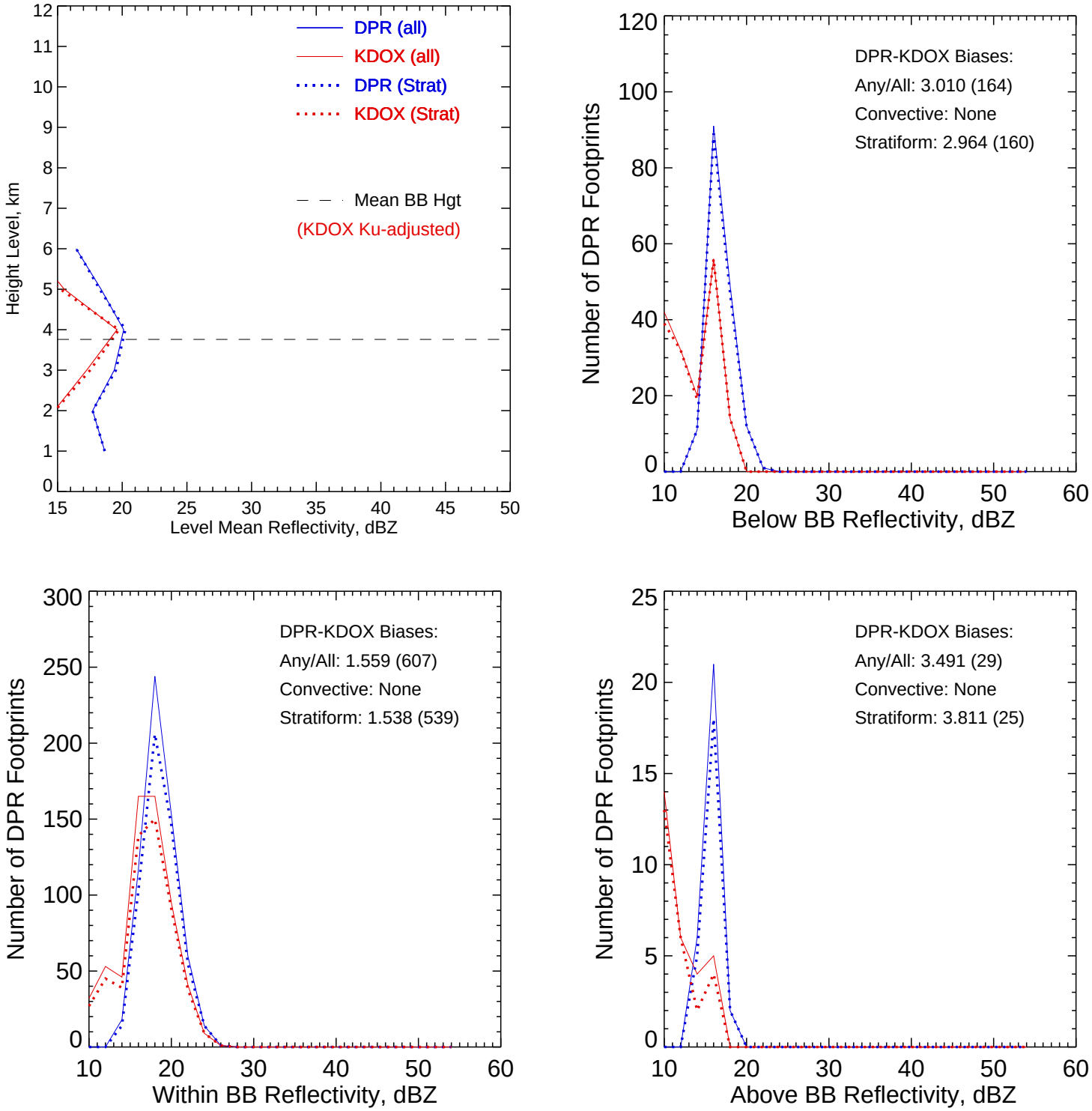


KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs

Orbit: 8951 -- GR Start Time: 2015-09-25 23:35:58

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KDOX
Orbit: 8951 Version: V05A Swath Type: NS
DPR time = 2015-09-25 23:38:29 GR start time = 2015-09-25 23:35:58
Required percent of above-threshold DPR and GR bins in matched volumes >= 0%
GR reflectivity has S-to-Ku frequency adjustments applied.

