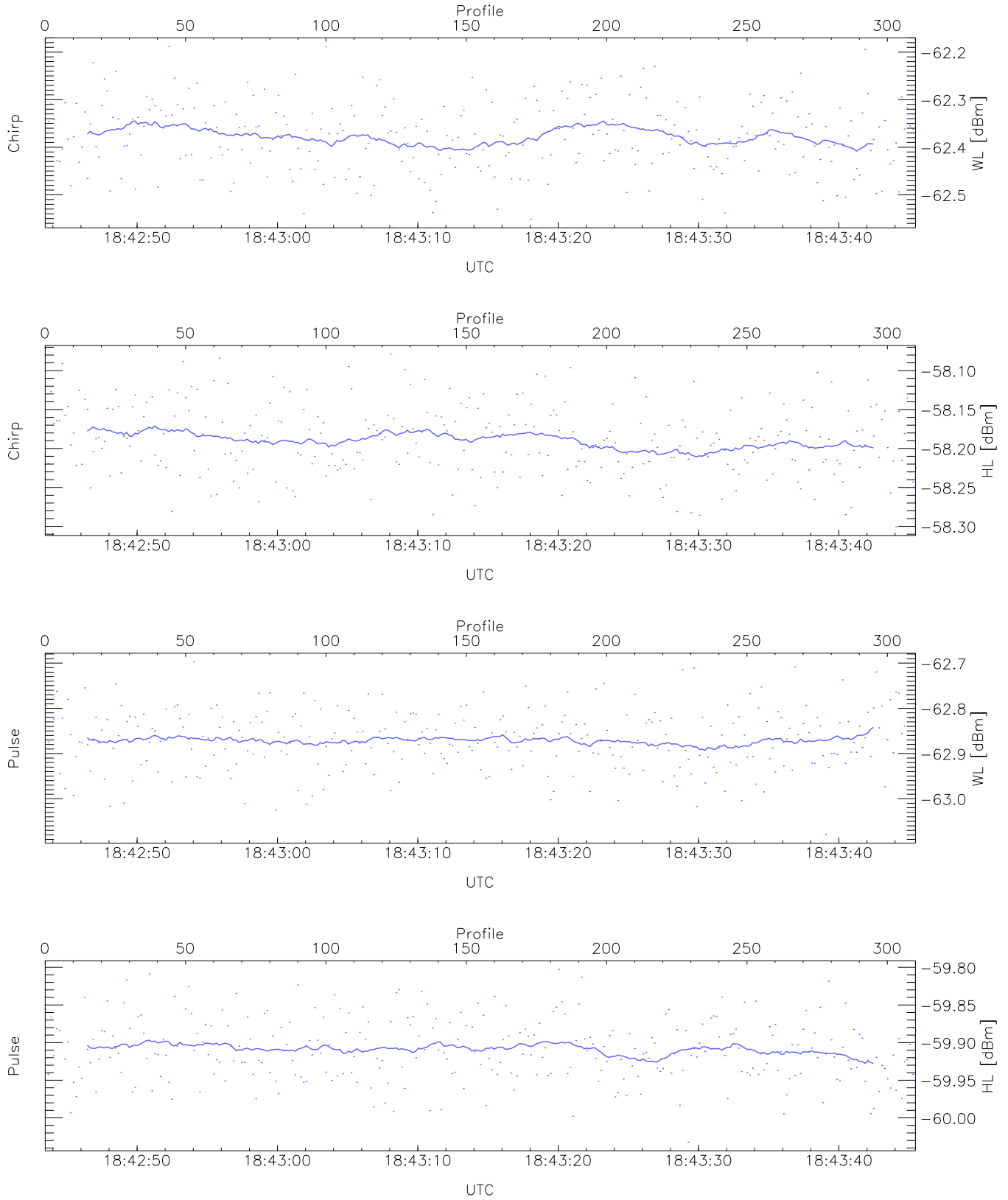
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	22.3,	23.3,	24.3,	21.6,	24.3,	14.2,	17.2
maxtempC:	22.8,	23.7,	25.1,	21.9,	24.9,	14.5,	17.4
meantempC:	22.6,	23.5,	24.7,	21.8,	24.6,	14.3,	17.3

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.16,	11.68,	7.87,	5.22
maxVDC:	26.48,	11.72,	7.89,	5.23
meanVDC:	26.27,	11.70,	7.88,	5.23

PLO(3.84,15.84 GHz) unlocked: None

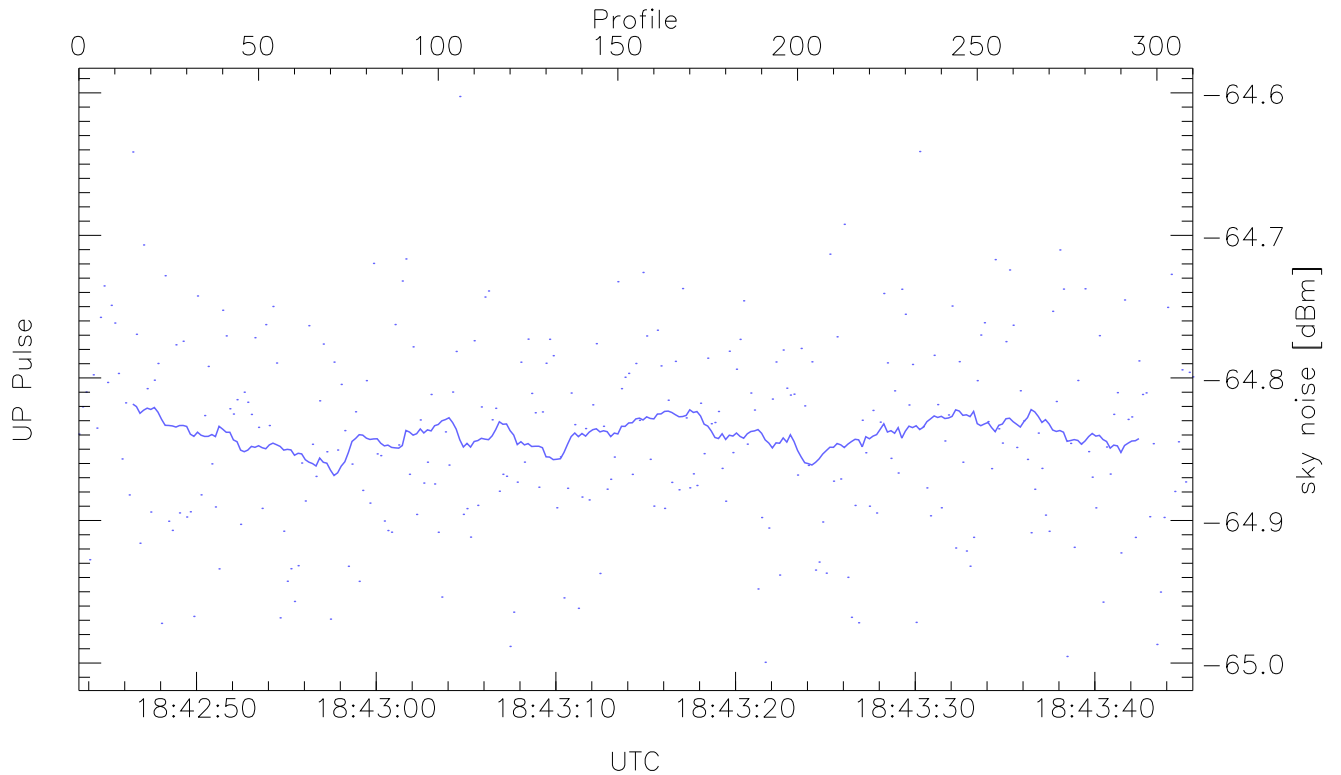
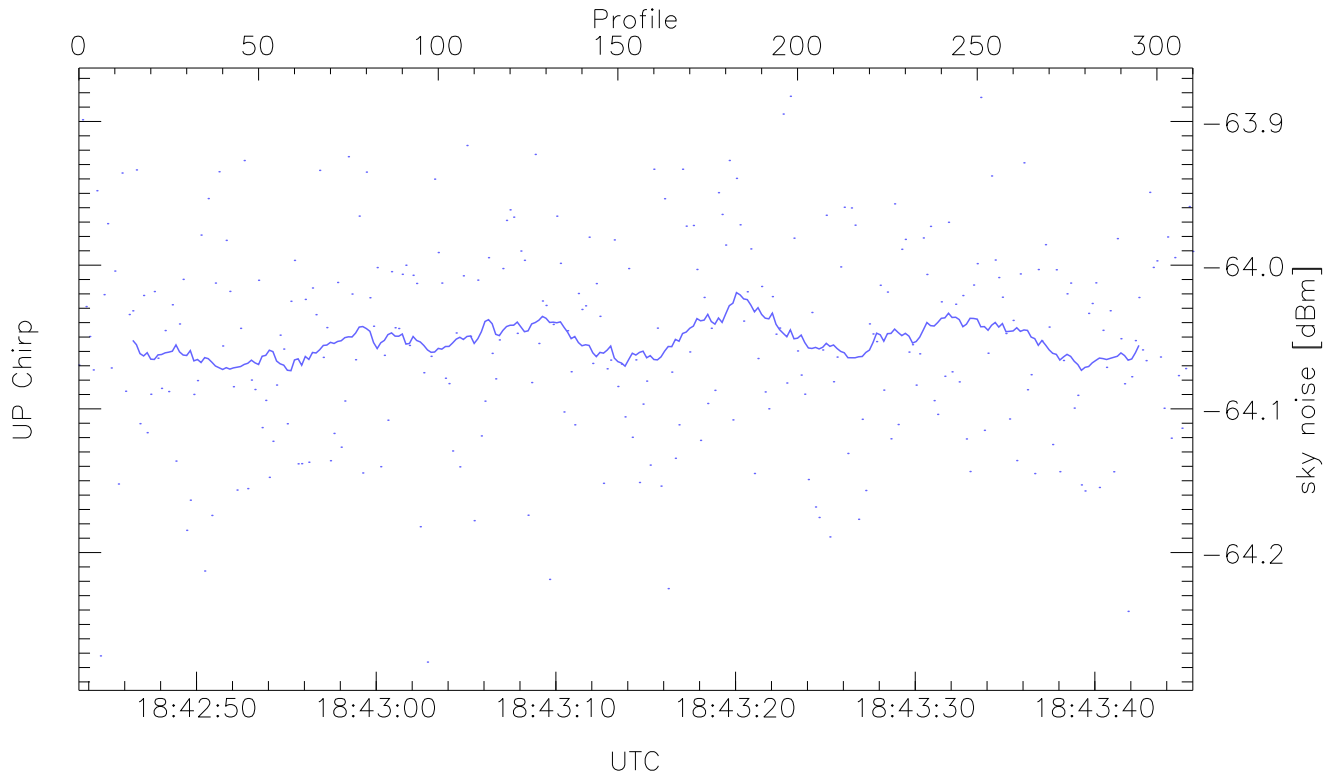


