

KHTX DSD vs. DPR.DPR.NS.V03B  $\geq 70\%$  bins above threshold  
 Orbit: 3556 -- GR Start Time: 2014-10-14 05:39:27

DPRDPR-GR Reflectivity difference statistics (dBZ) - GR Site: KHTX

Orbit: 3556 Version: V03B Swath Type: NS

DPR time = 2014-10-14 05:41:42 GR start time = 2014-10-14 05:39:27

Required percent of above-threshold DPR and GR bins in matched volumes >= 70%

Thresholding by reflectivity cutoffs. Using GR RR field.

Mean Reflectivity Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ
1.0	1.446	1821	1.521	1439	1.148	382	50.254	50.120	51.162
2.0	1.158	2038	1.185	1452	1.092	586	61.106	50.489	49.394
3.0	-0.461	1608	-0.874	1162	0.627	446	63.945	48.605	48.142 @ BB
4.0	0.291	1188	0.073	846	0.851	342	63.908	46.003	44.184 @ BB
5.0	1.379	804	1.203	548	1.754	256	62.191	38.303	36.580
6.0	1.177	265	0.957	146	1.430	119	61.056	29.916	27.712
7.0	0.679	48	0.397	28	1.063	20	70.028	23.602	22.886
8.0	0.638	5	0.638	5	-99.999	0	78.706	22.092	21.103

Mean Reflectivity Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ
Below	1.377	2832	1.474	2175	1.050	657	51.921	50.120	51.162

Mean Drop Diameter (D0 / Dm in mm) Statistics grouped by fixed height levels (km):

Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxD0	GRMaxD0
1.0	0.150	1821	0.122	1439	0.263	382	50.254	2.635	2.295
2.0	0.181	927	0.144	663	0.275	264	57.621	2.585	2.075

No above-threshold points at height 3.000  
 No above-threshold points at height 4.000  
 No above-threshold points at height 5.000  
 No above-threshold points at height 6.000  
 No above-threshold points at height 7.000  
 No above-threshold points at height 8.000

Mean Drop Diameter (D0 / Dm in mm) Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxD0	GRMaxD0
Below	0.163	2832	0.132	2175	0.268	657	51.921	2.635	2.295

Mean Normalized Intercept Parameter ( log10(Nw) ) Statistics grouped by fixed height levels (km):