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

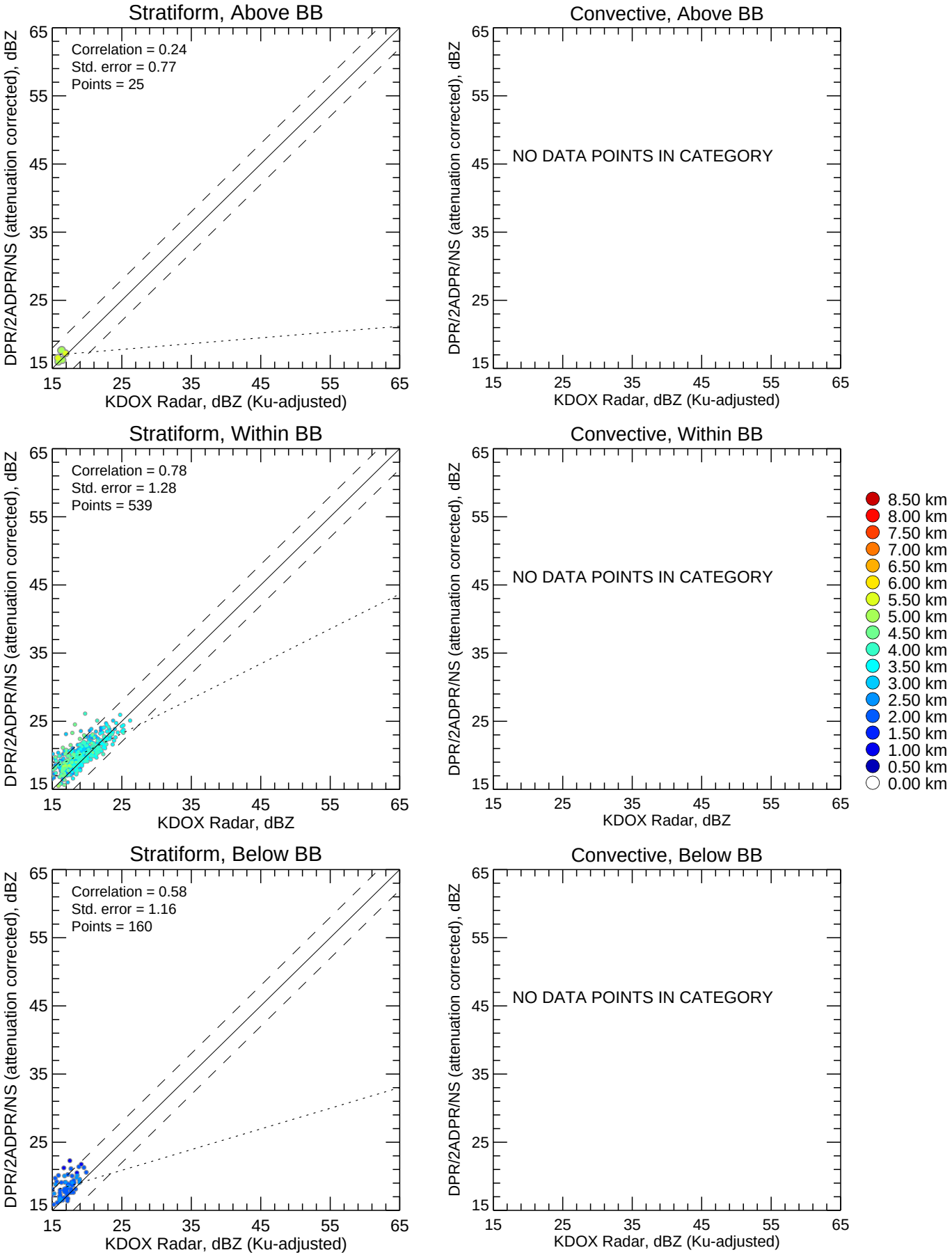
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
1.0	4.482	17	4.482	17	-99.999	0	82.325	22.290	19.168	
2.0	2.966	120	2.914	117	-99.999	0	59.406	21.398	19.888	
3.0	2.131	257	1.992	236	-99.999	0	63.049	25.096	23.989	@ BB
4.0	0.513	254	0.499	223	-99.999	0	66.467	26.121	26.197	@ BB
5.0	2.840	139	3.032	121	-99.999	0	73.435	24.526	21.028	
6.0	3.483	12	3.971	9	-99.999	0	84.020	17.406	16.887	