KPR SPP Receiver Gain and Noise Figure



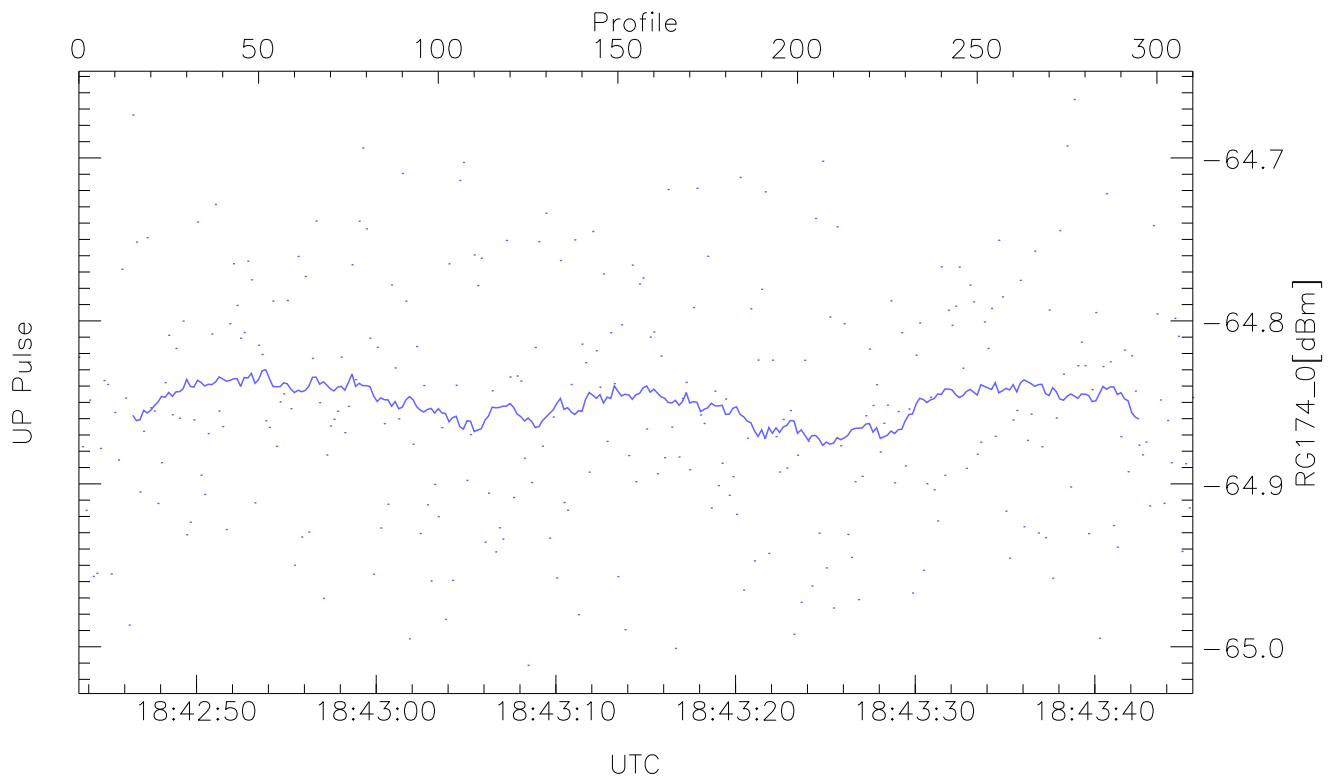
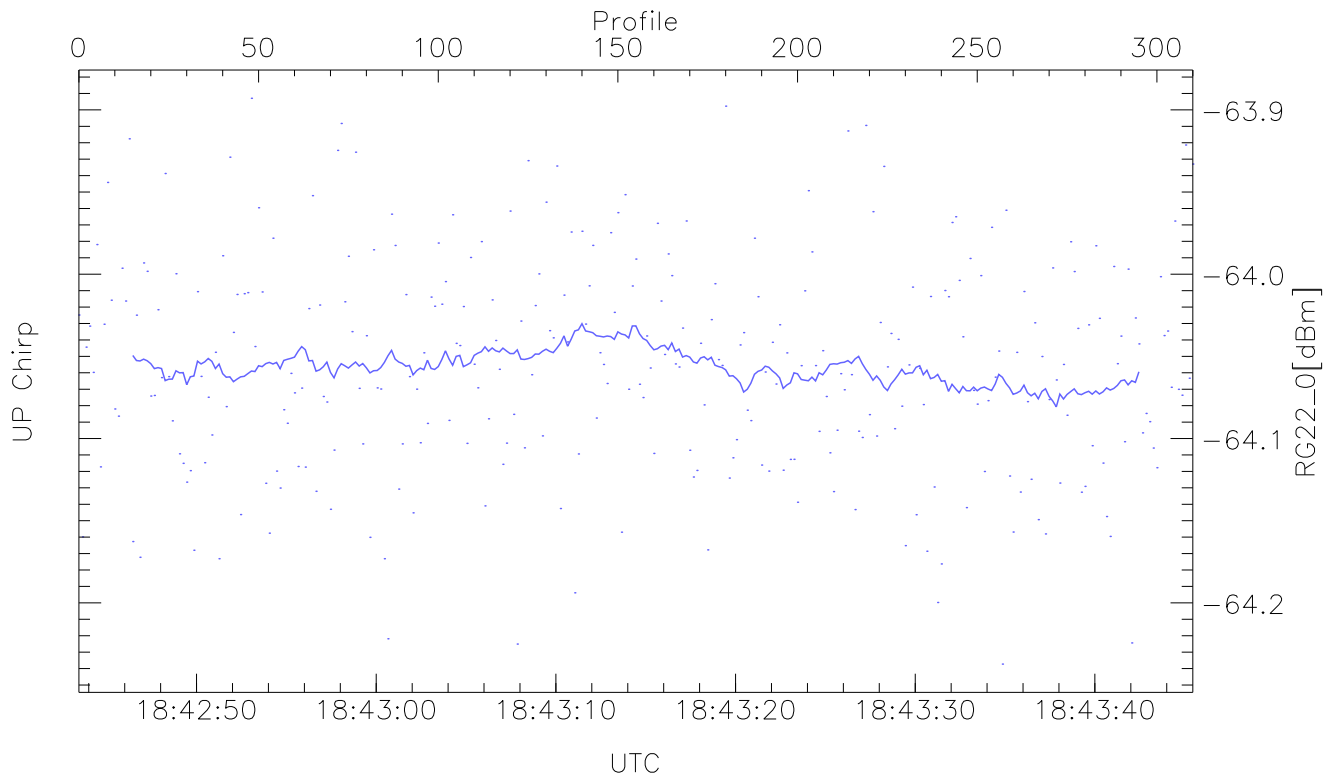
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-62.55	-62.19	-62.38	-62.38	-80.23
Chirp(HL [dBm])	-58.30	-58.08	-58.19	-58.19	-78.12
Pulse(WL [dBm])	-63.08	-62.70	-62.87	-62.87	-81.08
Pulse(HL [dBm])	-60.03	-59.80	-59.91	-59.91	-80.19



