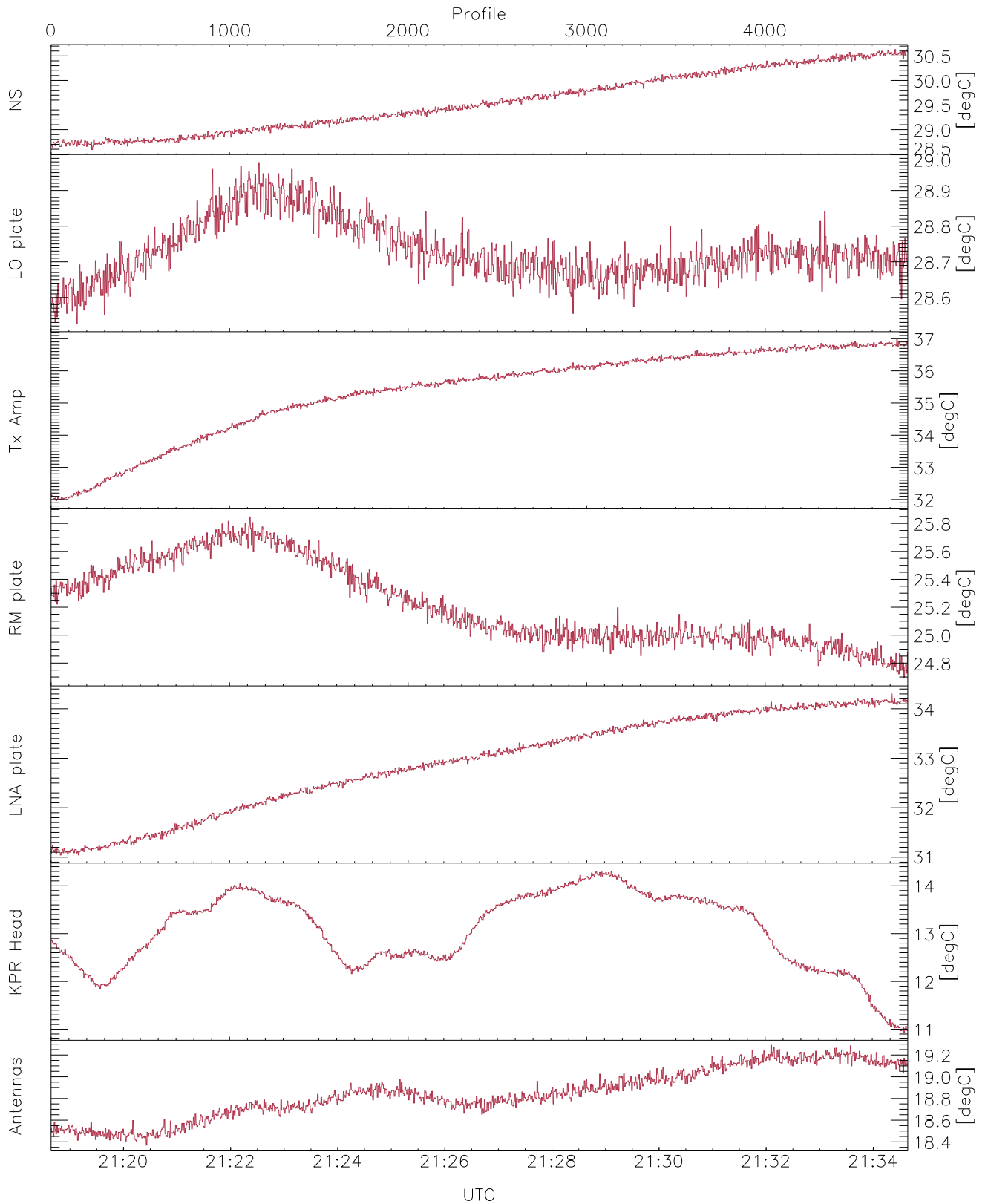


KPR SPP; Ant(s): UP; Radiometer: OFF
 UTC: 21:18:39-21:41:14, TimeCor: 0.00s, Dur: 959.88s
 TimeInt(min,max,mn,std): 199.9,200.1,200.0,0.0 ms; PPS: 5.0
 NumRec(r/t): 4800/6778, 0-4799/21:18:39-21:34:39
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 41.2 KB/s
 Pulse: 618 ns, Chirp: 6.18 us, DRxIF: 2.0 MHz
 PRF: 18.5 KHz, avgPulses: 3704, avgPP: 3703
 NyquistVel: 38.9 m/s, RangeRes:75.0 m
 Pulse Range(min,max): 159, 6529 m, Gates: 171
 Chirp Range(min,max): 1210, 6494 m, Gates: 142
 RangeGateSampling: 37.5 m, Aspect: 2.1

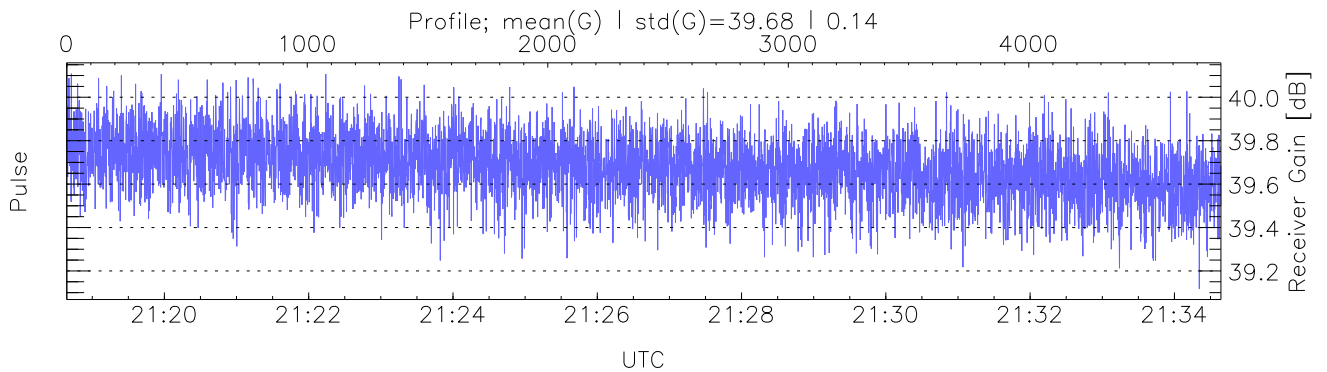
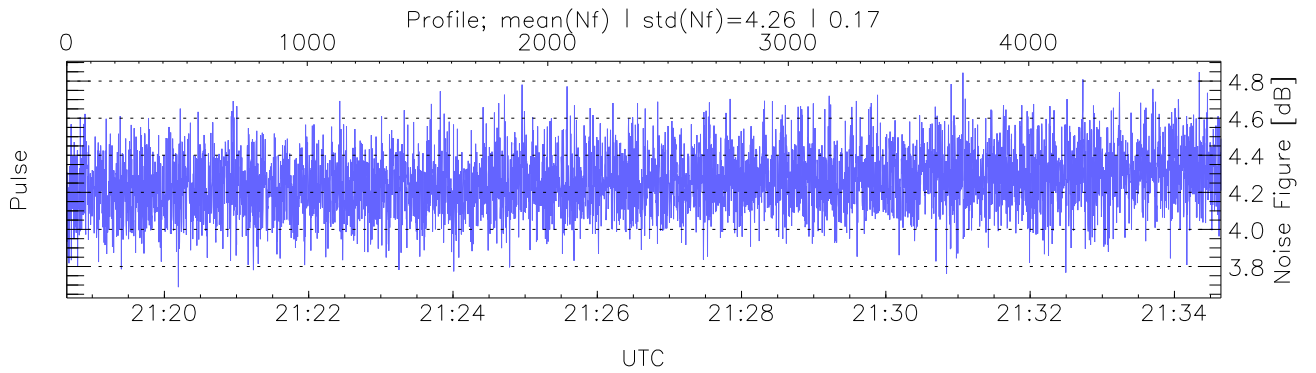
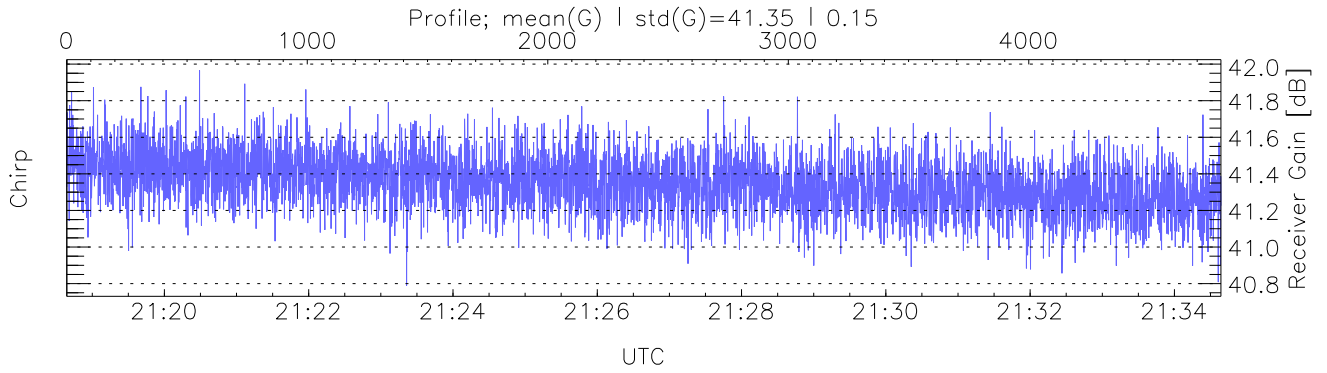
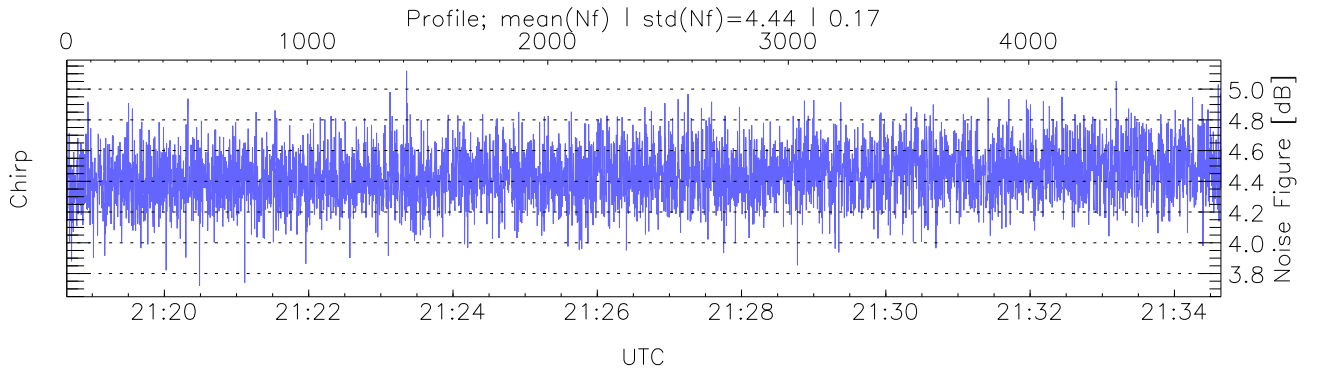