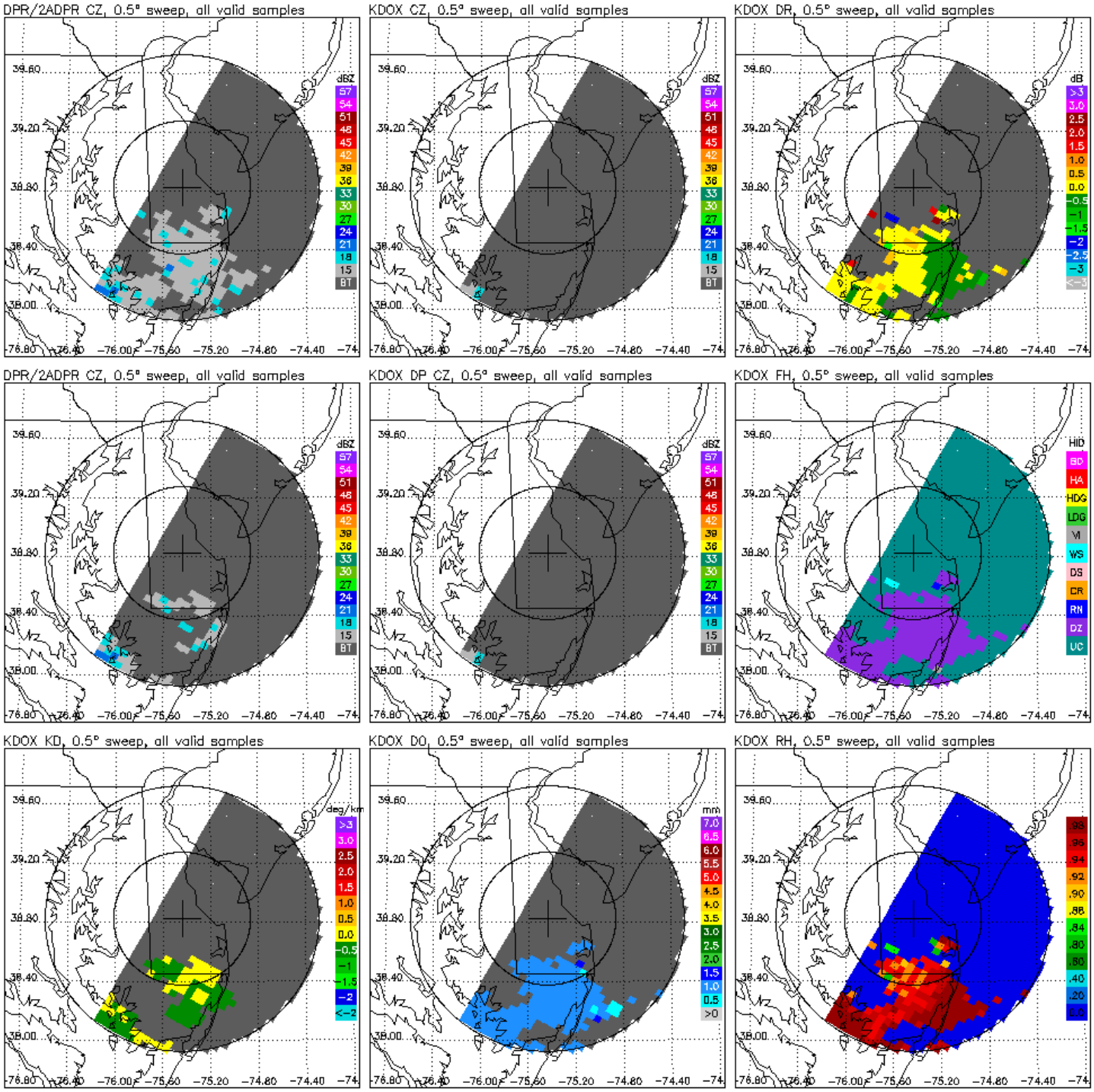
No above-threshold points at height 7.000
No above-threshold points at height 8.000
No above-threshold points at height 9.000

