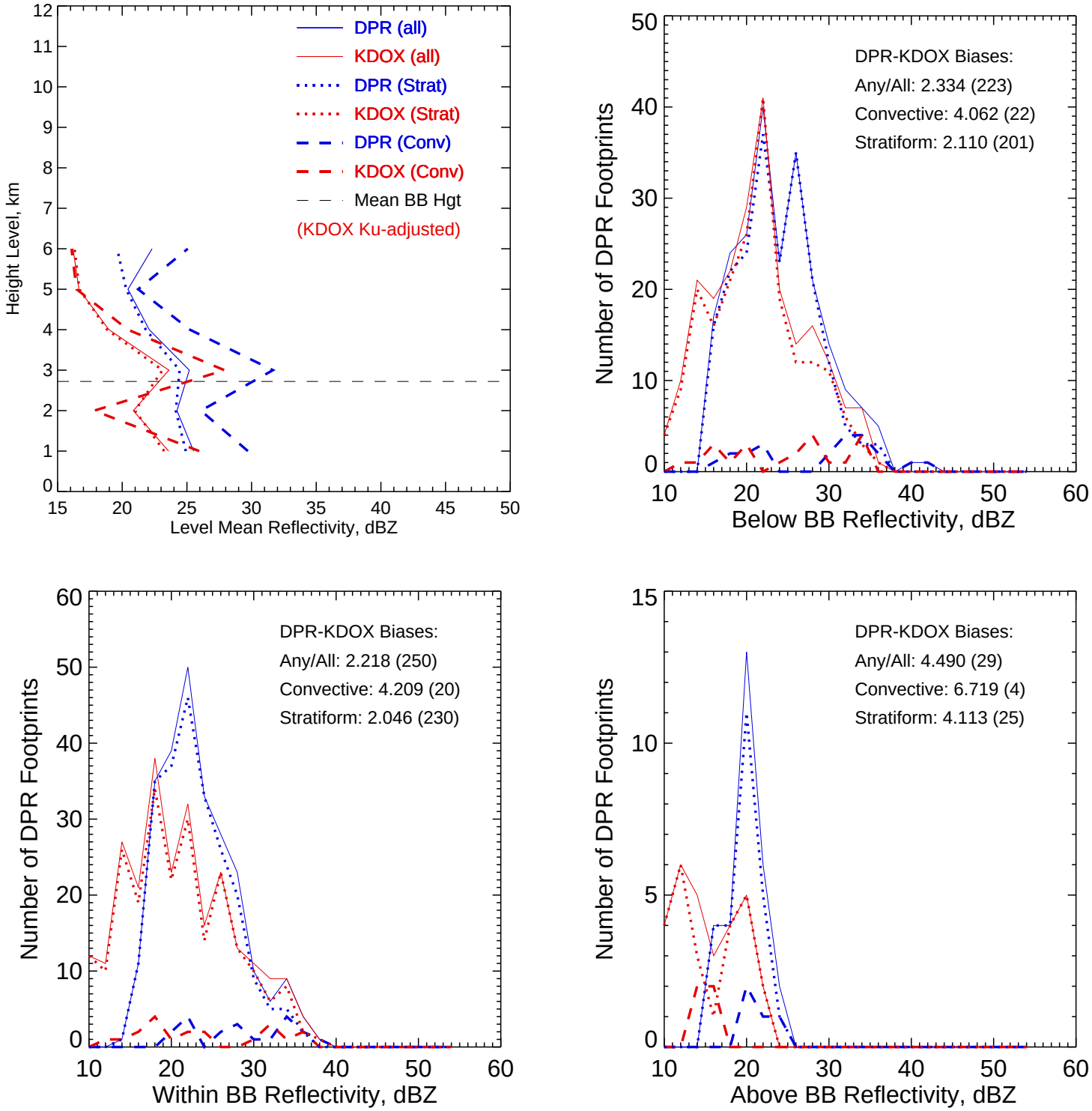


KDOX Ku-adjusted Zc vs. DPR 2ADPR/NS/V05A -- All non-missing pairs

Orbit: 6436 -- GR Start Time: 2015-04-17 08:14:29

DPR 2ADPR-GR Reflectivity difference statistics (dBZ) - GR Site: KDOX
Orbit: 6436 Version: V05A Swath Type: NS
DPR time = 2015-04-17 08:13:06 GR start time = 2015-04-17 08:14:29
Required percent of above-threshold DPR and GR bins in matched volumes >= 0%
GR reflectivity has S-to-Ku frequency adjustments applied.