KPR SPP Temperatures, Power Supplies, PLO lock:

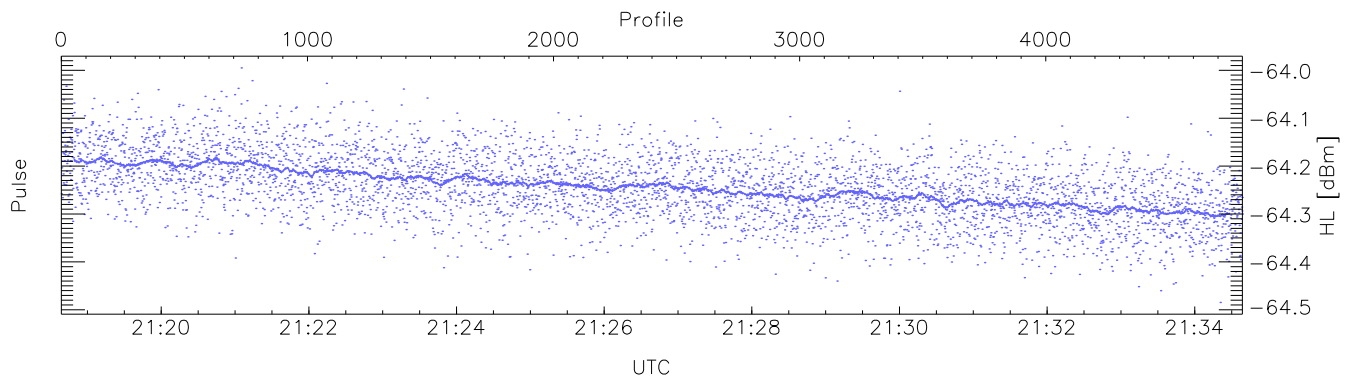
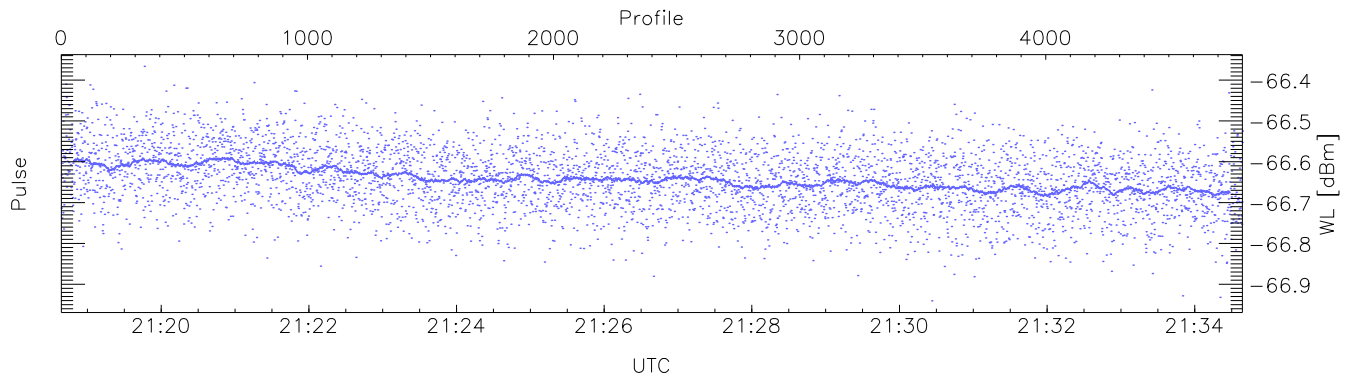
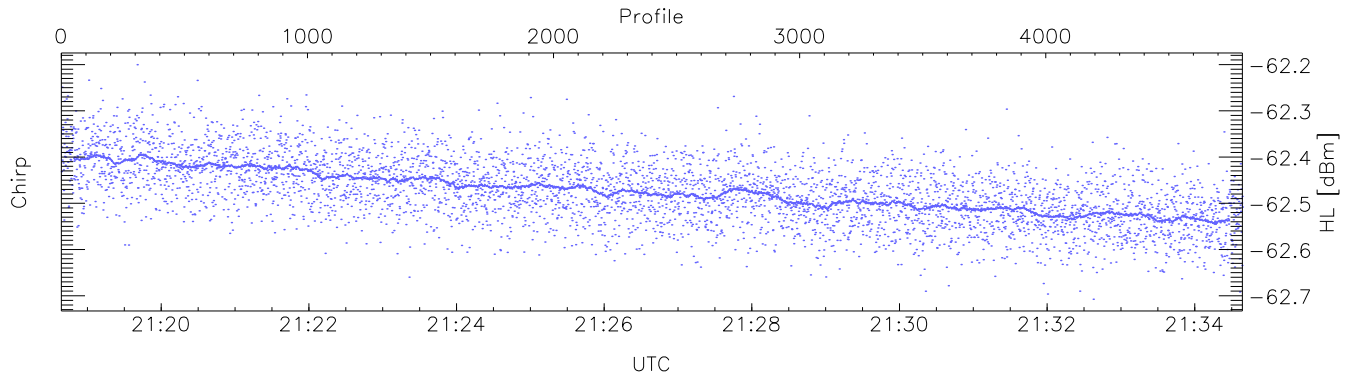
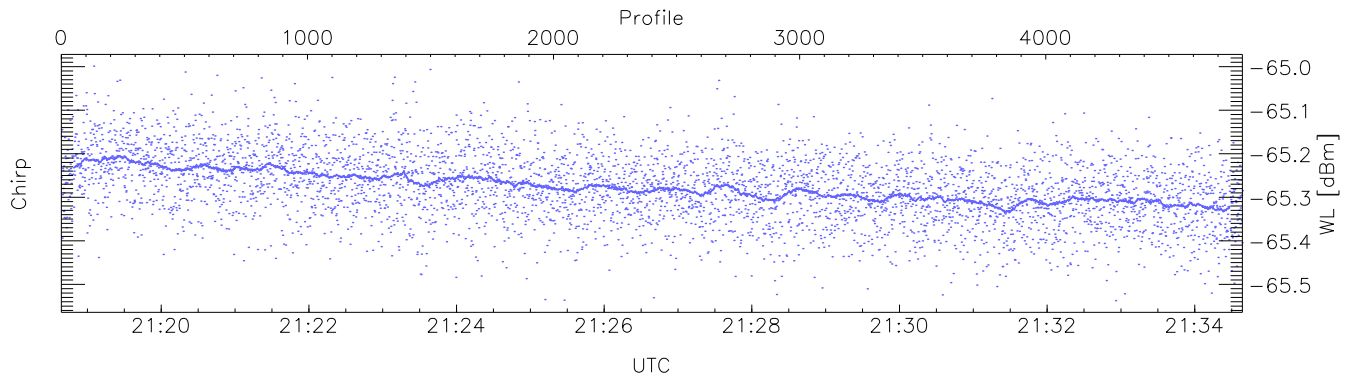
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	28.6,	28.5,	32.0,	24.7,	31.0,	10.9,	18.4
maxtempC:	30.6,	29.0,	37.0,	25.8,	34.3,	14.3,	19.3
meantempC:	29.6,	28.7,	35.4,	25.2,	32.9,	13.1,	18.8

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.08,	11.65,	7.87,	5.22
maxVDC:	27.63,	11.72,	7.89,	5.23
meanVDC:	26.98,	11.68,	7.88,	5.23