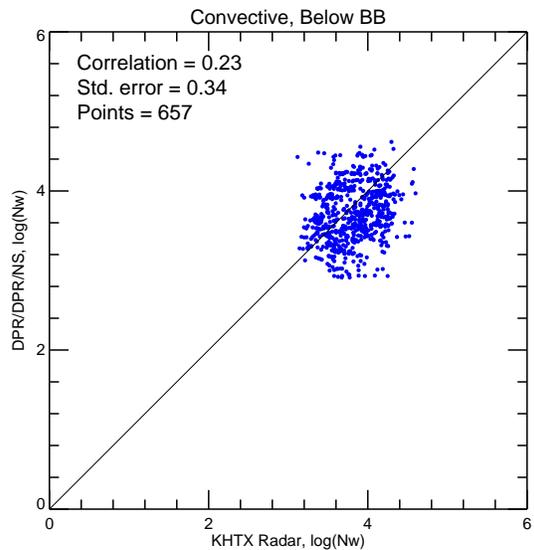
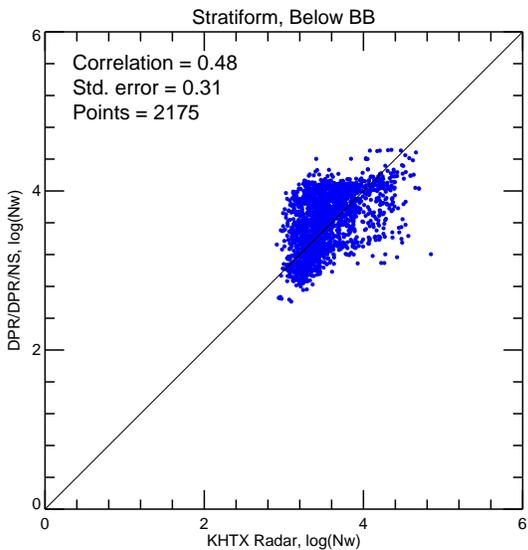
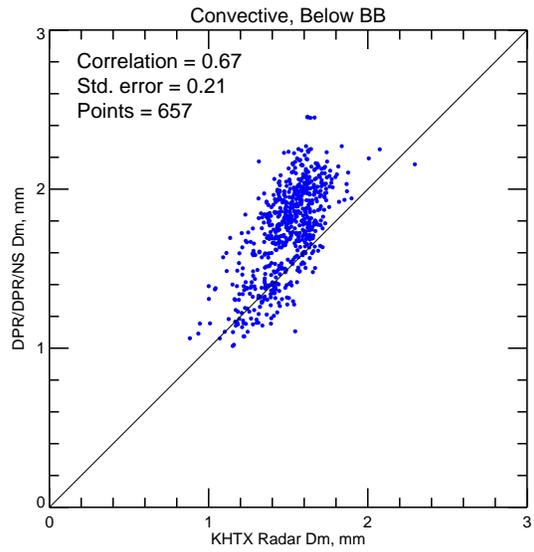
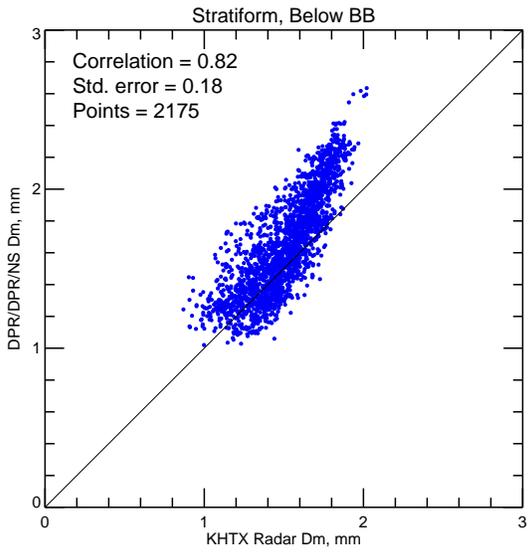
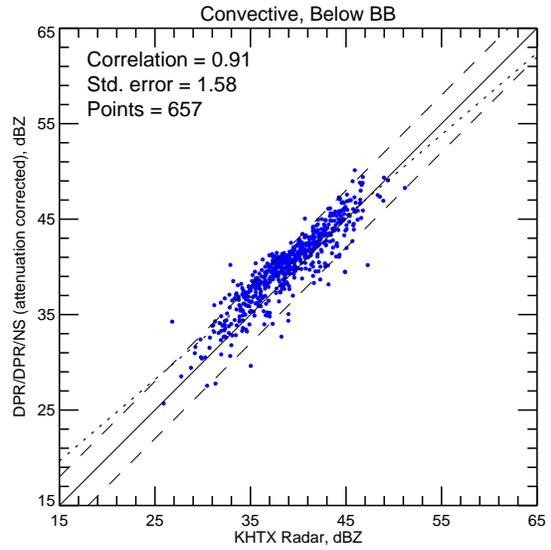
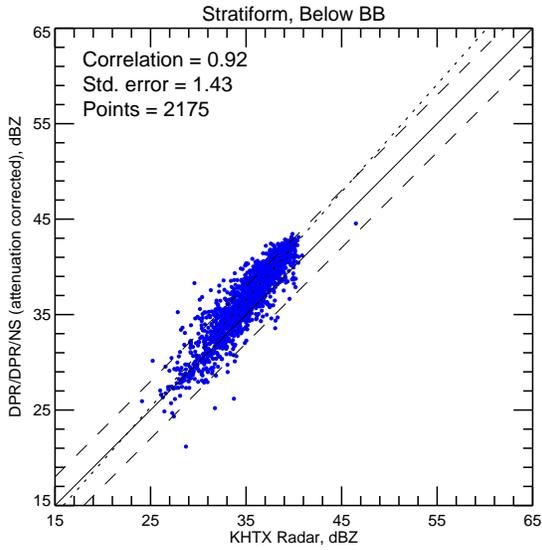
Vert. Layer	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
1.0	0.080	1821	0.133	1439	-0.128	382	50.254	4.556	4.847
2.0	-0.007	927	0.048	663	-0.149	264	57.621	4.617	4.699