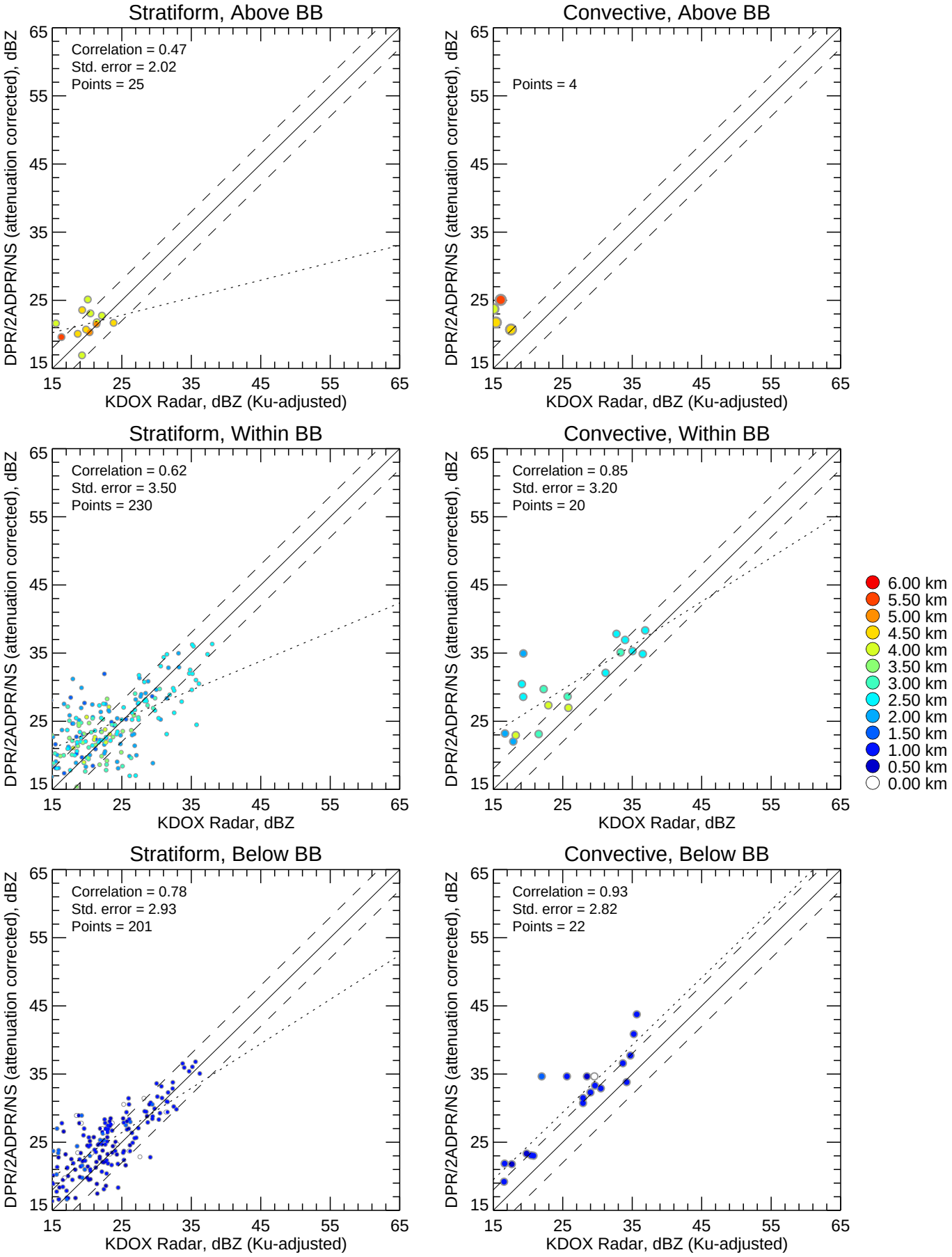
Mean Reflectivity Statistics grouped by fixed height levels (km):