PLO(3.84,15.84 GHz) unlocked: None

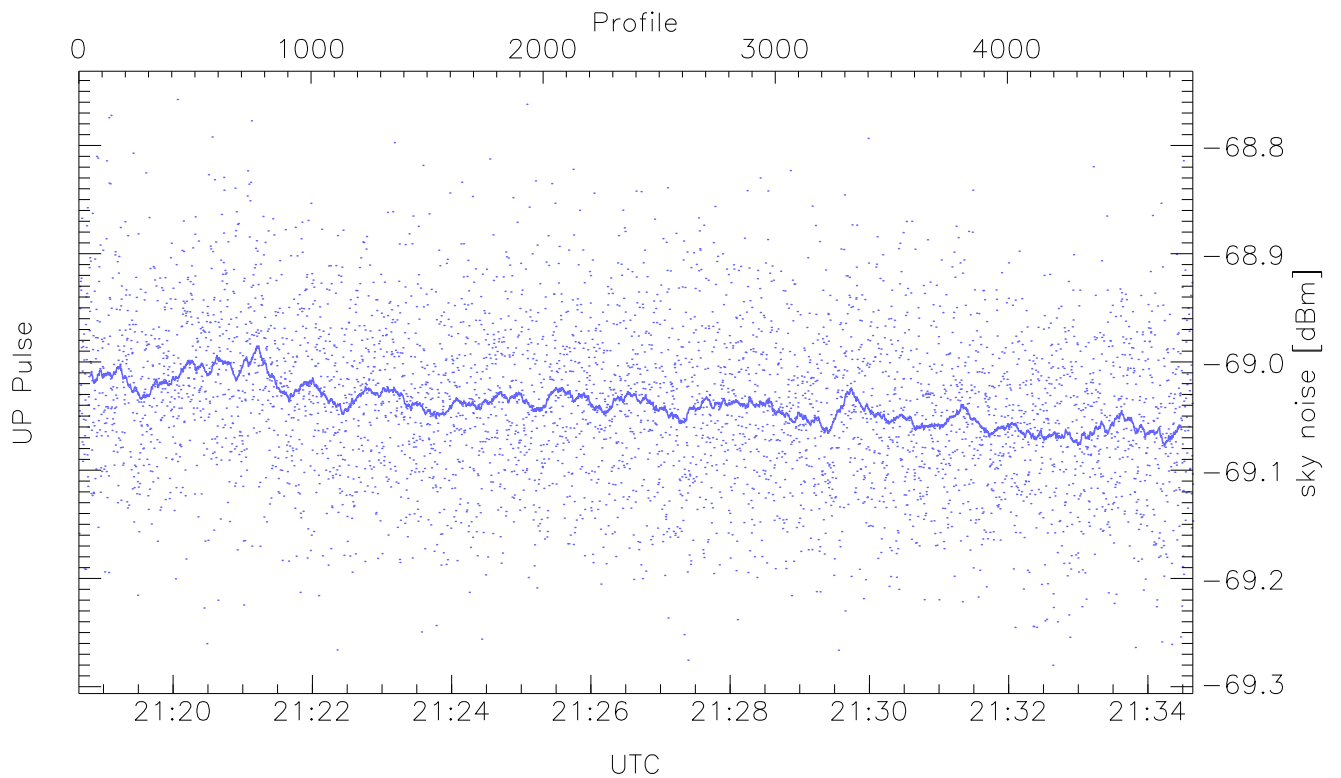
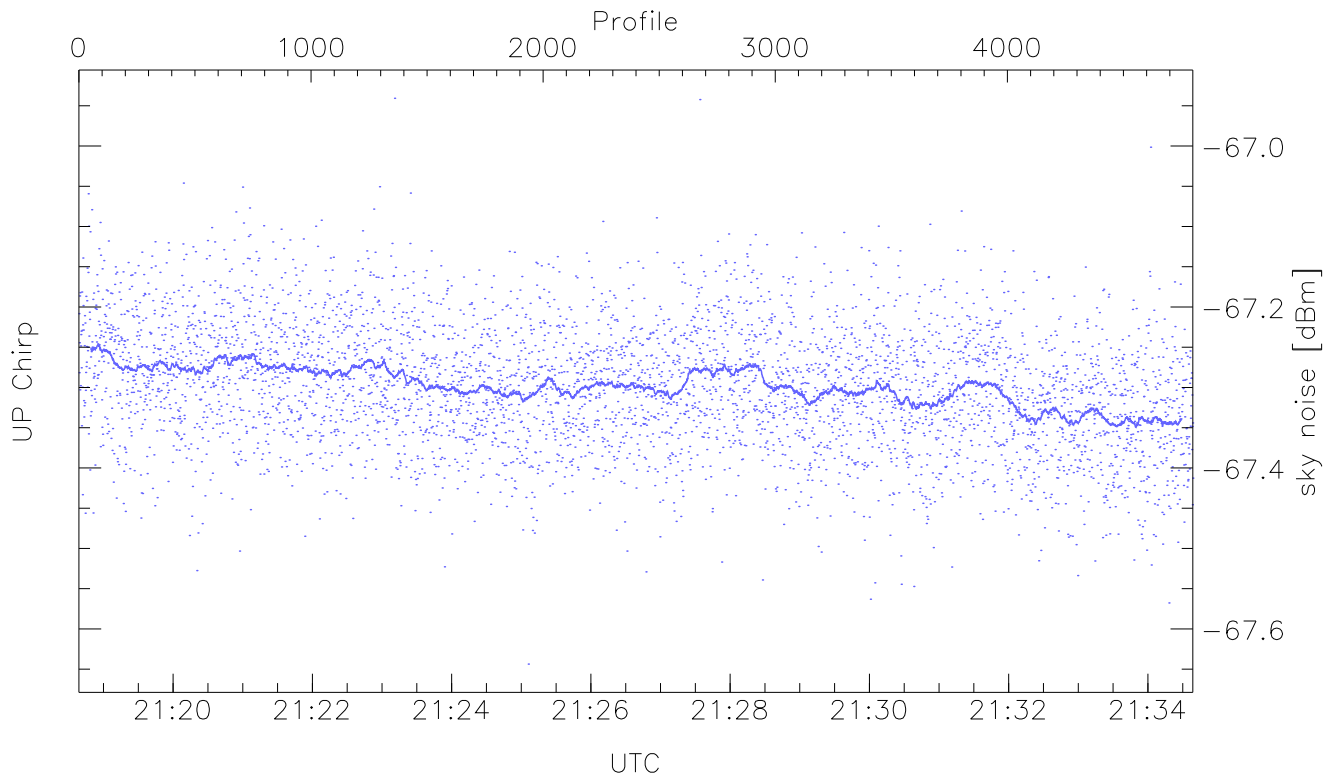


KPR SPP Receiver Gain and Noise Figure



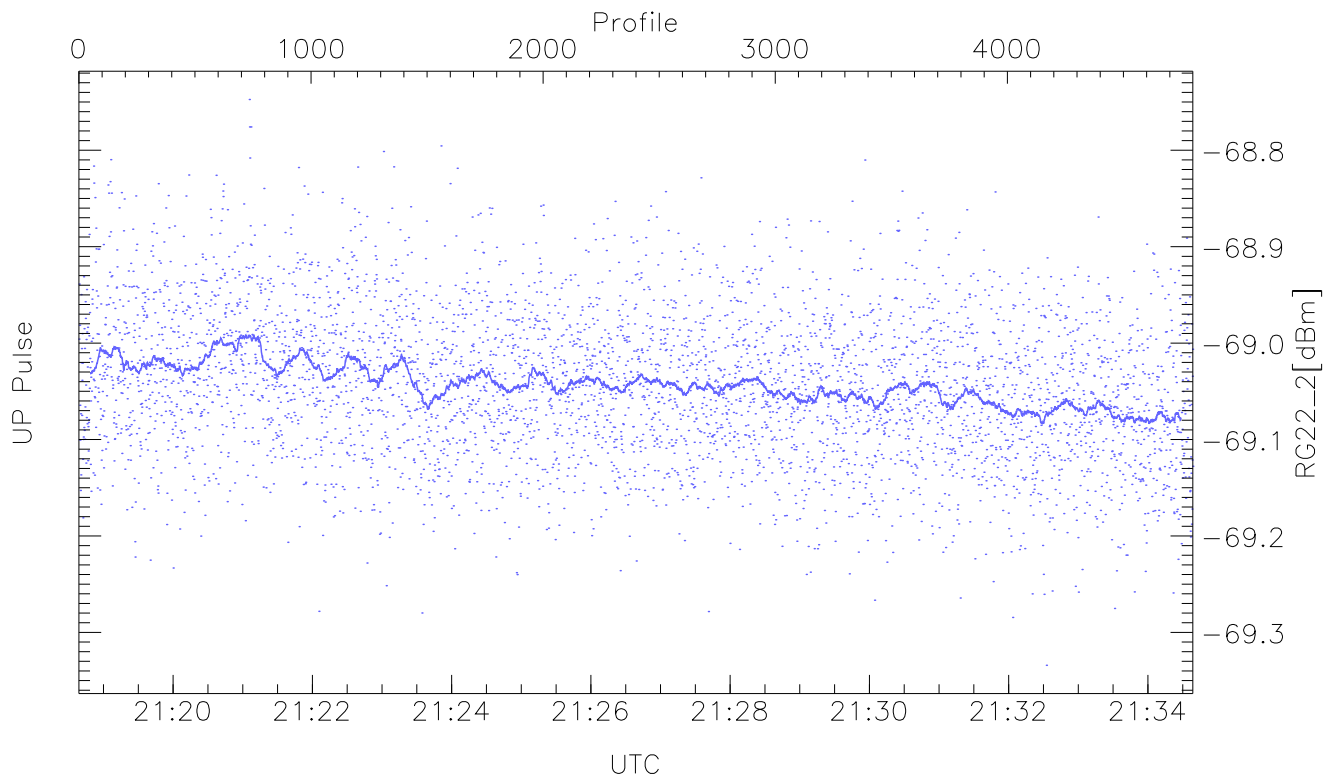
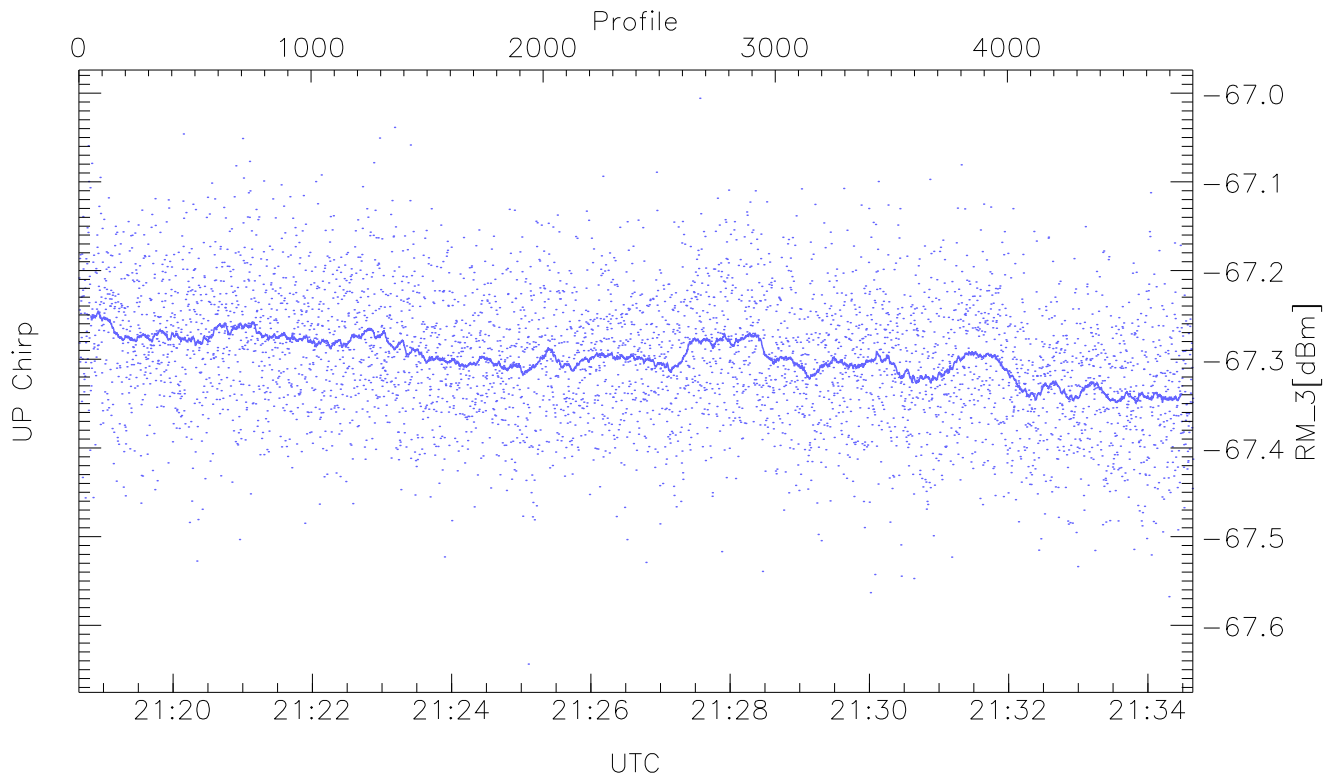
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-65.54	-65.00	-65.28	-65.28	-82.71
Chirp(HL [dBm])	-62.71	-62.20	-62.47	-62.48	-80.34
Pulse(WL [dBm])	-66.94	-66.37	-66.64	-66.64	-84.22
Pulse(HL [dBm])	-64.48	-64.00	-64.24	-64.24	-82.35