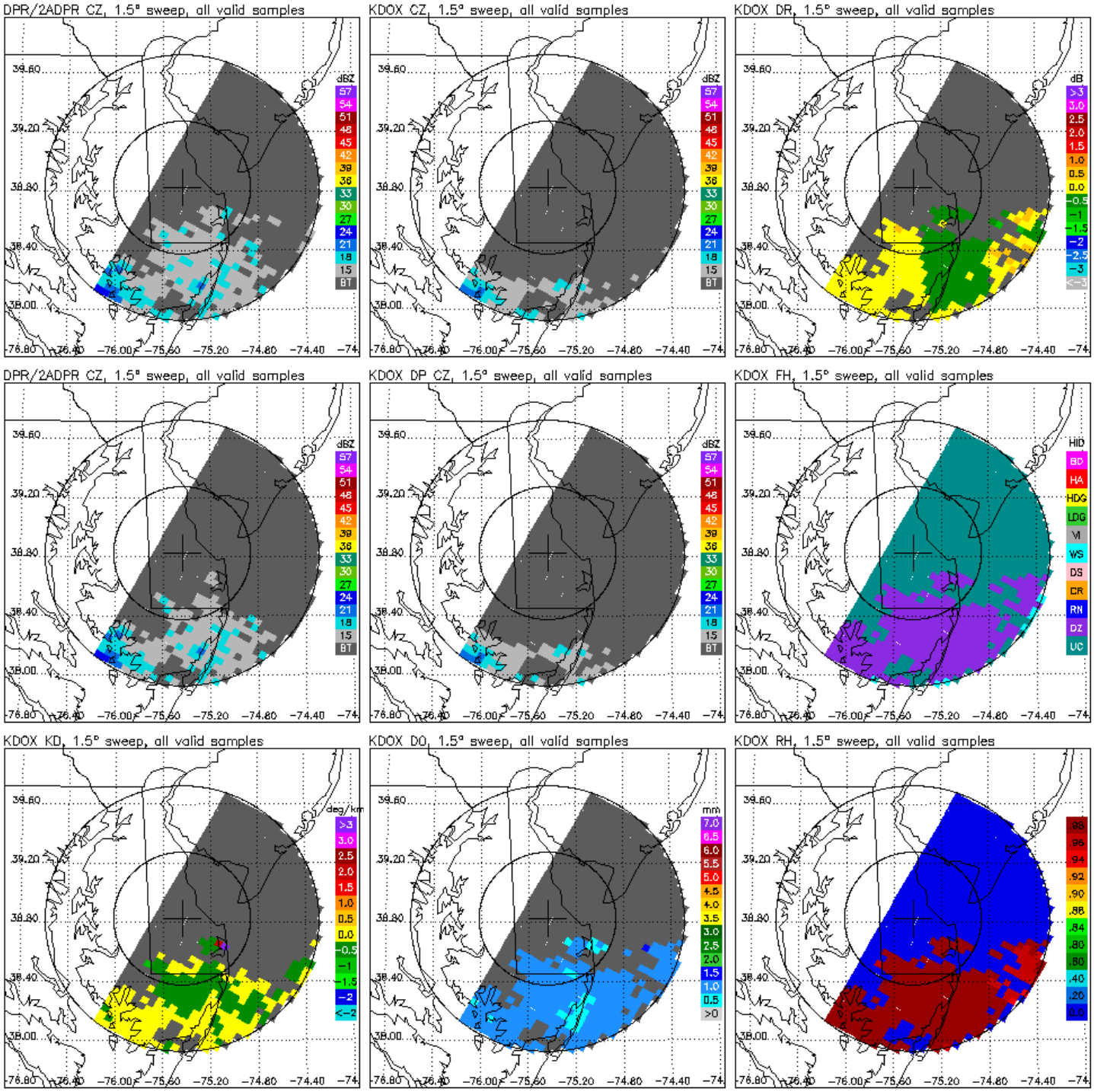
Mean Reflectivity Statistics grouped by proximity to Bright Band:

Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics			
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
Below	3.010	164	2.964	160	-99.999	0	62.097	22.290	19.888	
Within	1.559	607	1.538	539	-99.999	0	66.779	26.121	26.197	@ BB
Above	3.491	29	3.811	25	-99.999	0	74.271	18.484	16.887	

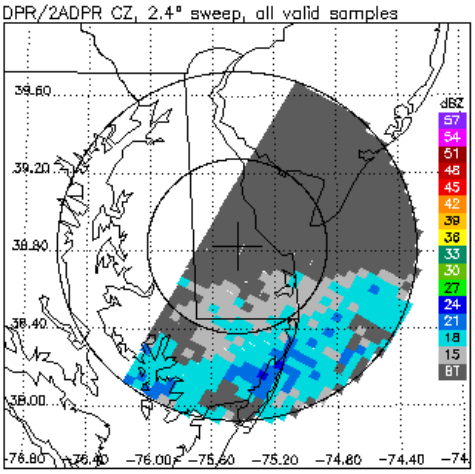
KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs



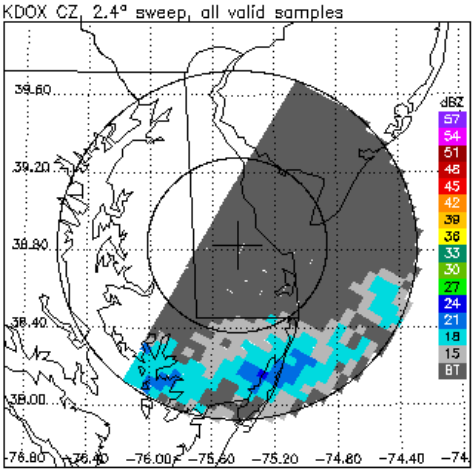

DPR/2ADPR CZ, 0.5° sweep, all valid samples
KDOX CZ, 0.5° sweep, all valid samples
KDOX DR, 0.5° sweep, all valid samples
DPR/2ADPR CZ, 0.5° sweep, all valid samples
KDOX DP CZ, 0.5° sweep, all valid samples
KDOX FH, 0.5° sweep, all valid samples
KDOX KD, 0.5° sweep, all valid samples
KDOX DO, 0.5° sweep, all valid samples
KDOX RH, 0.5° sweep, all valid samples
dBZ
57
54
51
48
45
42
39
36
33
30
27
24
21
18
15
BT
dB
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
-2.5
-3
<-3
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
deg/km
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
<-2
mm
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
>0
.98
.96
.94
.92
.90
.88
.84
.80
.60
.40
.20
0.0
39.60
39.20
38.80
38.40
38.00
-76.80
-76.40
-76.00
-75.60
-75.20
-74.80
-74.40
-74


DPR/2ADPR CZ, 1.5° sweep, all valid samples
KDOX CZ, 1.5° sweep, all valid samples
KDOX DR, 1.5° sweep, all valid samples
DPR/2ADPR CZ, 1.5° sweep, all valid samples
KDOX DP CZ, 1.5° sweep, all valid samples
KDOX FH, 1.5° sweep, all valid samples
KDOX KD, 1.5° sweep, all valid samples
KDOX DO, 1.5° sweep, all valid samples
KDOX RH, 1.5° sweep, all valid samples
dBZ
57
54
51
48
45
42
39
36
33
30
27
24
21
18
15
BT
dB
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
-2.5
-3
<-3
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
deg/km
>3
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1
-1.5
-2
<-2
mm
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
>0
.98
.96
.94
.92
.90
.88
.84
.80
.60
.40
.20
0.0
39.60
39.20
38.80
38.40
38.00
-76.80
-76.40
-76.00
-75.60
-75.20
-74.80
-74.40
-74

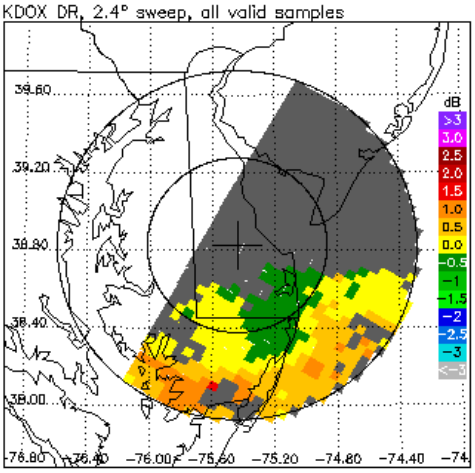
DPR/2ADPR CZ, 2.4° sweep, all valid samples