No above-threshold points at height 3.000  
 No above-threshold points at height 4.000  
 No above-threshold points at height 5.000  
 No above-threshold points at height 6.000  
 No above-threshold points at height 7.000  
 No above-threshold points at height 8.000

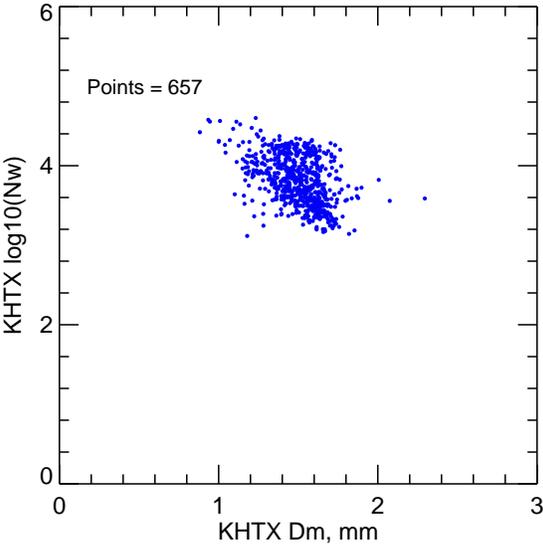
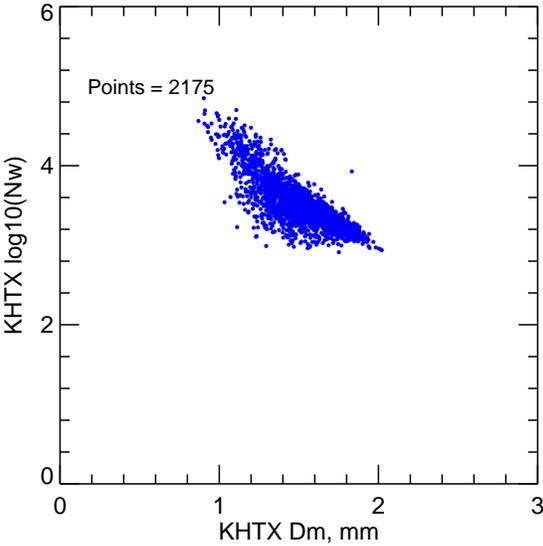
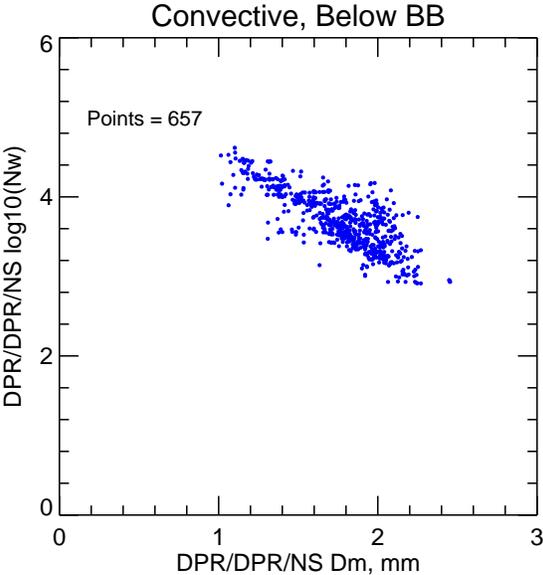
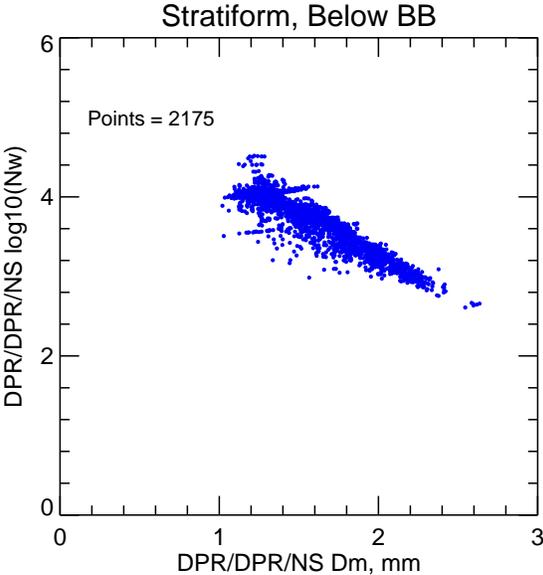
Mean Normalized Intercept Parameter ( log10(Nw) ) Statistics grouped by proximity to Bright Band:

Surface type	Any Rain Type		Stratiform		Convective		Dataset Statistics		
	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxNw	GRMaxNw
Below	0.046	2832	0.100	2175	-0.136	657	51.921	4.617	4.847

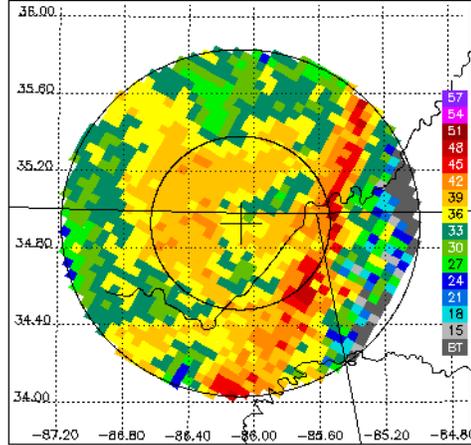
KHTX DSD vs. DPR.DPR.NS.V03B  $\geq 70\%$  bins above threshold



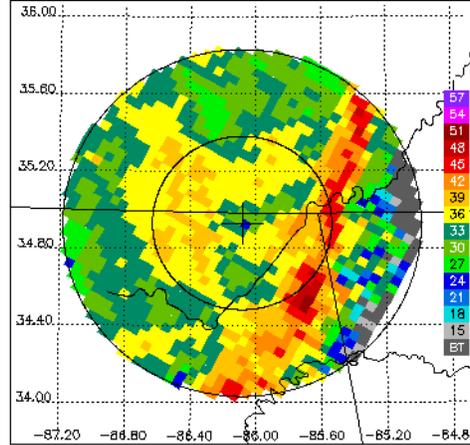
Dm vs.  $\log_{10}(N_w)$  for DPR.DPR.NS.V03B and KHTX  $\geq 70\%$  bins above threshold



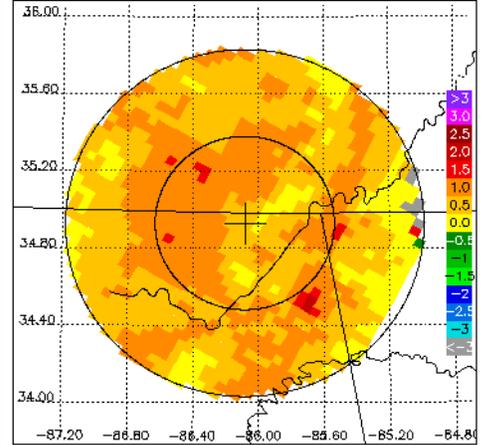
DPR/DPR CZ, 0.5° sweep, all valid samples