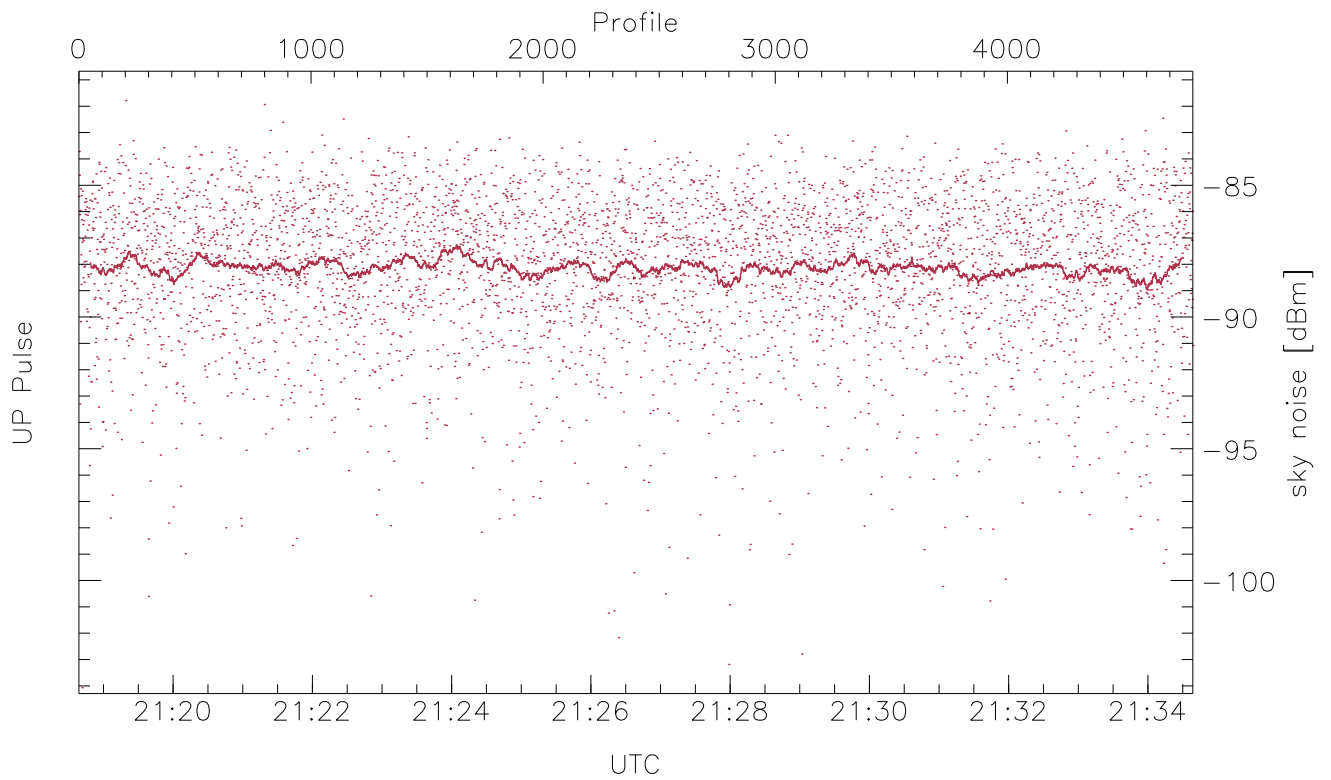
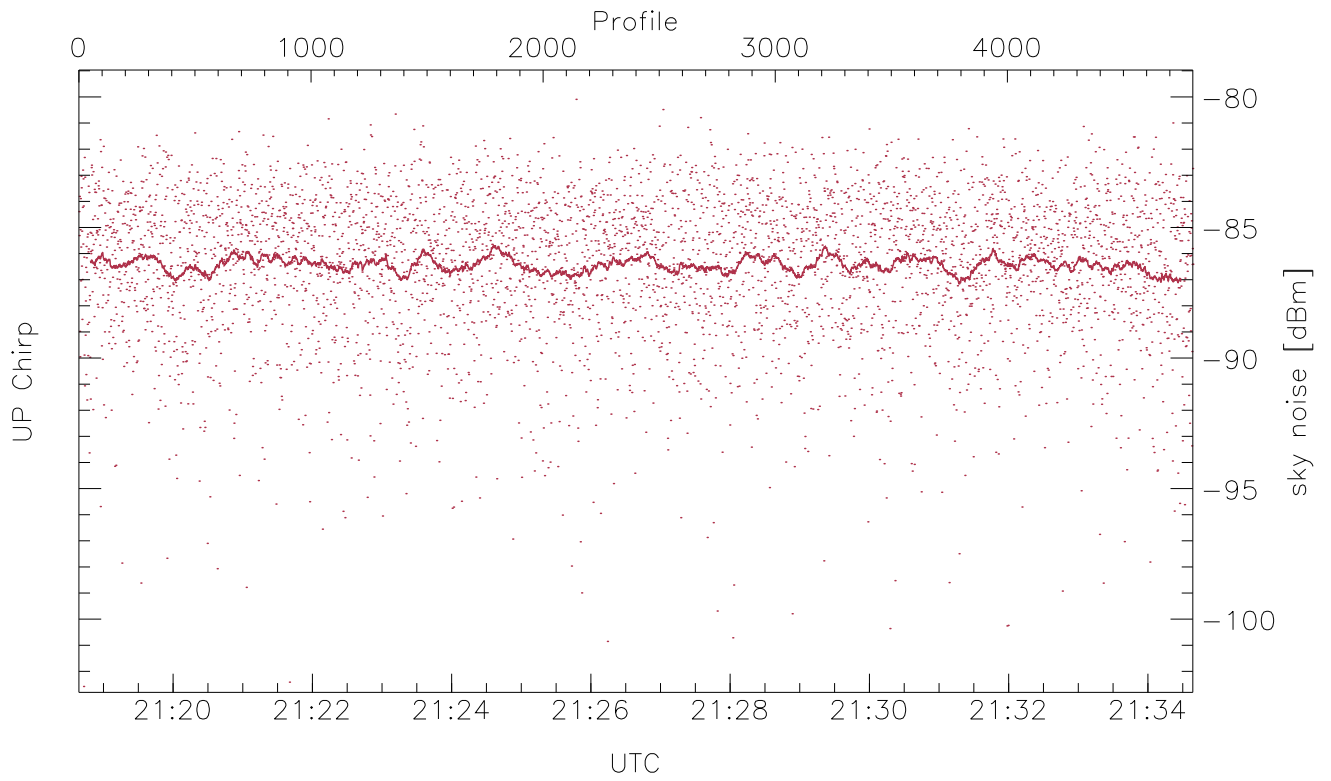
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-67.64	-66.94	-67.30	-67.30	-84.87
UP Pulse(dBm)	-69.28	-68.76	-69.04	-69.04	-86.62



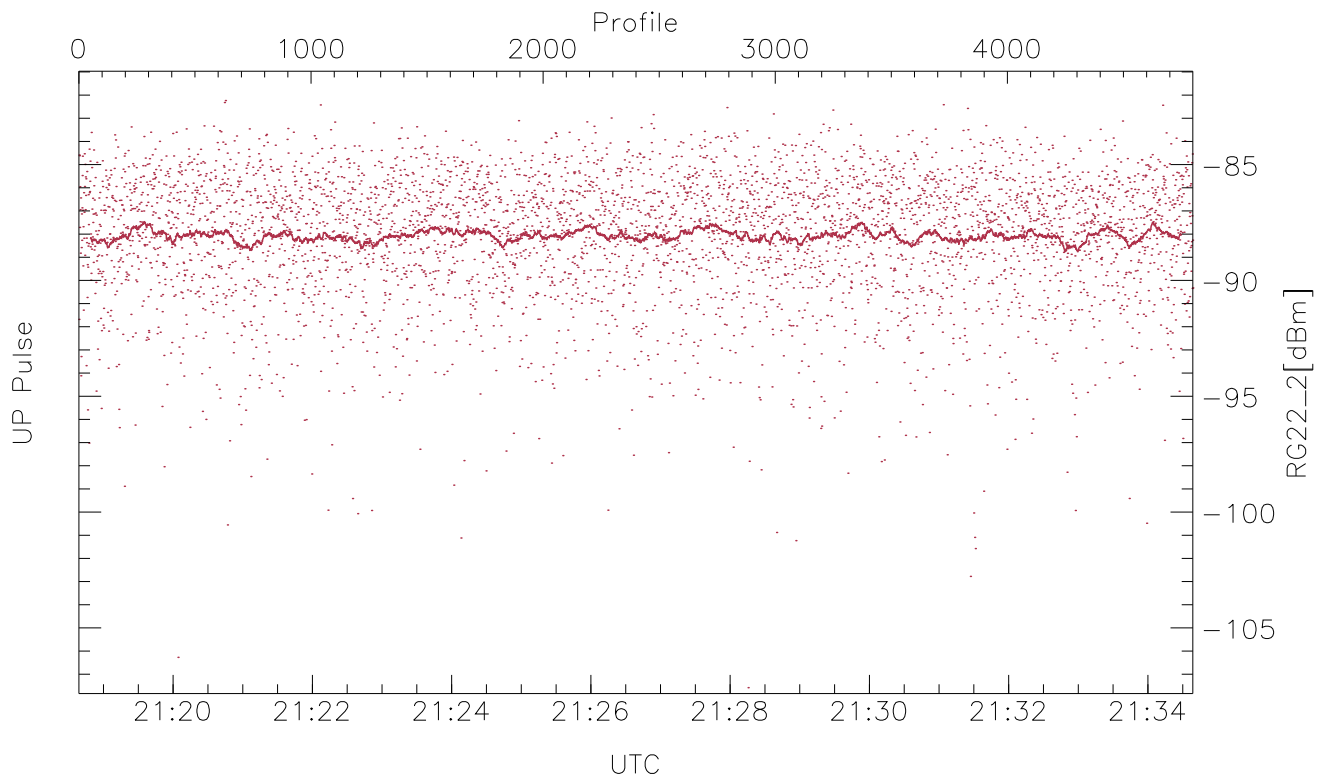
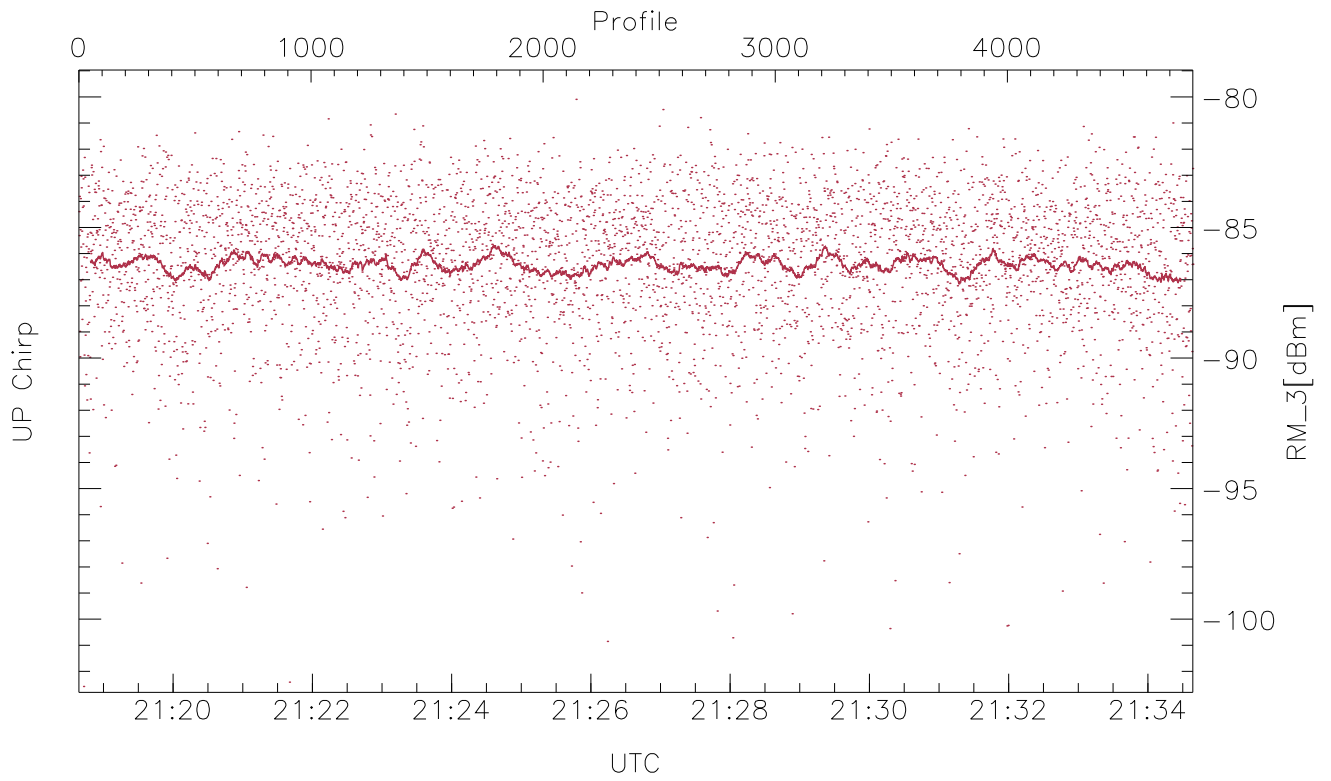
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RM_3	-67.64	-67.01	-67.30	-67.30	-84.89
UP_P_RG22_2	-69.33	-68.75	-69.04	-69.04	-86.63