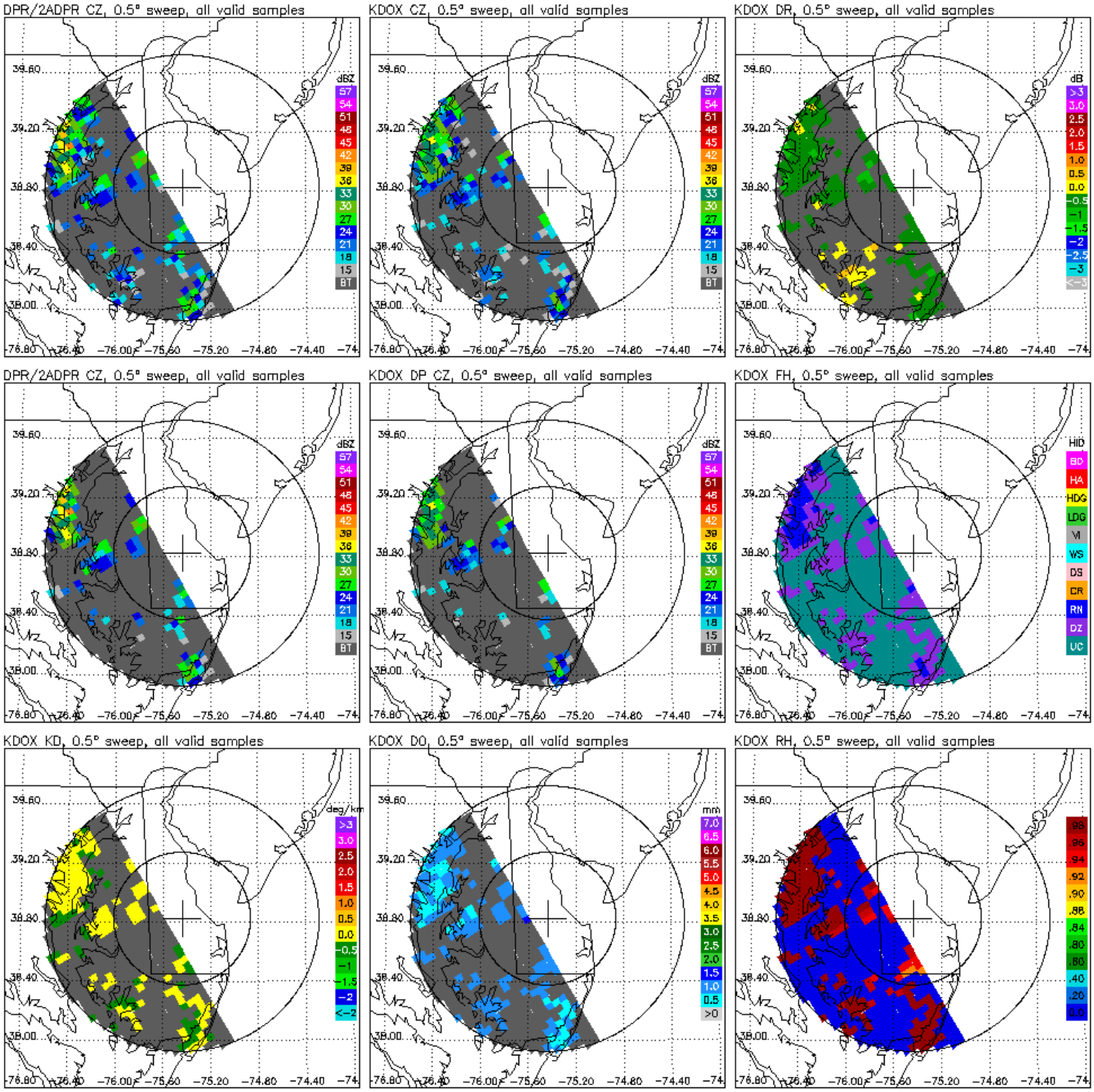
Vert.	Any Rain Type		Stratiform		Convective		Dataset Statistics			
Layer	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
1.0	1.935	180	1.672	160	3.759	20	70.138	43.759	36.222	
2.0	3.374	111	3.153	106	8.248	5	57.077	34.973	33.231	@ BB
3.0	1.579	116	1.328	103	3.750	13	74.110	38.336	38.009	@ BB
4.0	3.125	57	2.983	53	4.797	4	79.939	28.283	26.742	
5.0	3.788	14	3.615	12	4.757	2	91.027	23.568	23.817	
6.0	6.109	2	3.297	1	8.990	1	88.281	25.066	16.311	