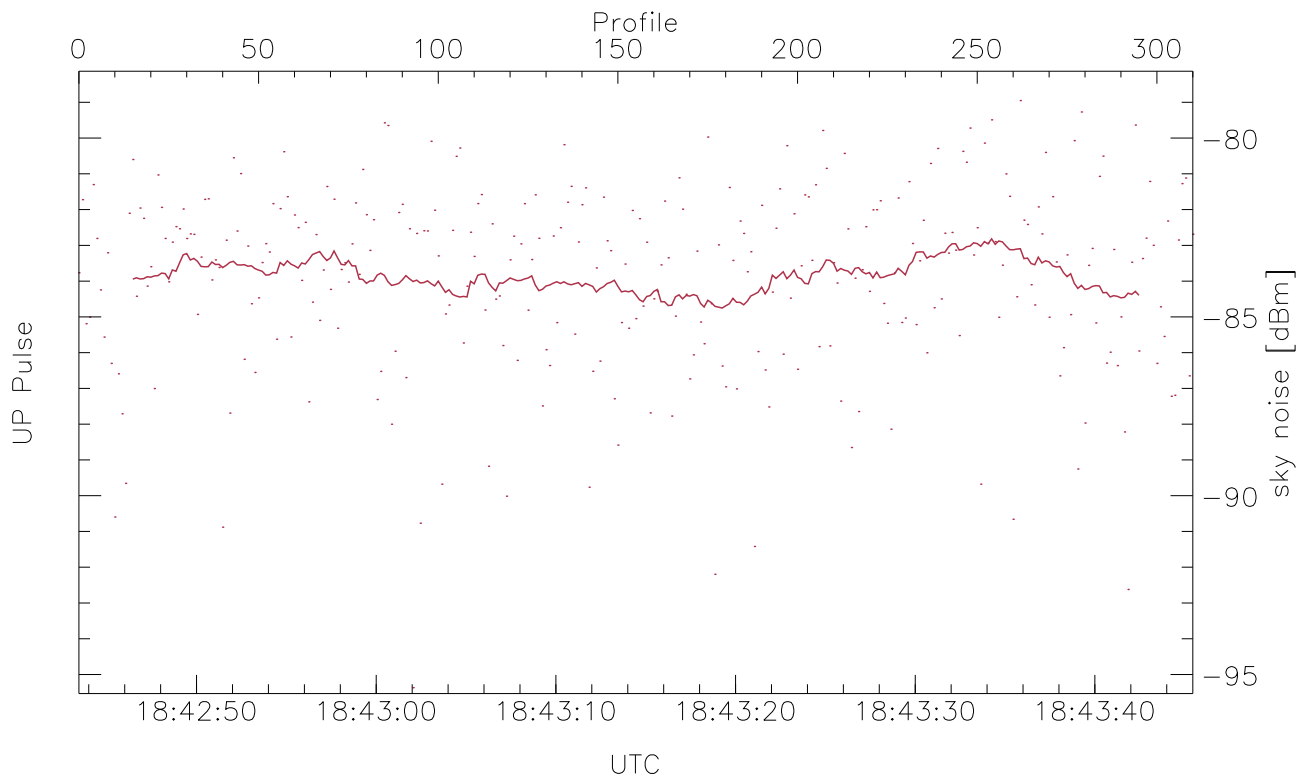
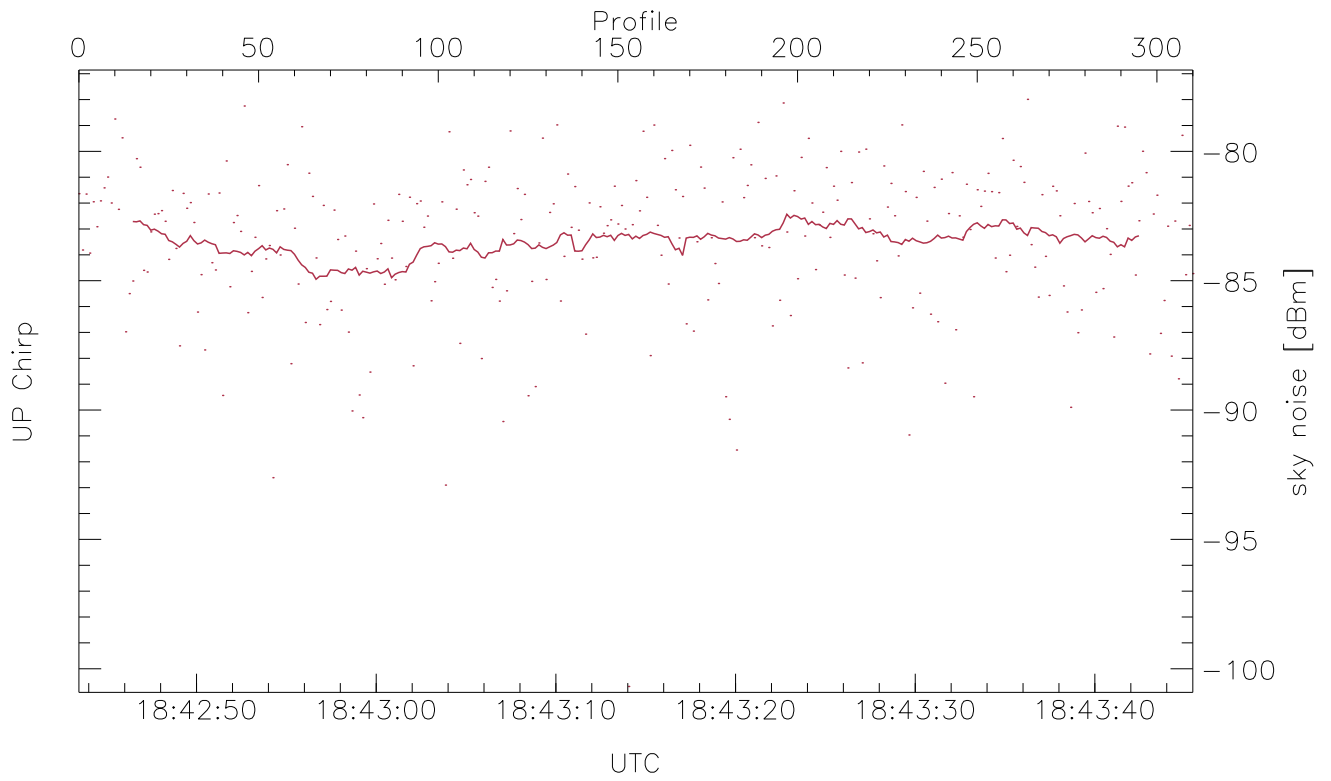
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-64.28	-63.88	-64.05	-64.05	-82.02
UP Pulse(dBm)	-65.00	-64.60	-64.84	-64.83	-82.96