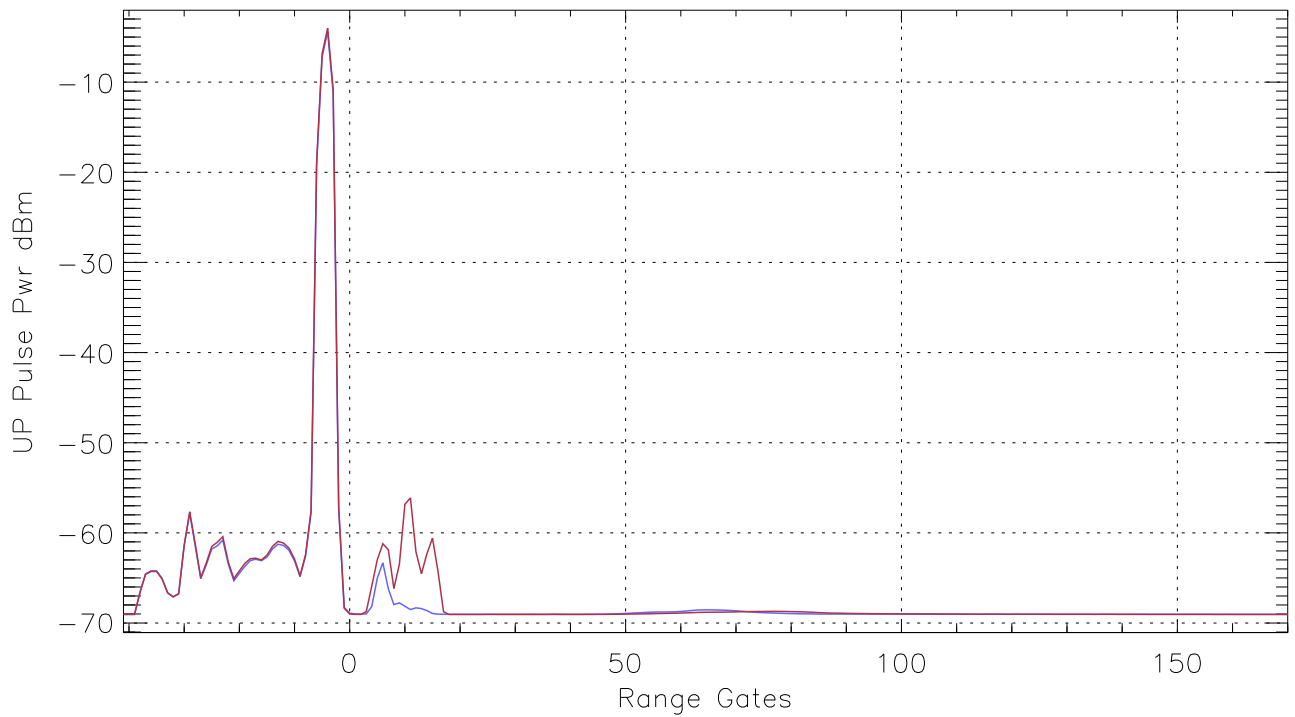
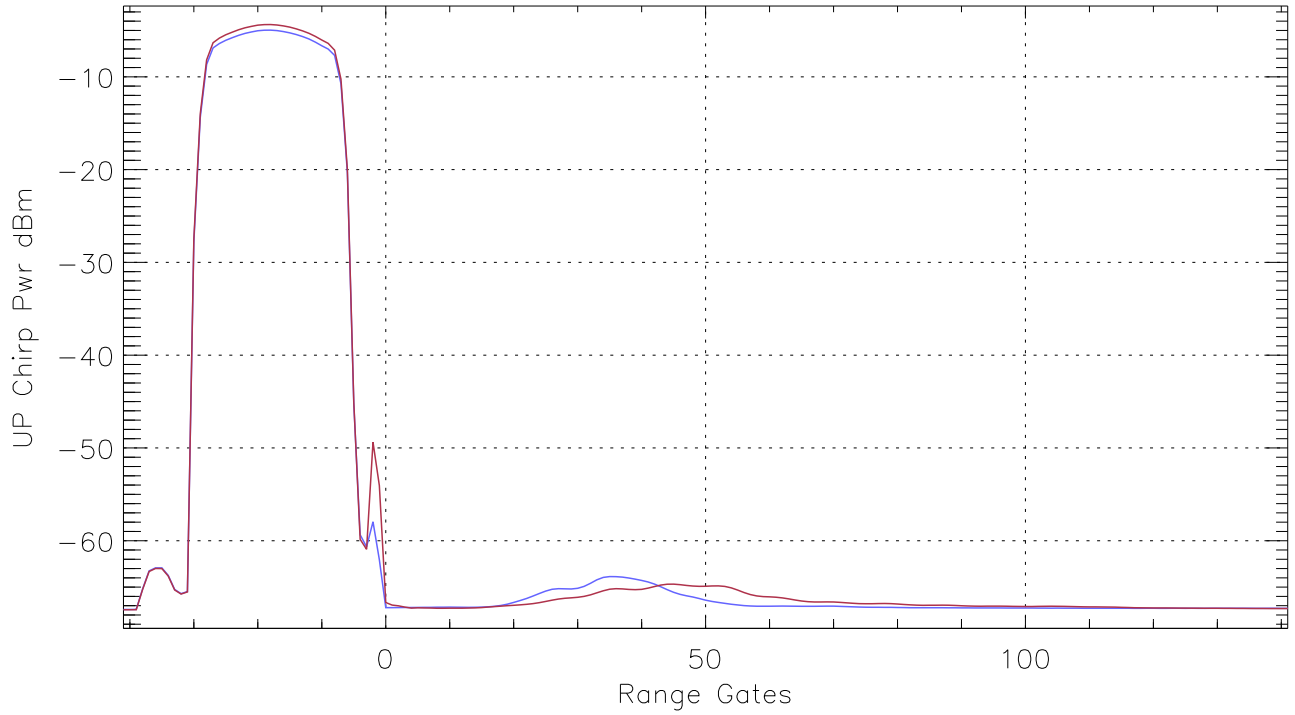
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-102.58	-80.09	-85.70	-85.94	-88.47
UP Pulse(dBm)	-104.07	-81.79	-87.41	-87.70	-90.23