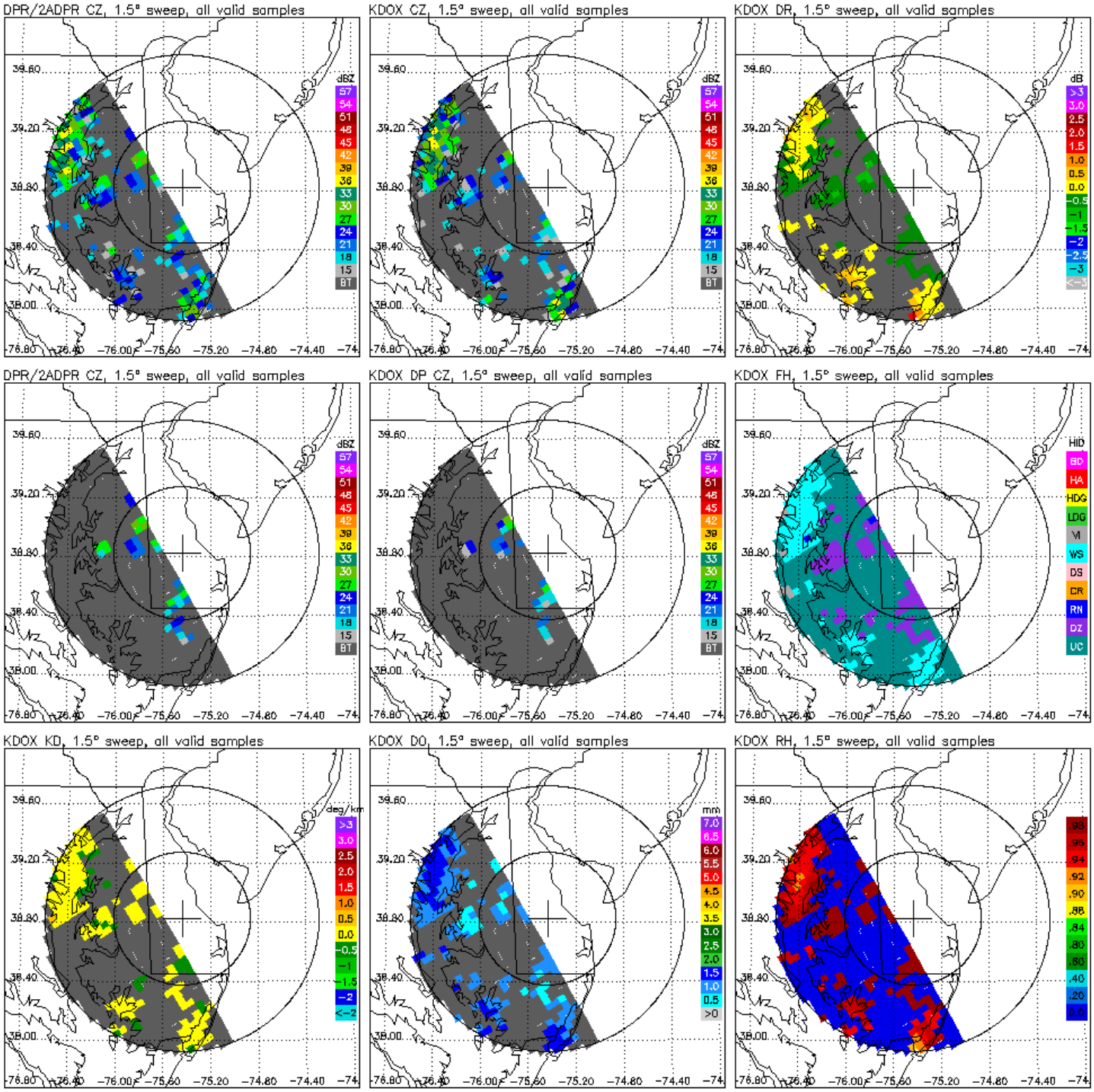
Mean Reflectivity Statistics grouped by proximity to Bright Band:

Surface	Any Rain Type		Stratiform		Convective		Dataset Statistics			
type	DPR-GR	NumPts	DPR-GR	NumPts	DPR-GR	NumPts	AvgDist	DPRMaxZ	GRMaxZ	
Below	2.334	223	2.110	201	4.062	22	64.023	43.759	36.222	
Within	2.218	250	2.046	230	4.209	20	69.754	38.336	38.009	@ BB
Above	4.490	29	4.113	25	6.719	4	88.585	25.121	23.817	