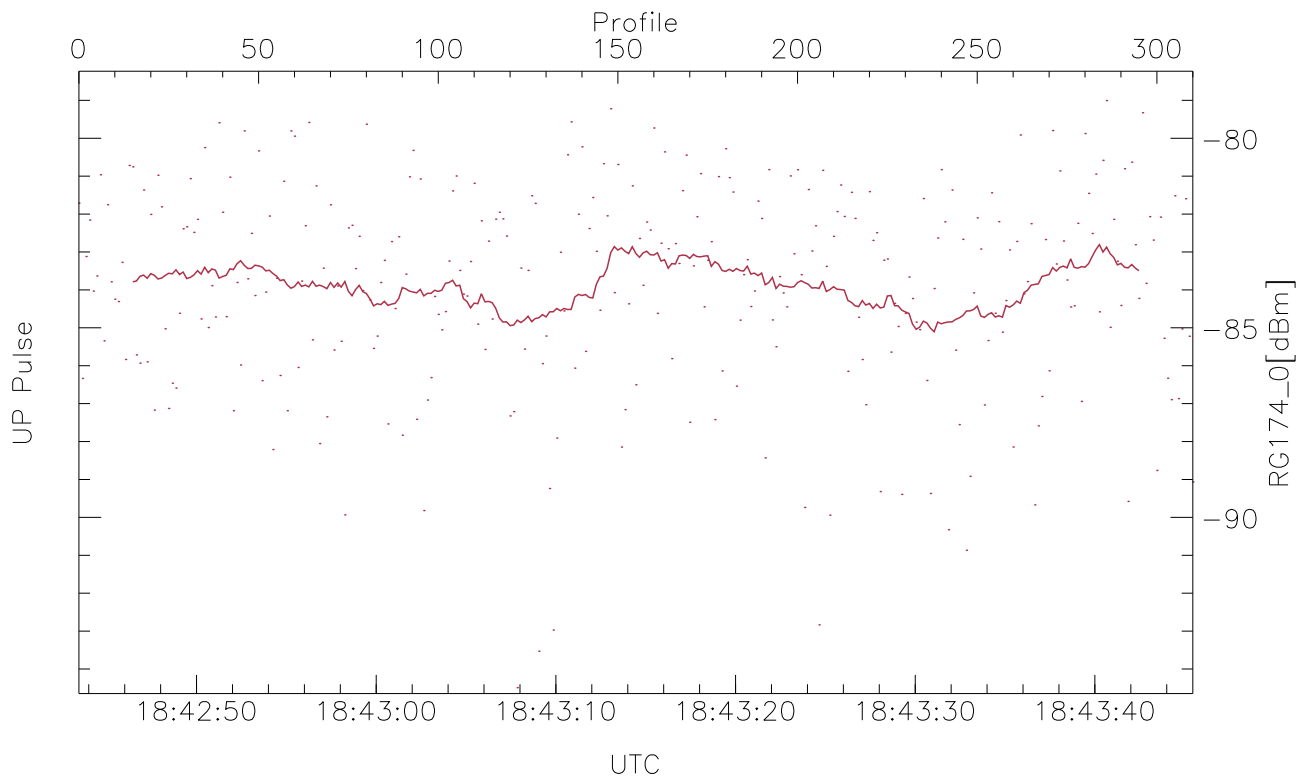
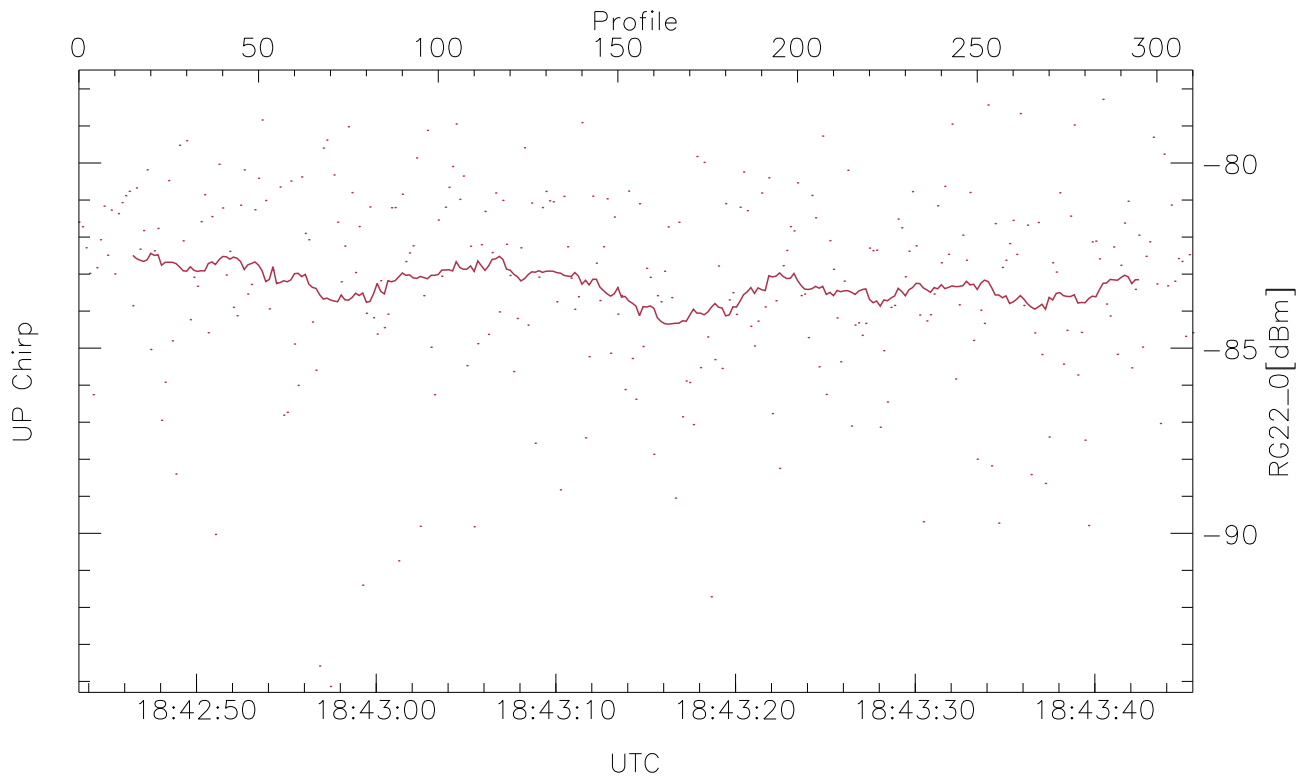
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RG22_0	-64.24	-63.89	-64.06	-64.06	-82.29
UP_P_RG174_0	-65.01	-64.66	-64.85	-64.86	-82.80



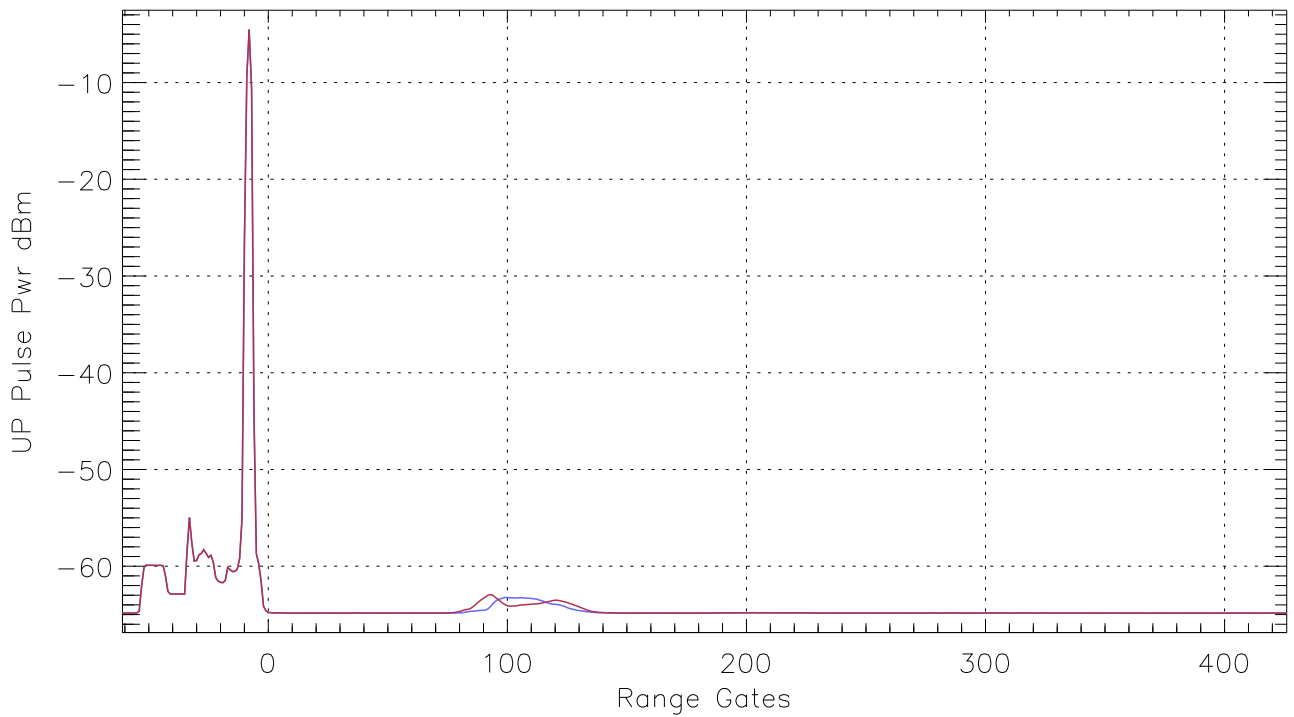
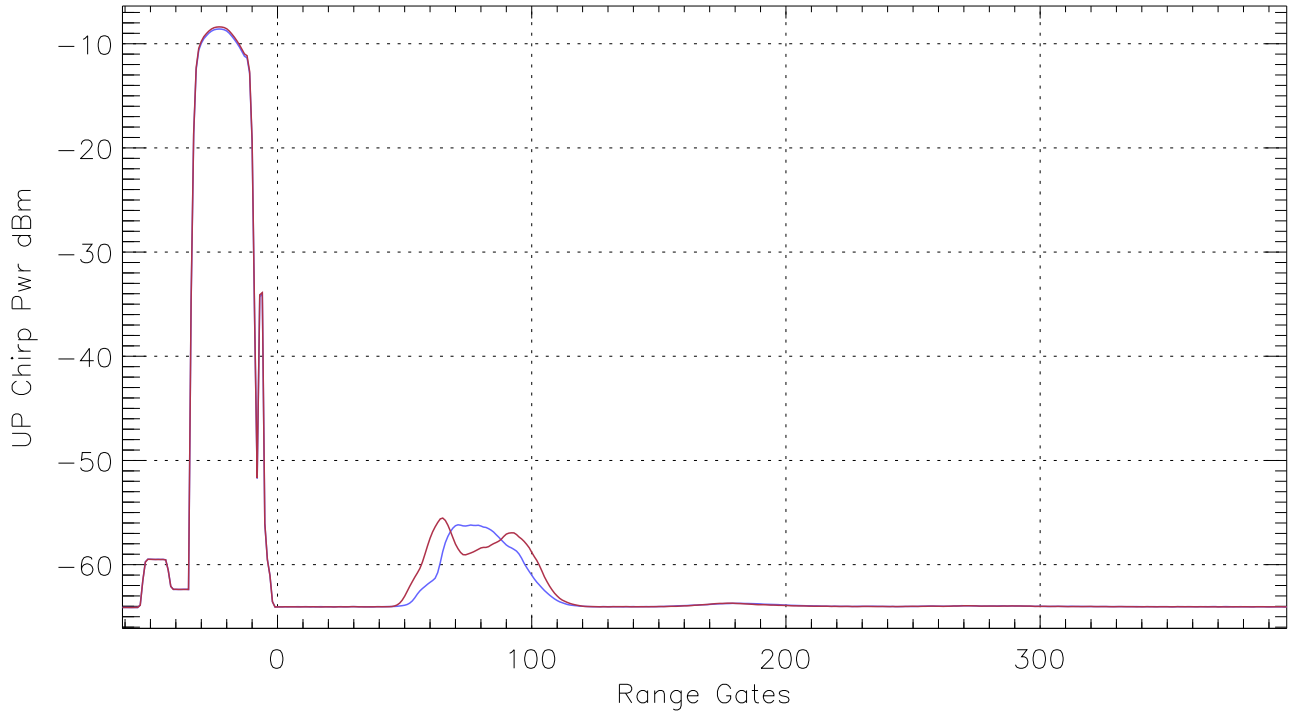
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-100.69	-77.99	-82.68	-82.86	-85.30
UP Pulse(dBm)	-95.37	-78.95	-83.25	-83.41	-86.26