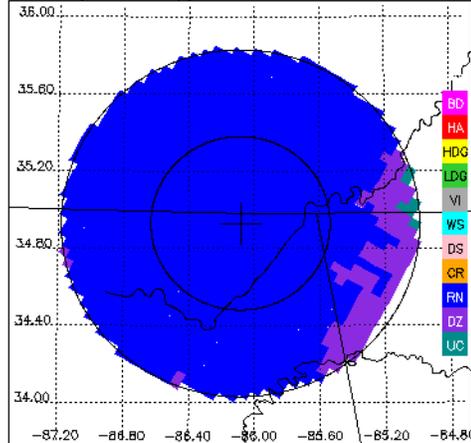
KHTX CZ, 0.5° sweep, all valid samples



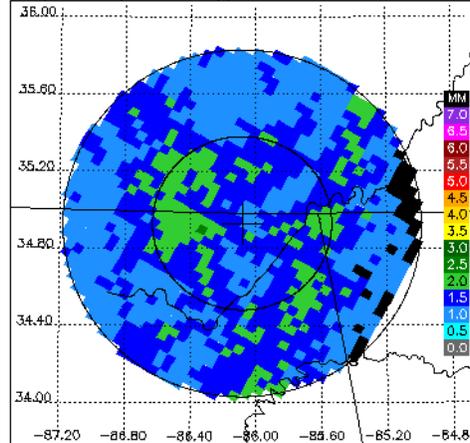
KHTX DR, 0.5° sweep, all valid samples



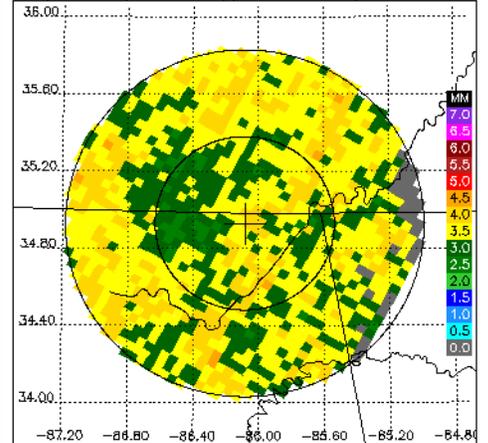
KHTX FH, 0.5° sweep, ≥70% bins above threshold



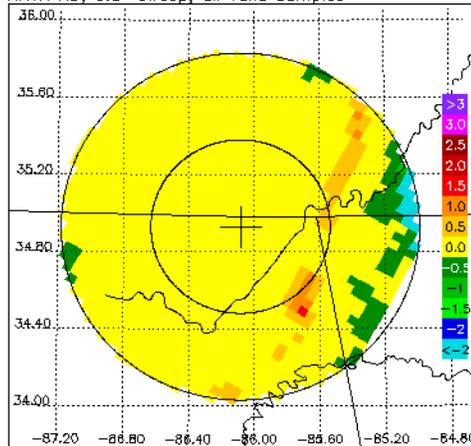
DPR/DPR D0, 0.5° sweep, ≥70% bins above threshold



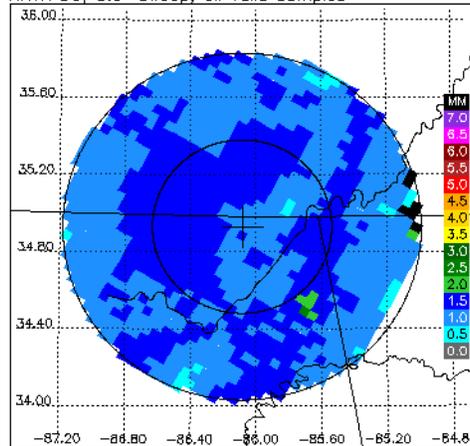
DPR/DPR NW, 0.5° sweep, all valid samples



KHTX KD, 0.5° sweep, all valid samples



KHTX D0, 0.5° sweep, all valid samples



KHTX NW, 0.5° sweep, all valid samples