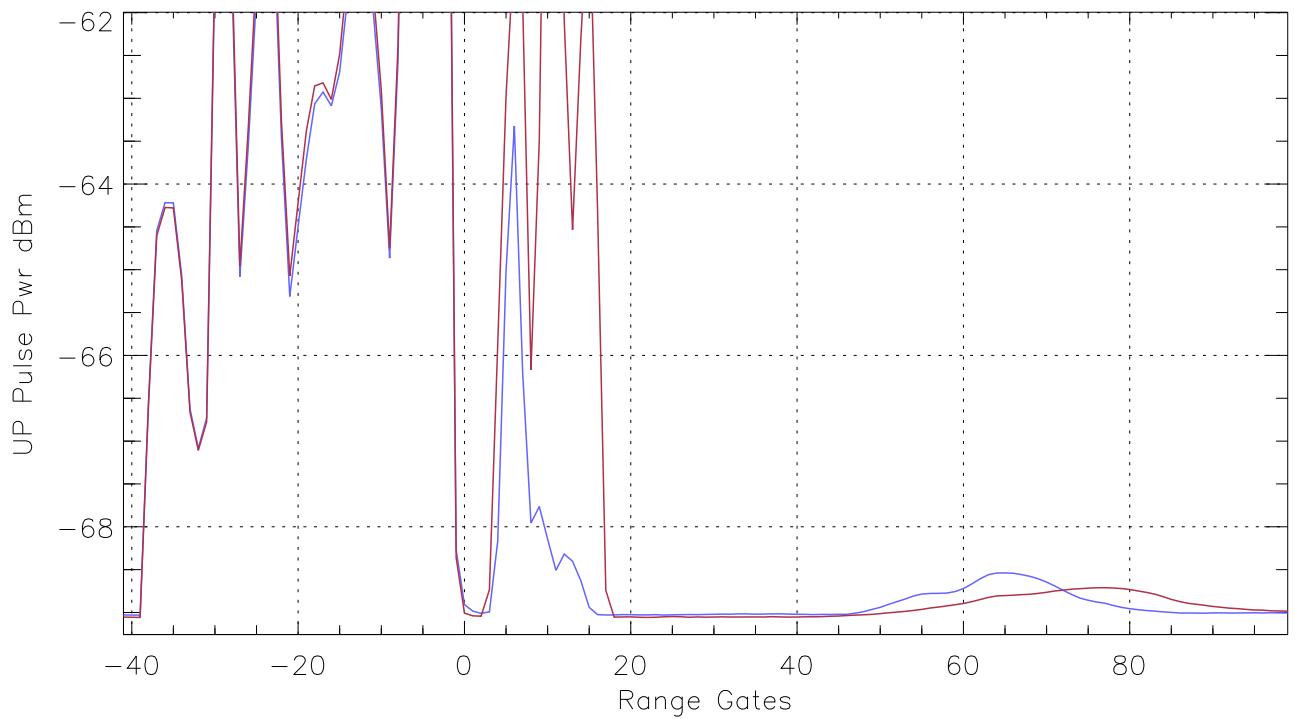
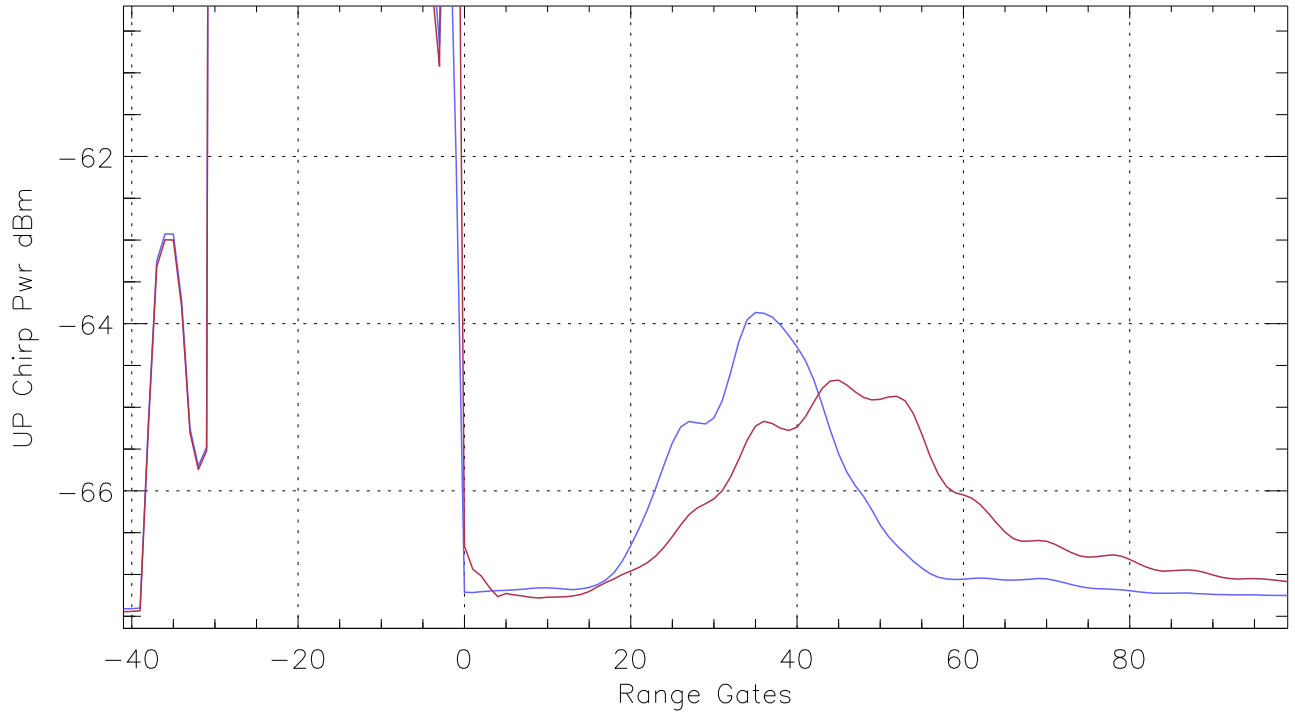


KPR SPP "Best" PPMAG noise (dBm):

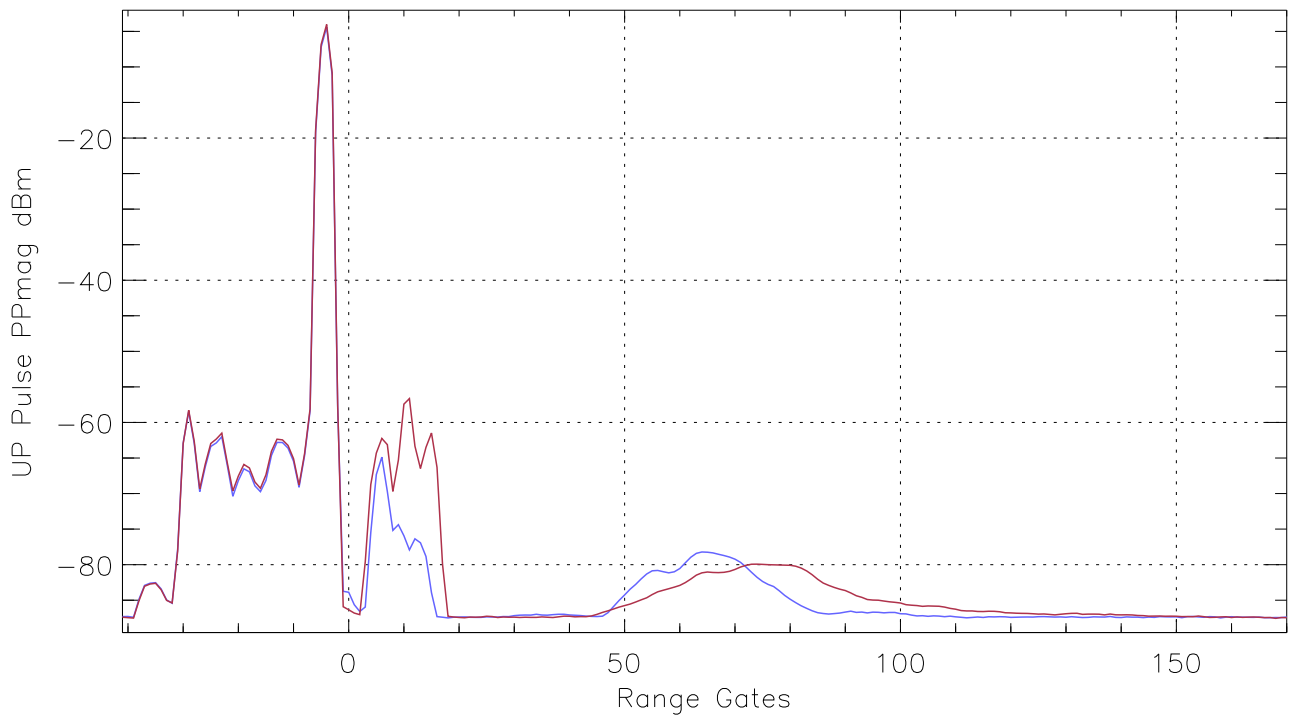
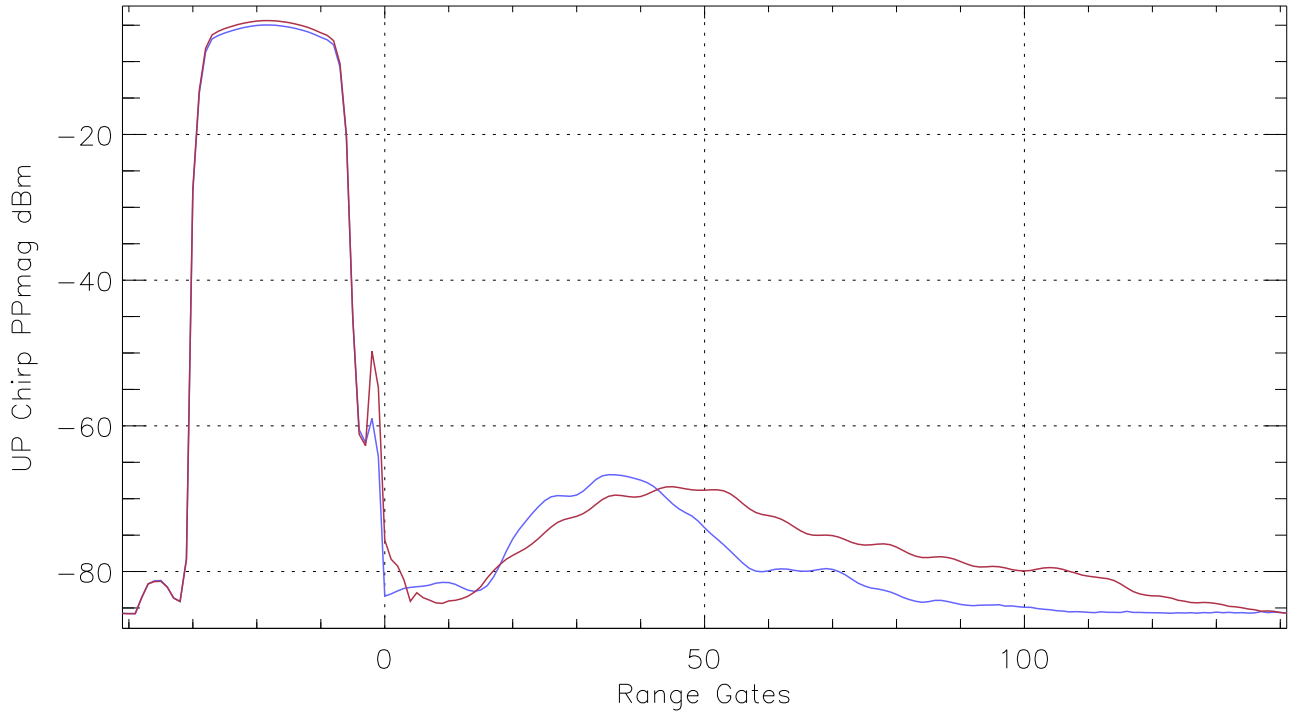
	Min	Max	Mean	Median	StDev
UP_C_RM_3	-102.58	-80.09	-85.70	-85.94	-88.47
UP_P_RG22_2	-107.58	-82.24	-87.39	-87.64	-90.33