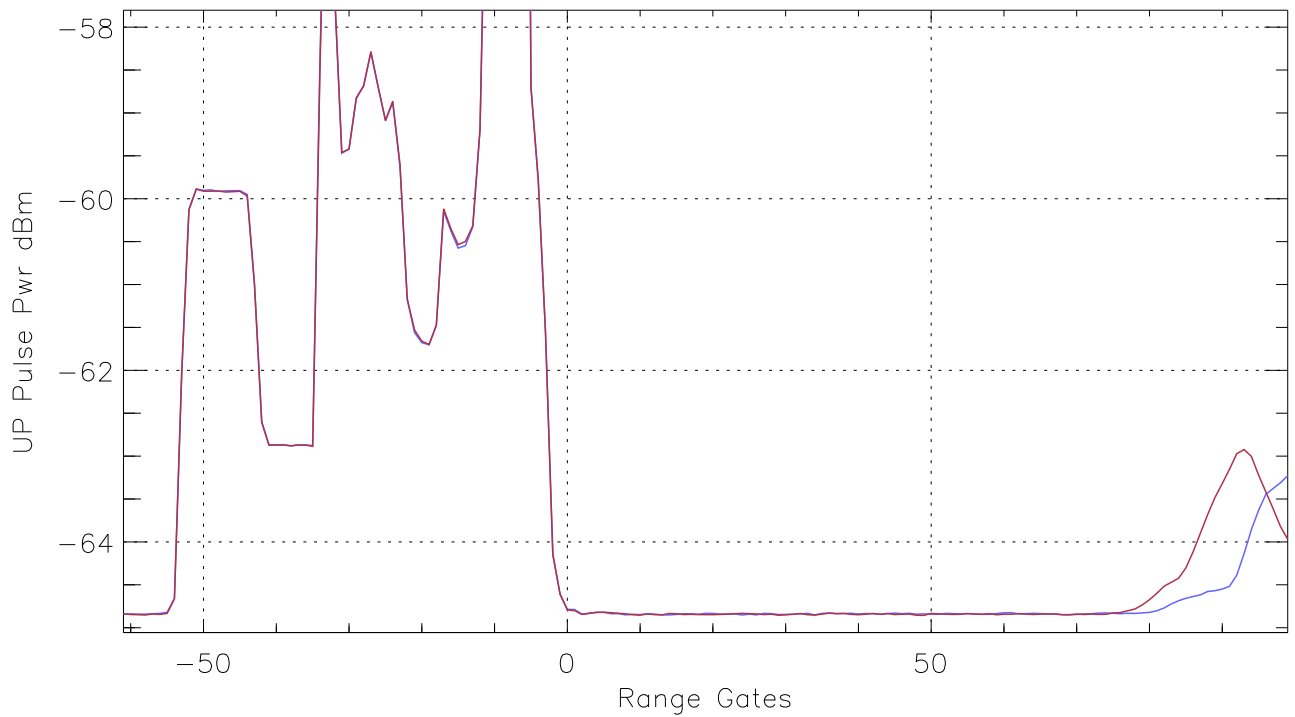
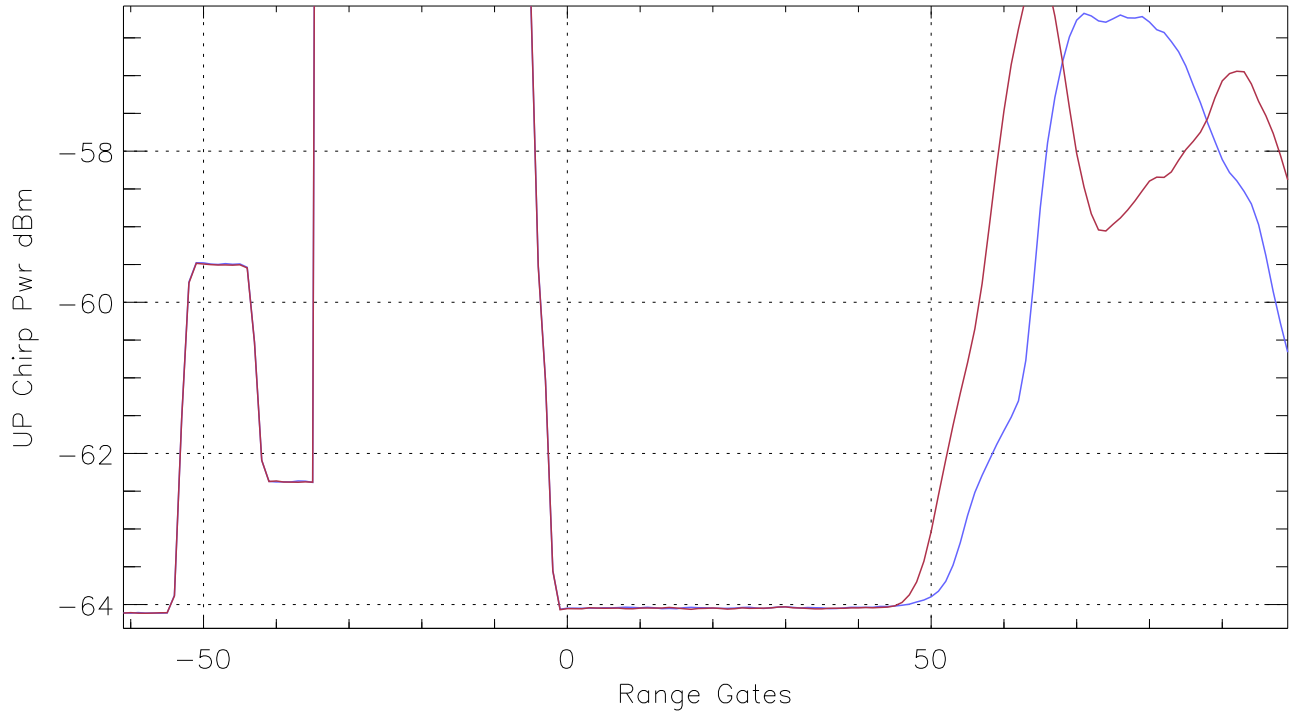


KPR SPP "Best" PPMAG noise (dBm):