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
dB
deg/km
mm
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
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
dB
deg/km
mm
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
39.60
39.20
38.80
38.40
38.00
-76.80
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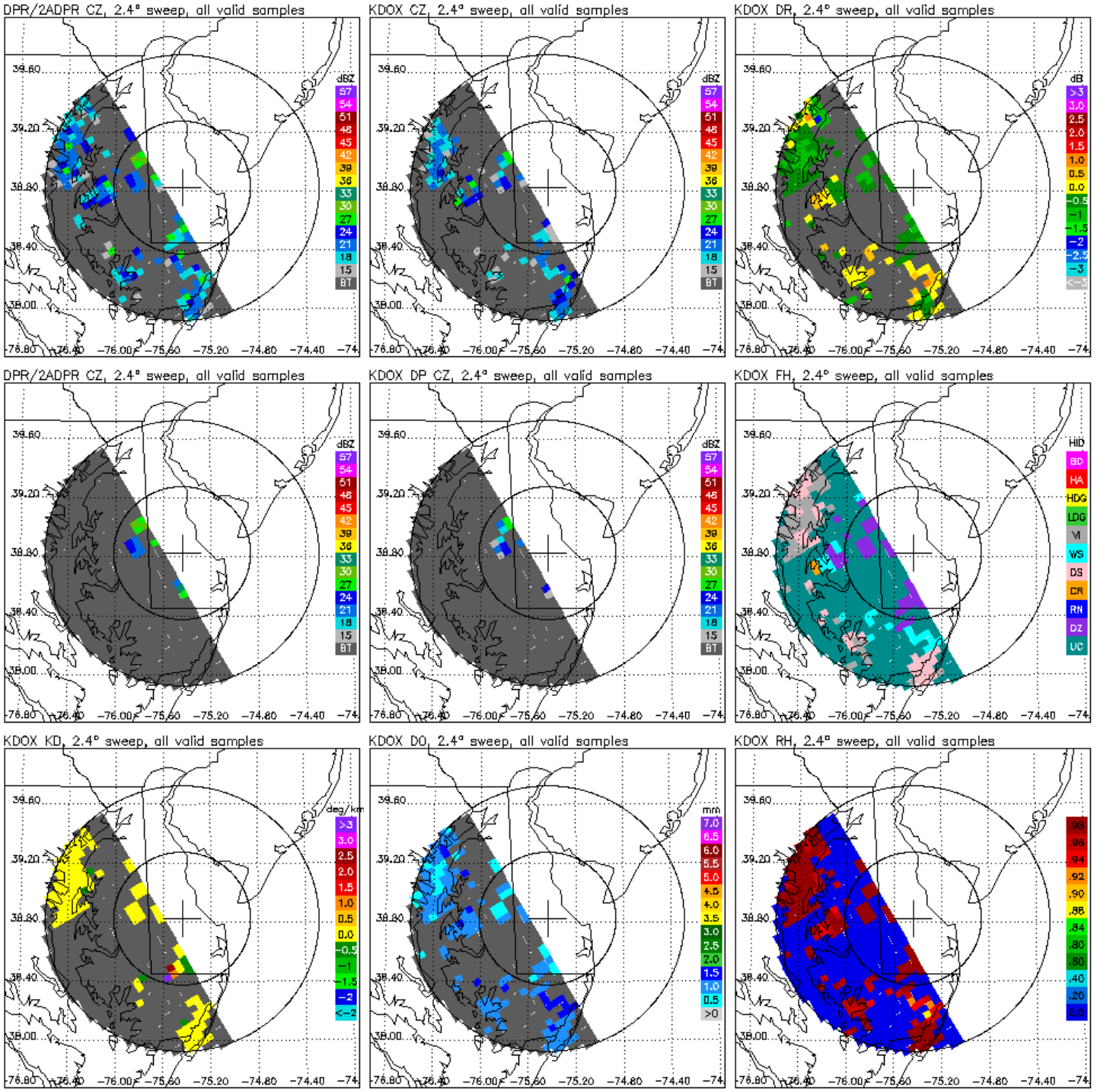
-75.60
-75.20
-74.80
-74.40
-74


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
dBZ
dB
deg/km
mm
HID
BD
HA
HDG
LDG
VI
WS
DS
CR
RN
DZ
UC
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