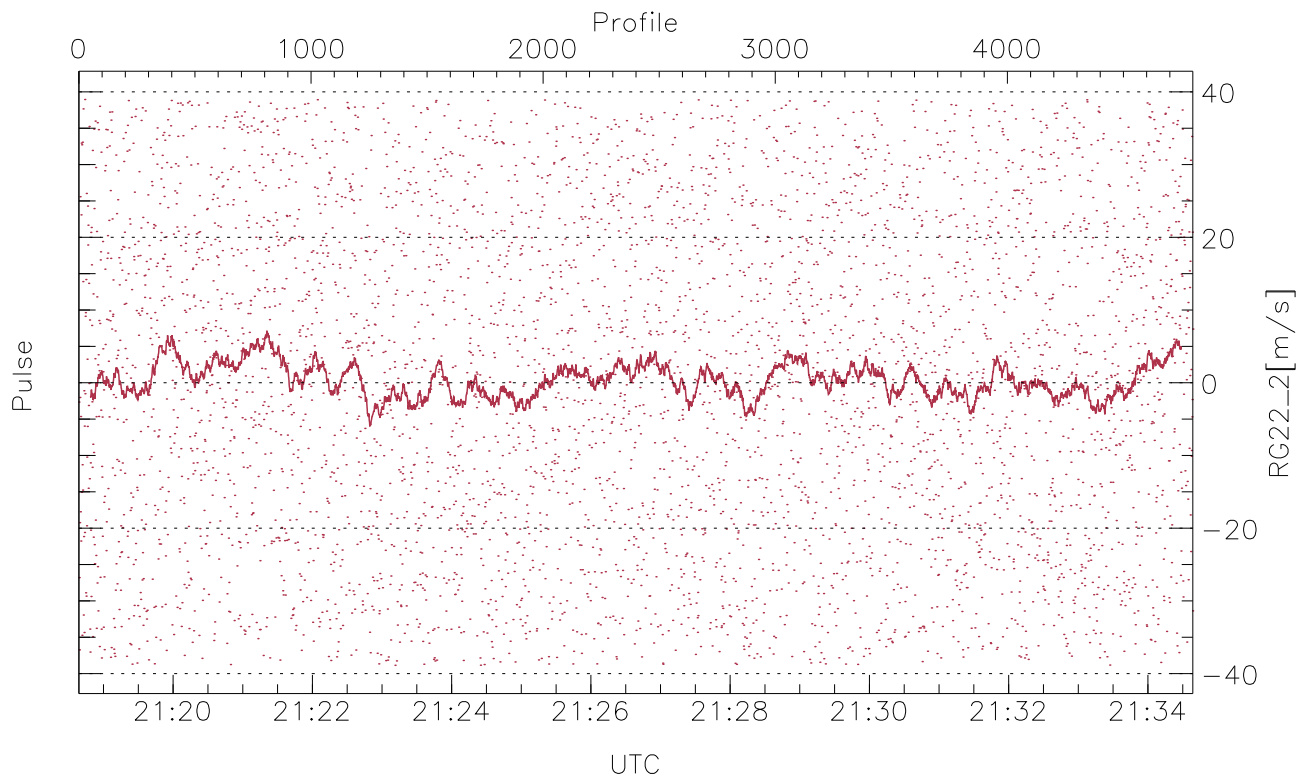
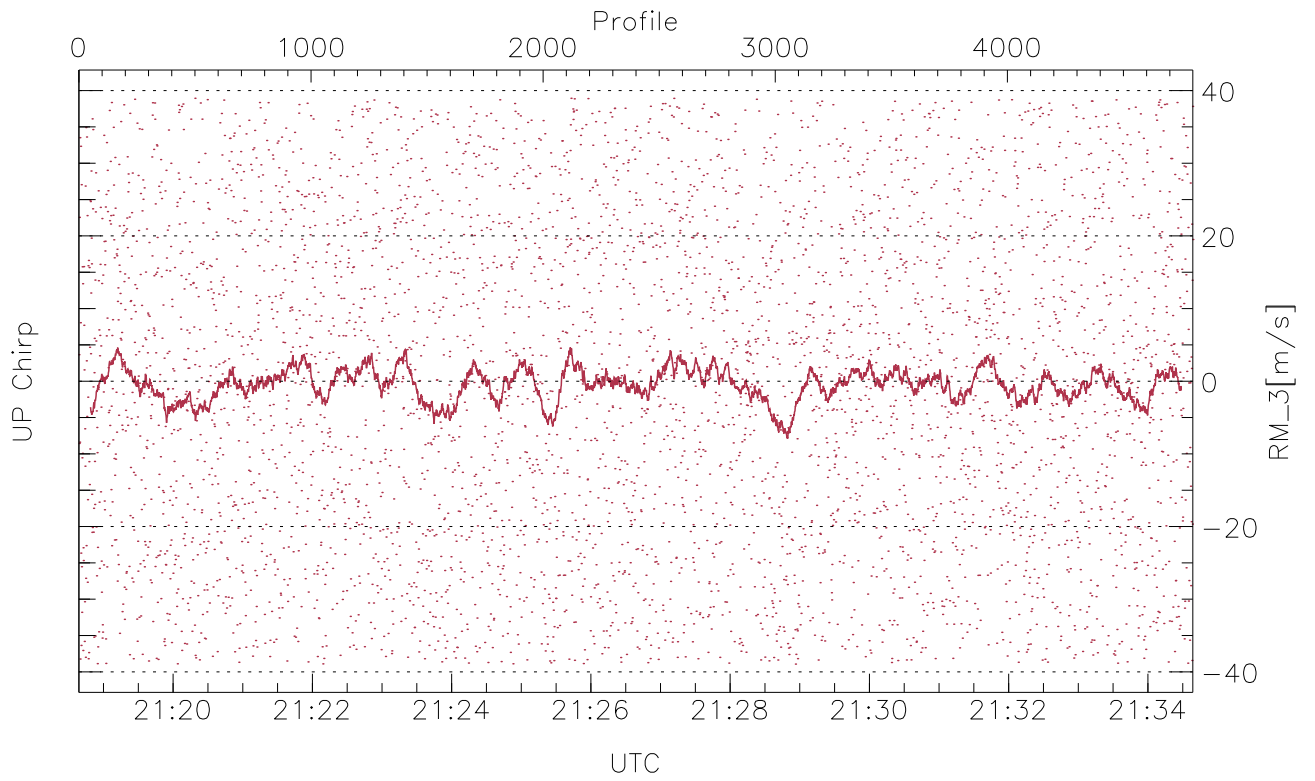
KPR SPP Averaged Received power for all recorded gates
blue: 211839-212638, 2401 profiles averaged
red: 212638-213439, 2400 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 211839-212638, 2401 profiles averaged
red: 212638-213439, 2400 profiles averaged

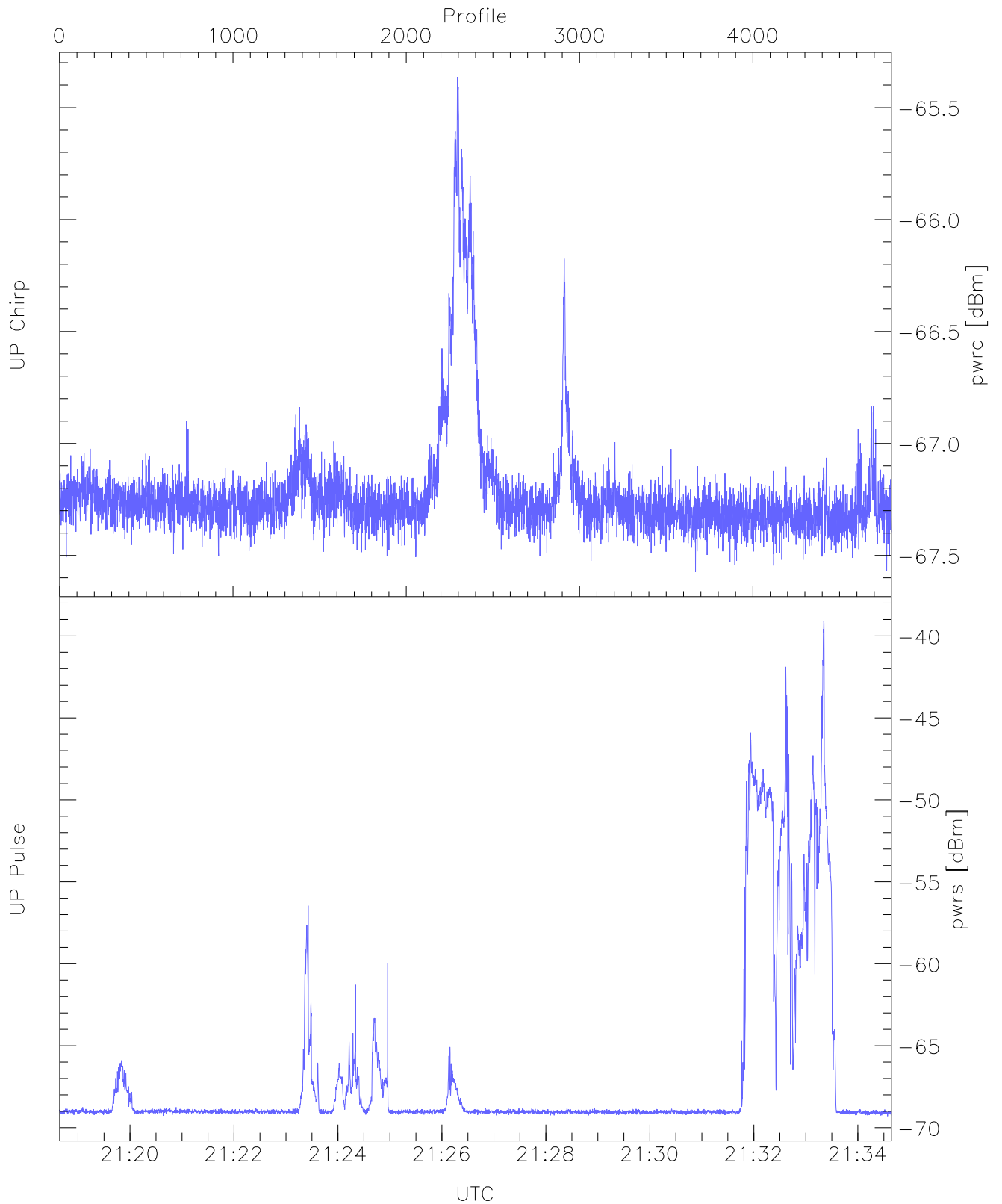


KPR SPP Averaged PP magnitude for all recorded gates
blue: 211839-212638, 2401 profiles averaged
red: 212638-213439, 2400 profiles averaged