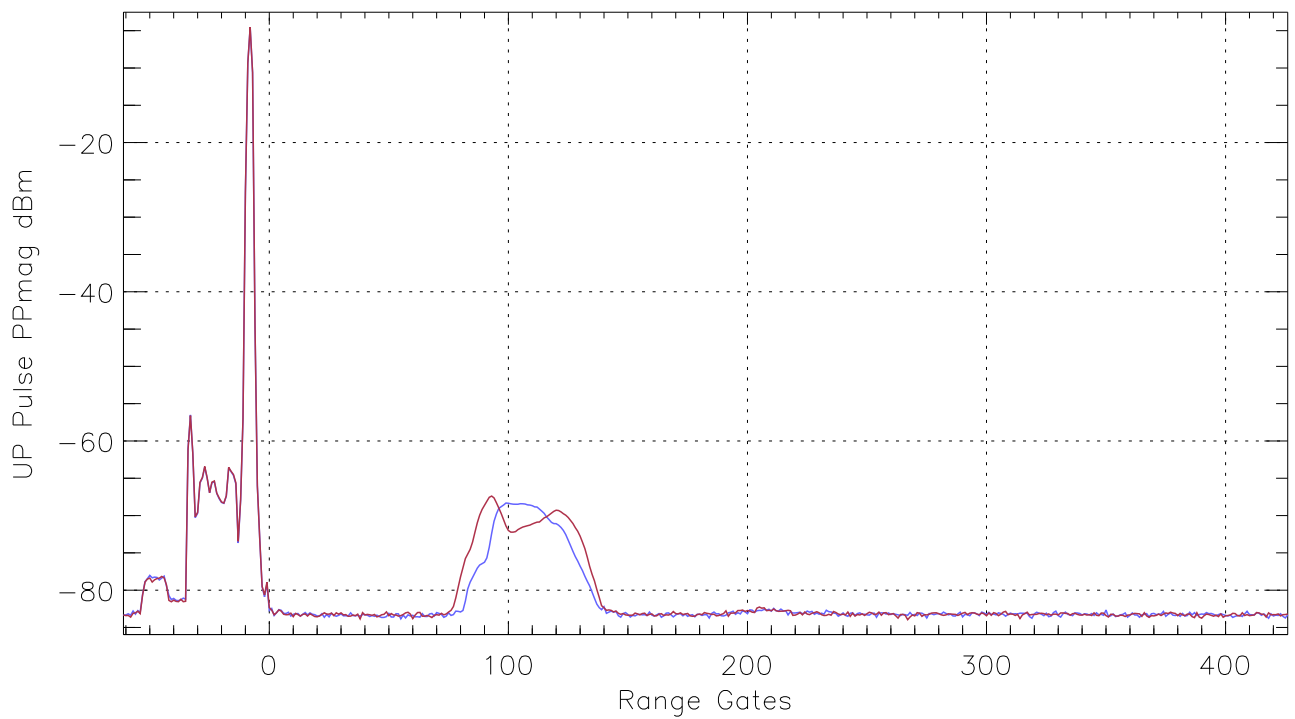
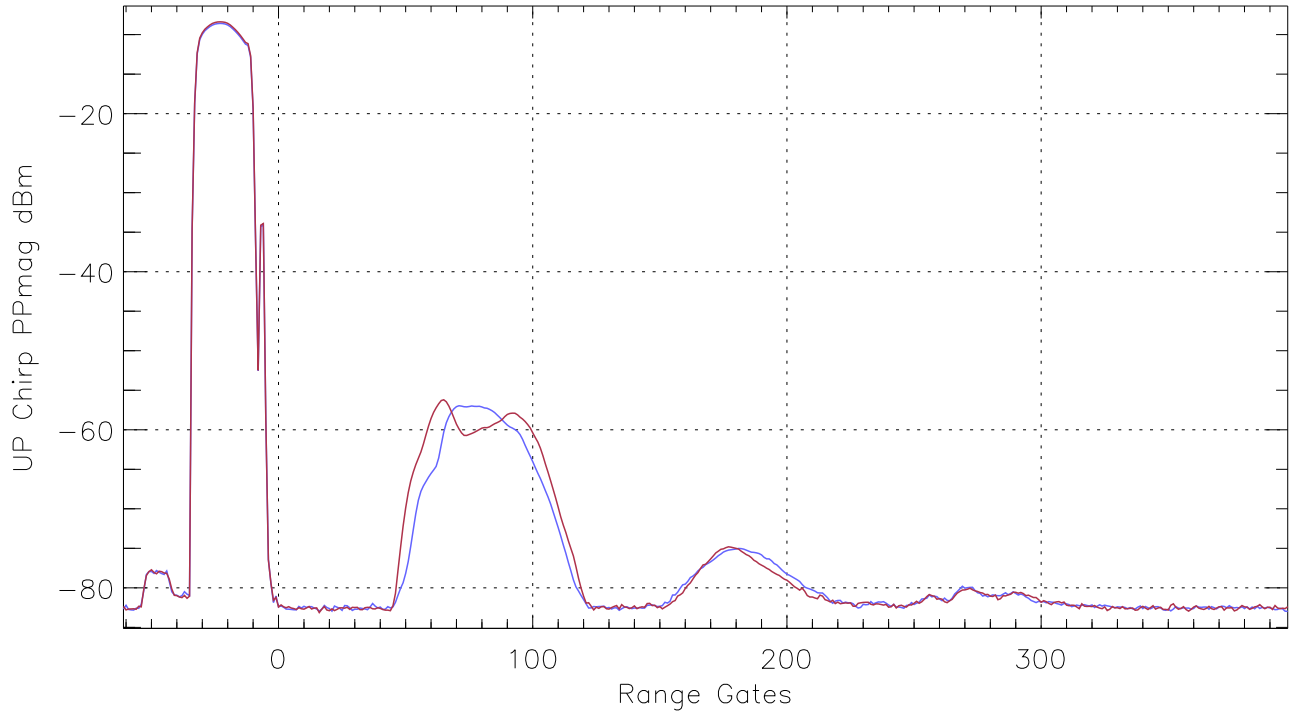
	Min	Max	Mean	Median	StDev
UP_C_RG22_0	-94.14	-78.28	-82.58	-82.85	-85.51
UP_P_RG174_0	-94.49	-79.01	-83.19	-83.60	-85.97



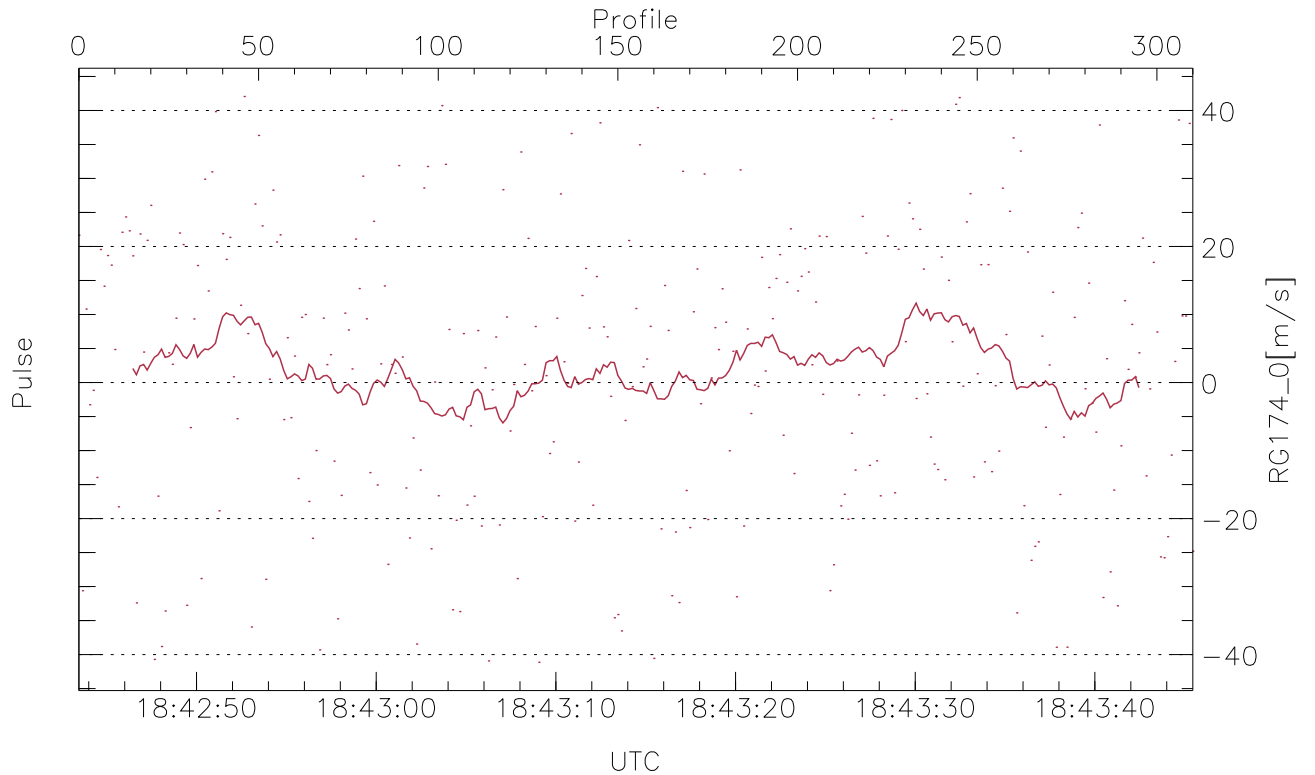
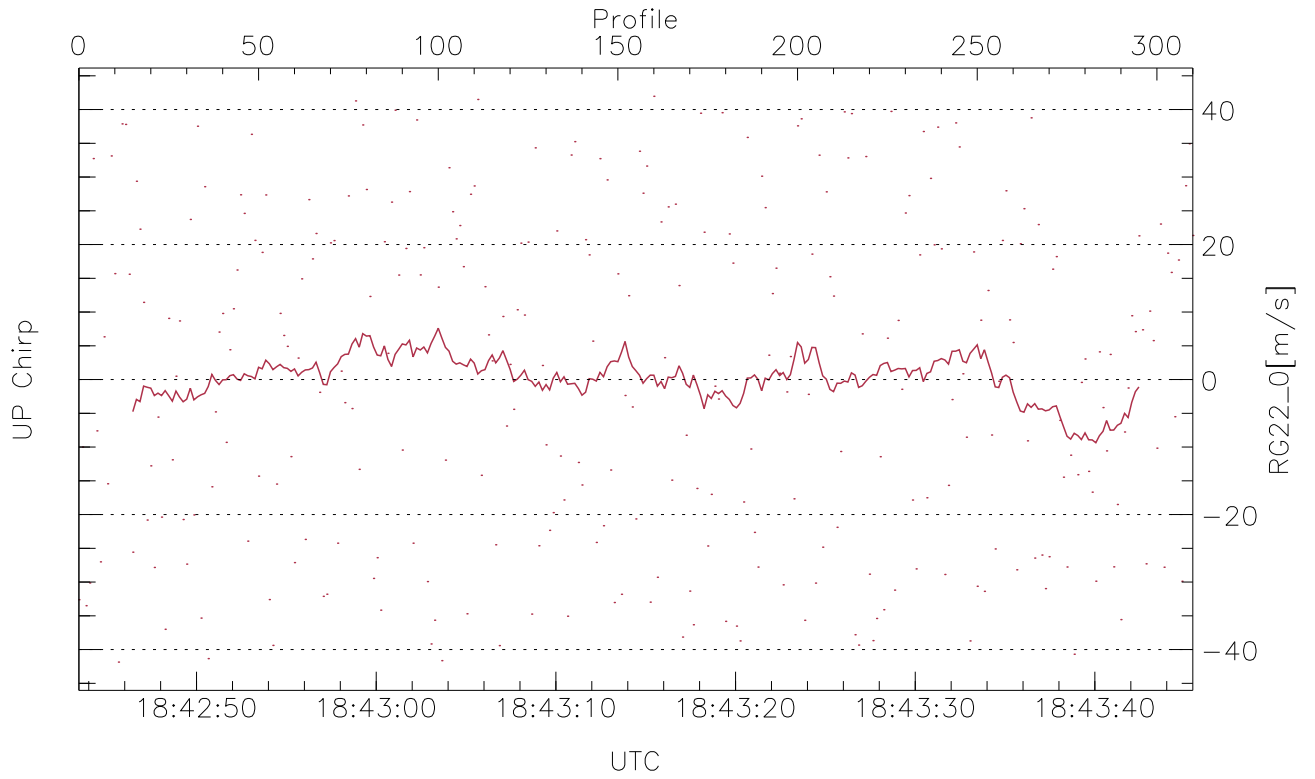
KPR SPP Averaged Received power for all recorded gates
blue: 184243-184314, 156 profiles averaged
red: 184314-184345, 156 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 184243-184314, 156 profiles averaged
red: 184314-184345, 156 profiles averaged