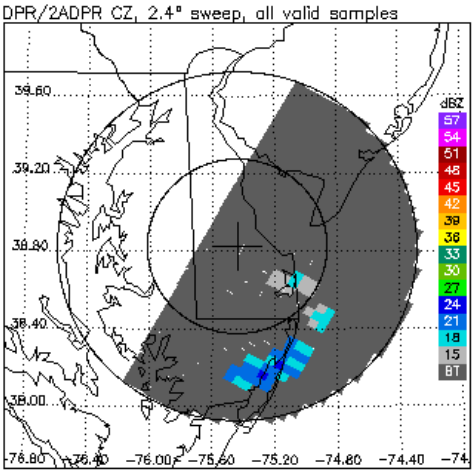
KDOX CZ, 2.4° sweep, all valid samples



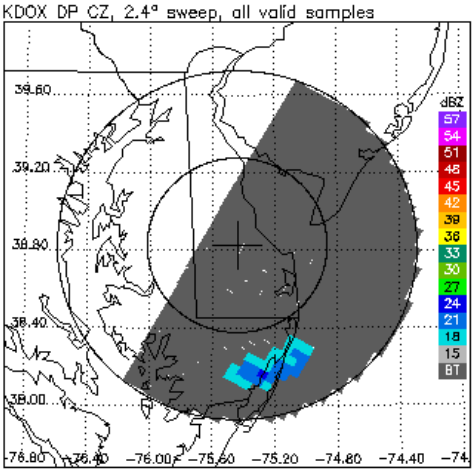
KDOX DR, 2.4° sweep, all valid samples



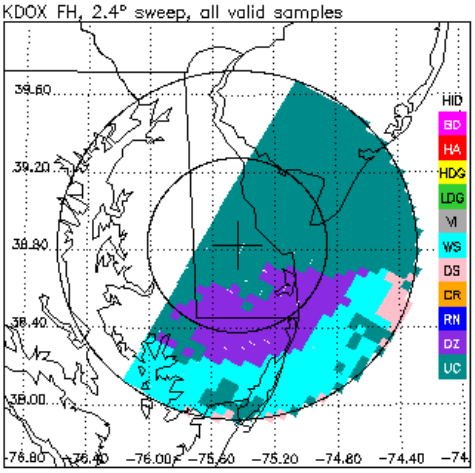
DPR/2ADPR CZ, 2.4° sweep, all valid samples



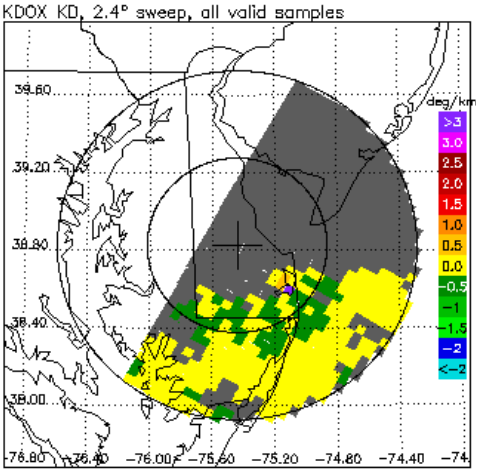
KDOX DP CZ, 2.4° sweep, all valid samples



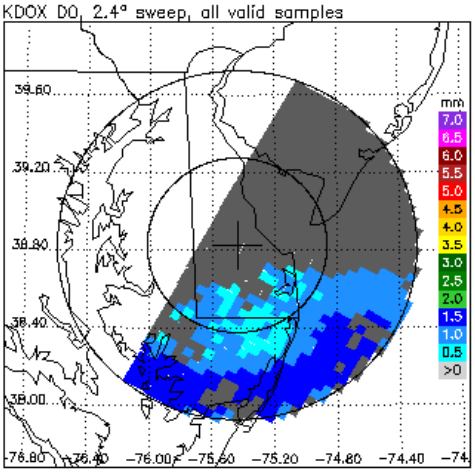
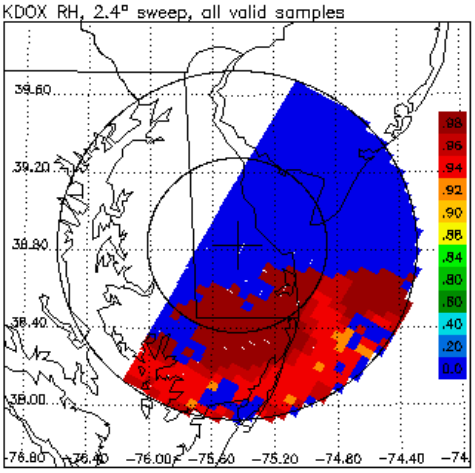
KDOX FH, 2.4° sweep, all valid samples



KDOX KD, 2.4° sweep, all valid samples



KDOX DO, 2.4° sweep, all valid samples



KDOX RH, 2.4° sweep, all valid samples