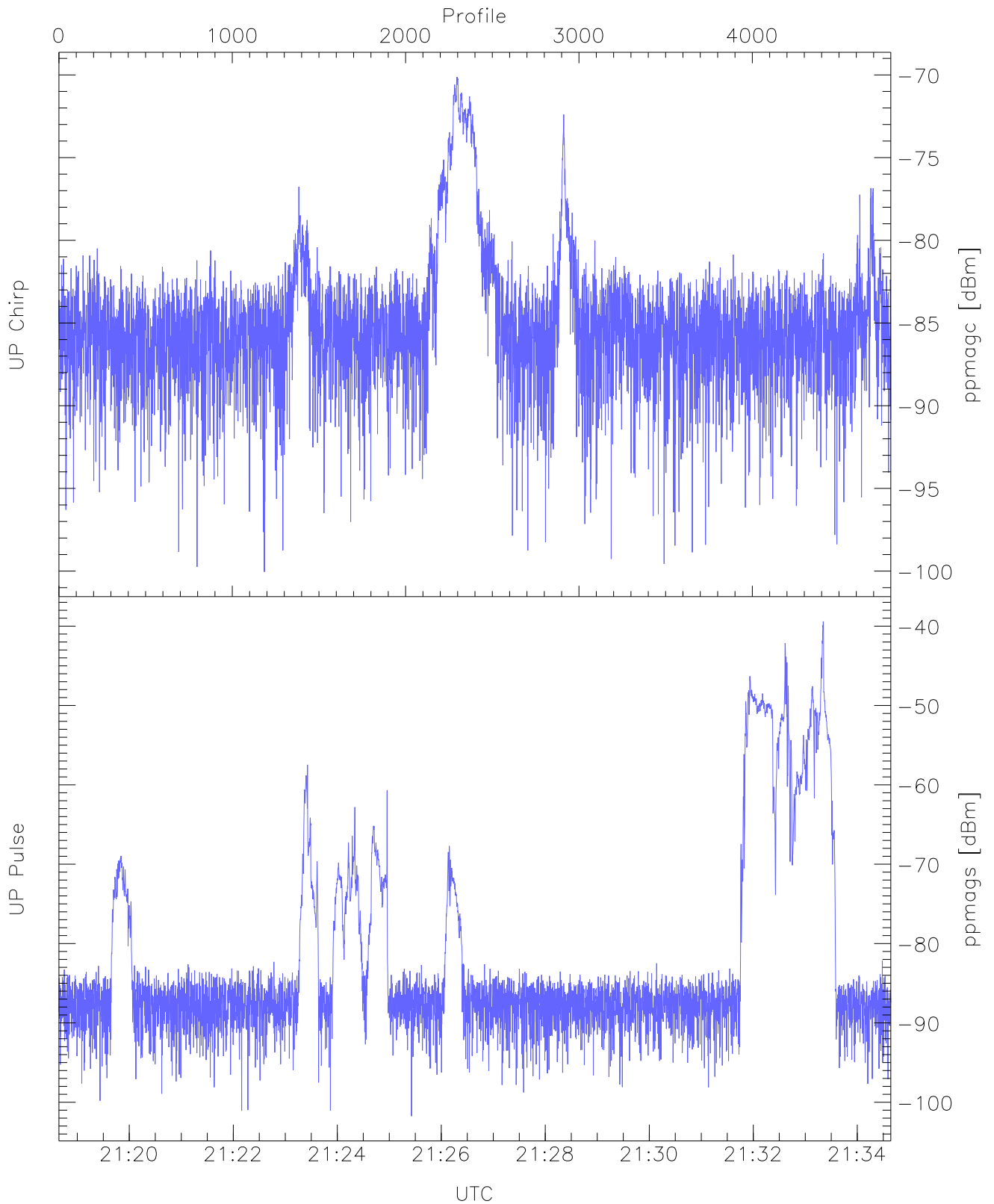
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RM_3	-38.93	38.94	-0.53	-0.20	21.86
UP_P_RG22_2	-38.85	38.94	0.37	0.84	21.89



KPR SPP Received Power for Chirp Range gate 10 (1585.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (533.8 m)

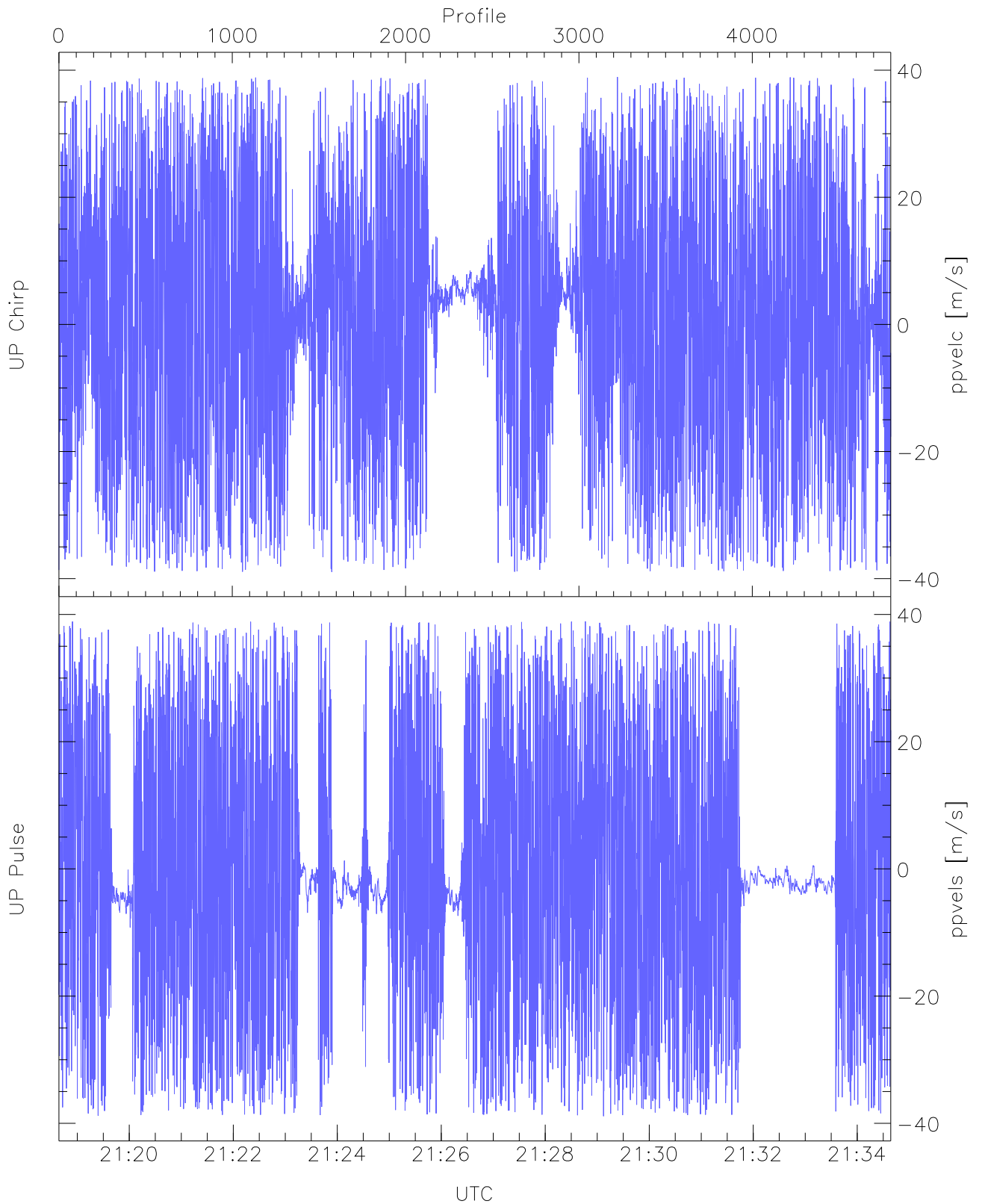
	Min	Max	Mean
UP Chirp(dBm)	-67.57	-65.36	-67.22
UP Pulse(dBm)	-69.30	-39.11	-59.53



KPR SPP PPMAG for Chirp Range gate 10 (1585.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (533.8 m)

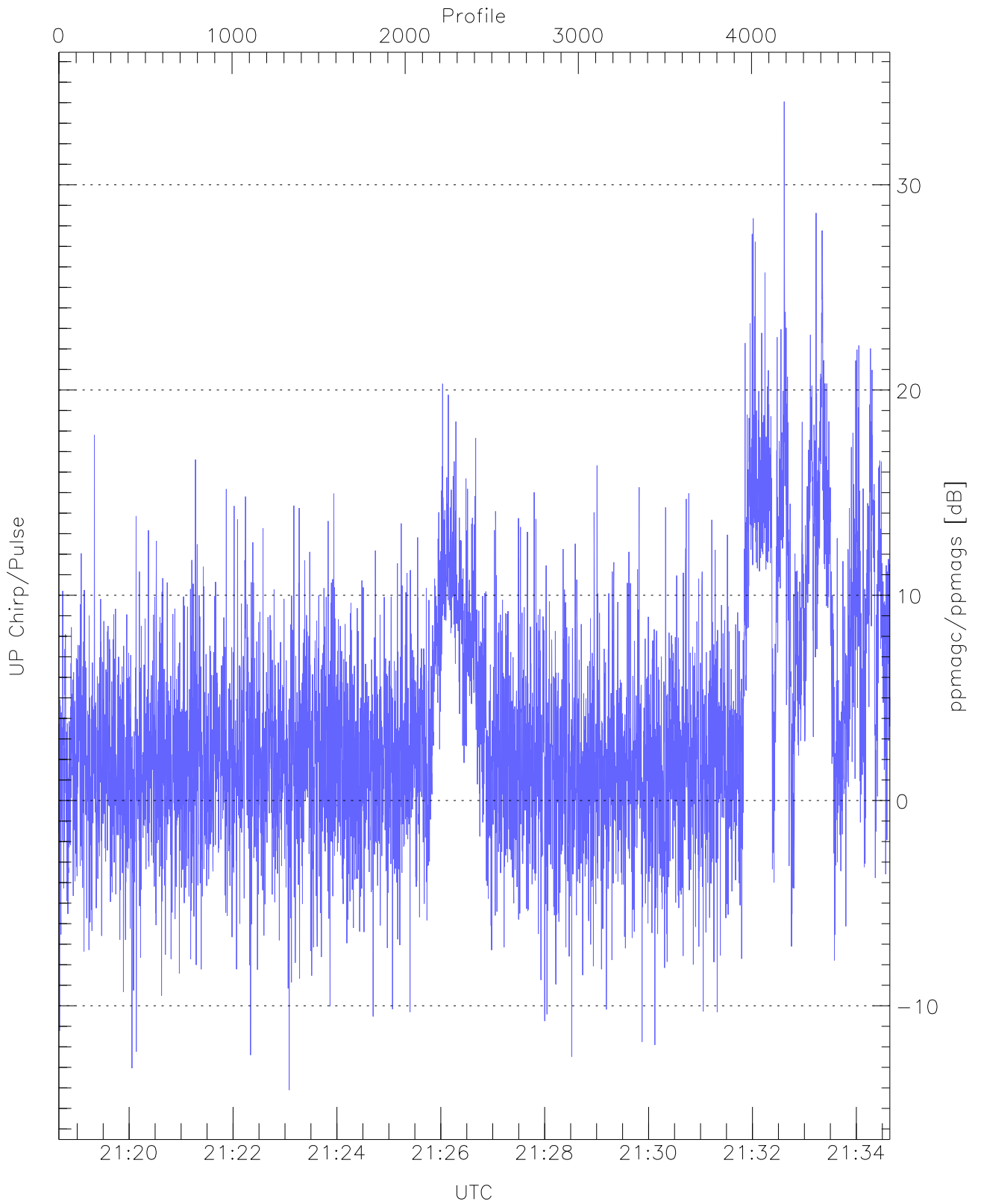
	Min	Max	Mean
UP Chirp(dBm)	-100.05	-70.13	-82.60
UP Pulse(dBm)	-101.76	-39.40	-60.37



KPR SPP PPVEL for Chirp Range gate 10 (1585.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (533.8 m)

	Min	Max	Mean
UP Chirp(m/s)	-38.94	38.92	0.91
UP Pulse(m/s)	-38.88	38.92	-0.70



KPR SPP PPMAG Chirp/Pulse; Range gate: 1247.9m /1283.3m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-14.11	34.05	9.13