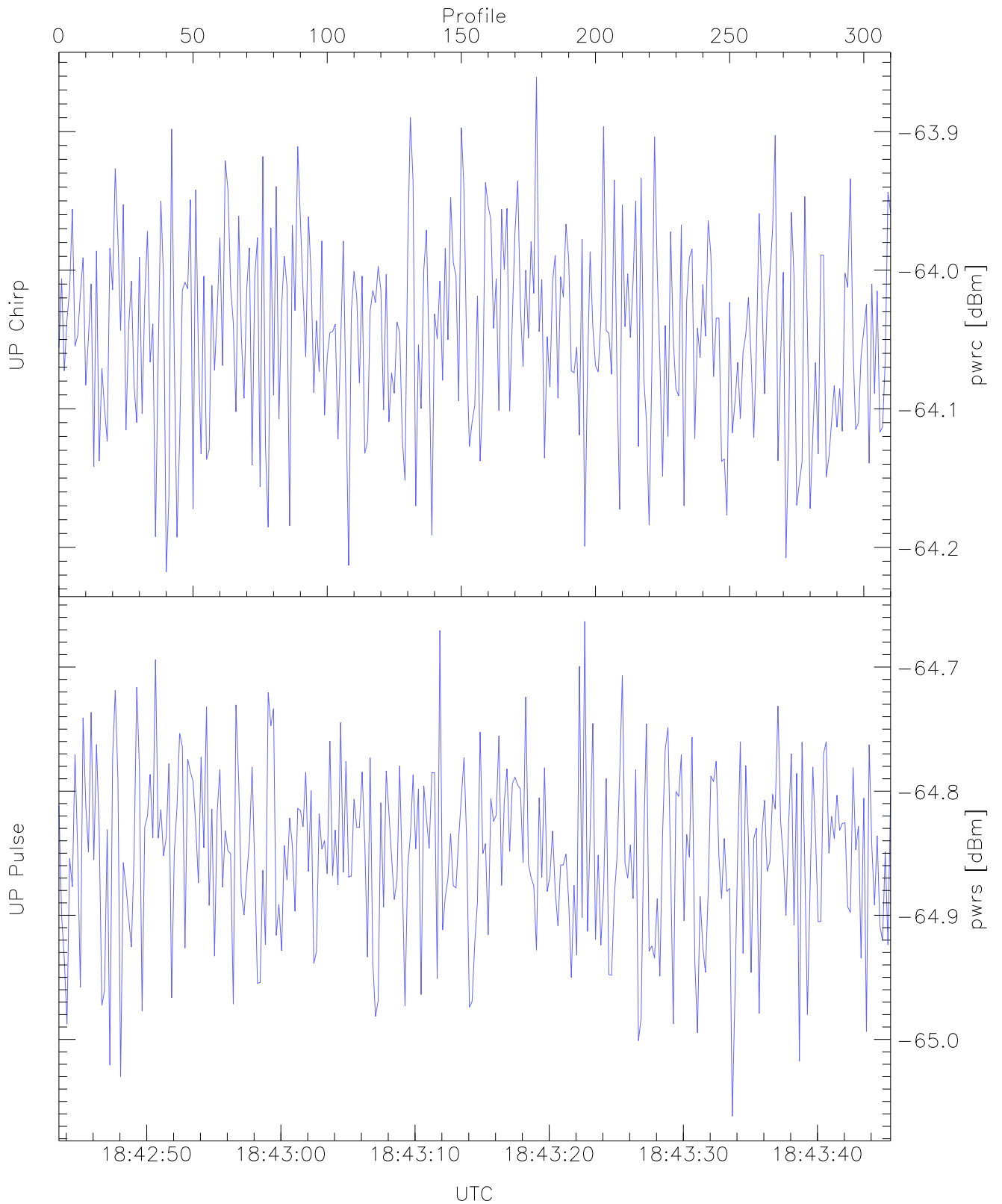


KPR SPP Averaged PP magnitude for all recorded gates
blue: 184243-184314, 156 profiles averaged
red: 184314-184345, 156 profiles averaged



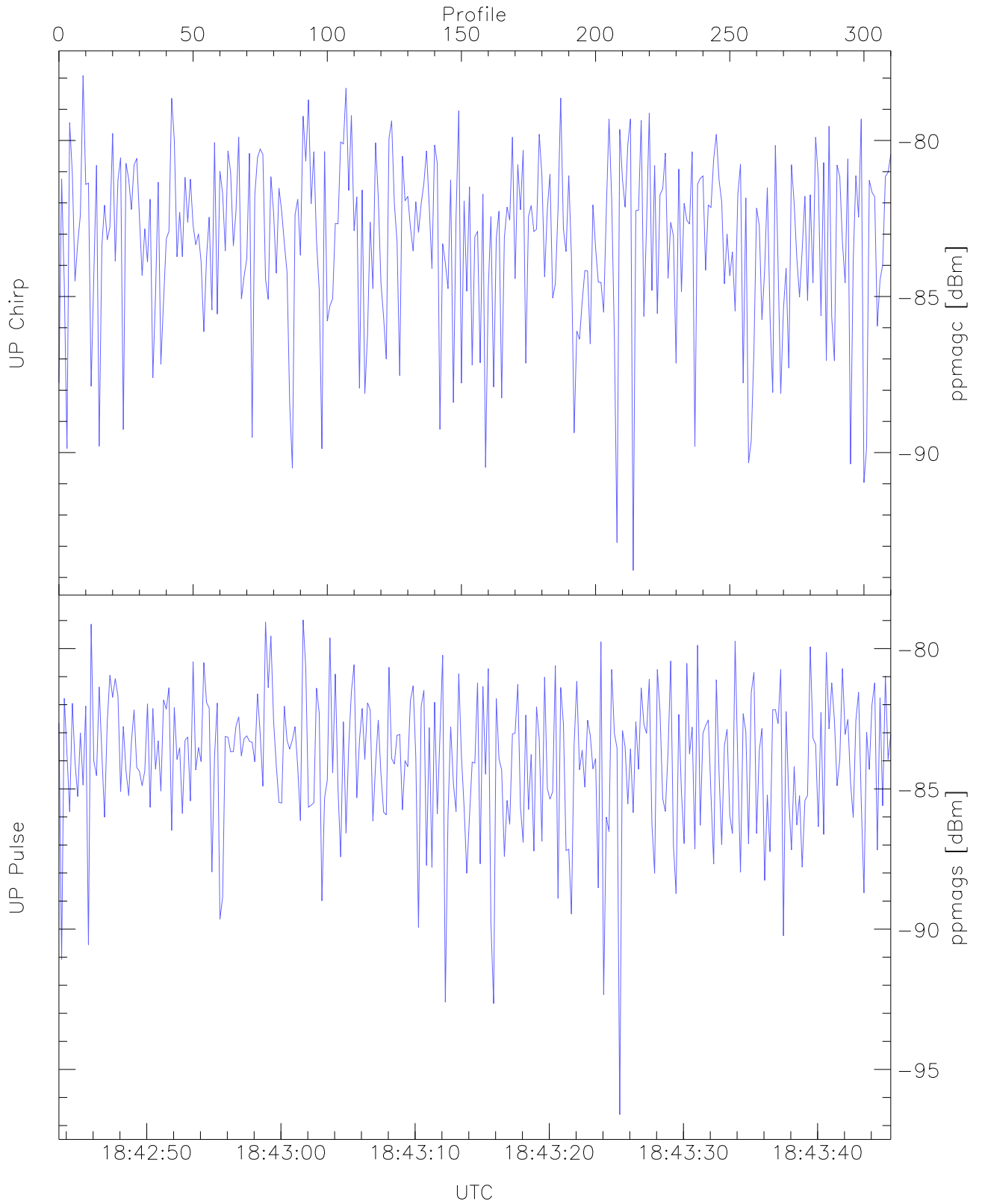
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RG22_0	-41.85	41.96	0.18	2.08	24.05
UP_P_RG174_0	-41.13	42.05	1.94	3.10	20.39



KPR SPP Received Power for Chirp Range gate 10 (686.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (270.7 m)

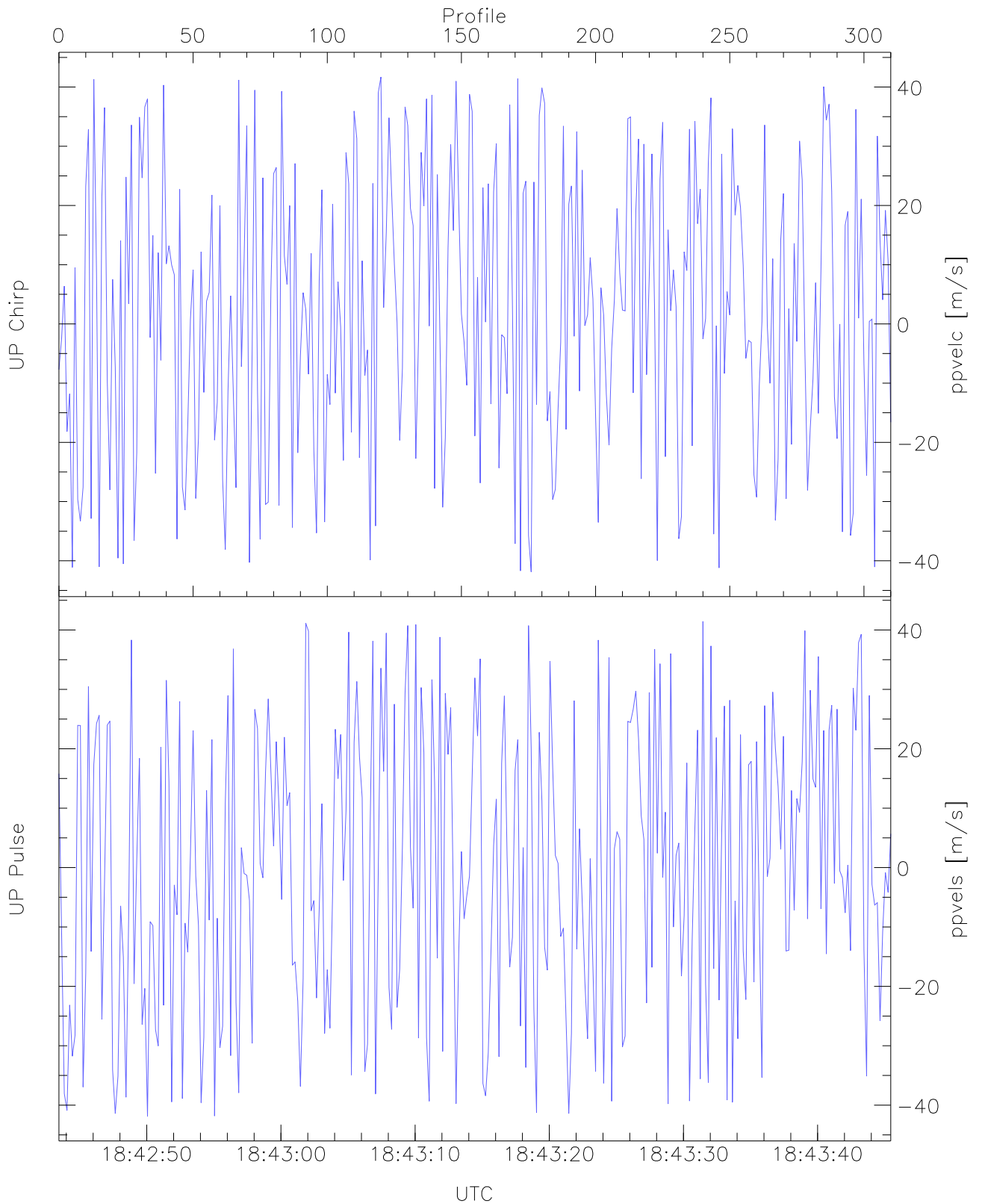
	Min	Max	Mean
UP Chirp(dBm)	-64.22	-63.86	-64.04
UP Pulse(dBm)	-65.06	-64.66	-64.85



KPR SPP PPMAG for Chirp Range gate 10 (686.2 m)

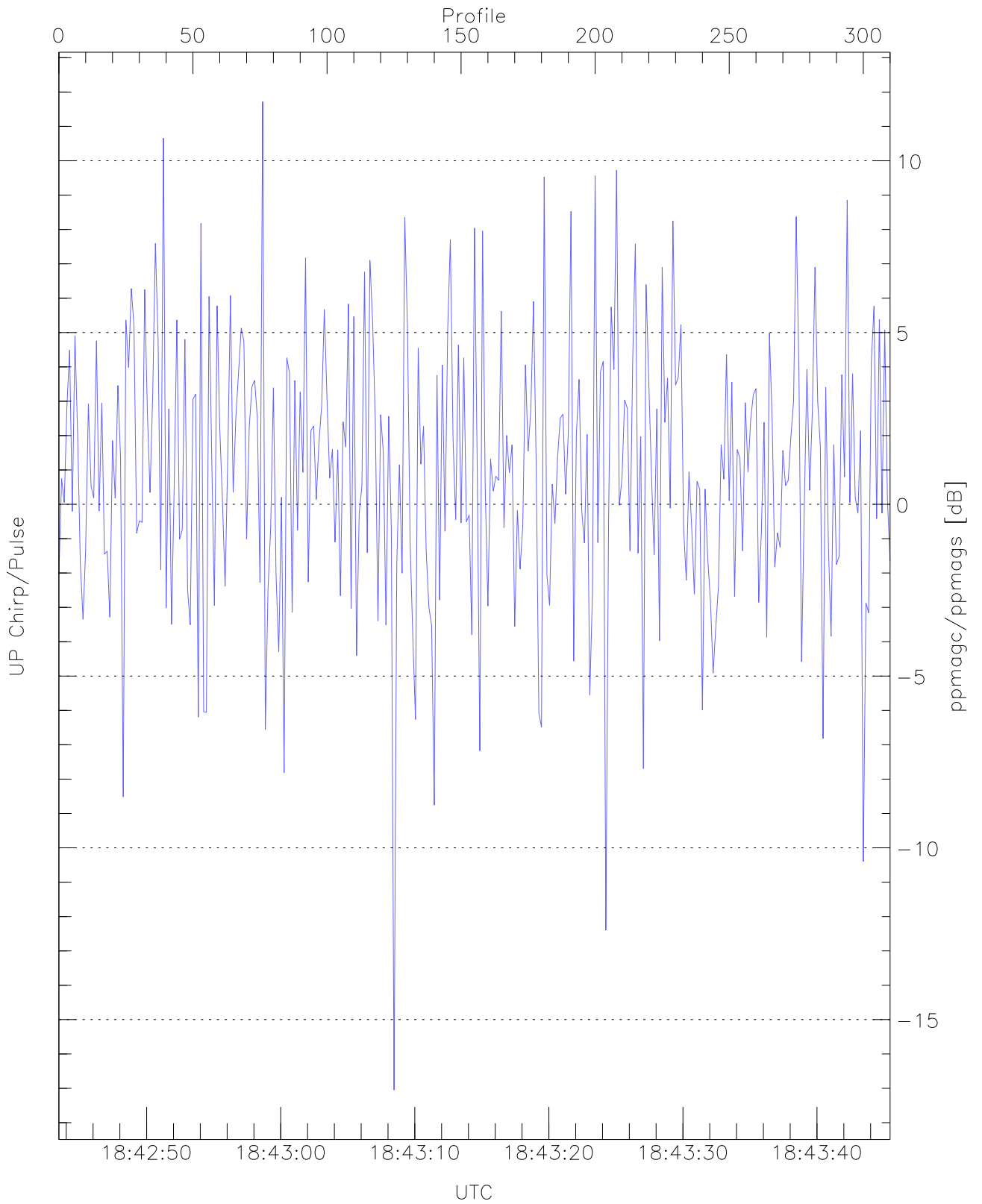
KPR SPP PPMAG for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(dBm)	-93.77	-77.92	-82.51
UP Pulse(dBm)	-96.61	-78.98	-83.39



KPR SPP PPVEL for Chirp Range gate 10 (686.2 m)
 KPR SPP PPVEL for Pulse Range gate 10 (270.7 m)

	Min	Max	Mean
UP Chirp(m/s)	-41.87	41.69	2.22
UP Pulse(m/s)	-41.86	41.45	-0.32



KPR SPP PPMAG Chirp/Pulse; Range gate: 551.3m /570.5m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-17.05	11.72	2.60