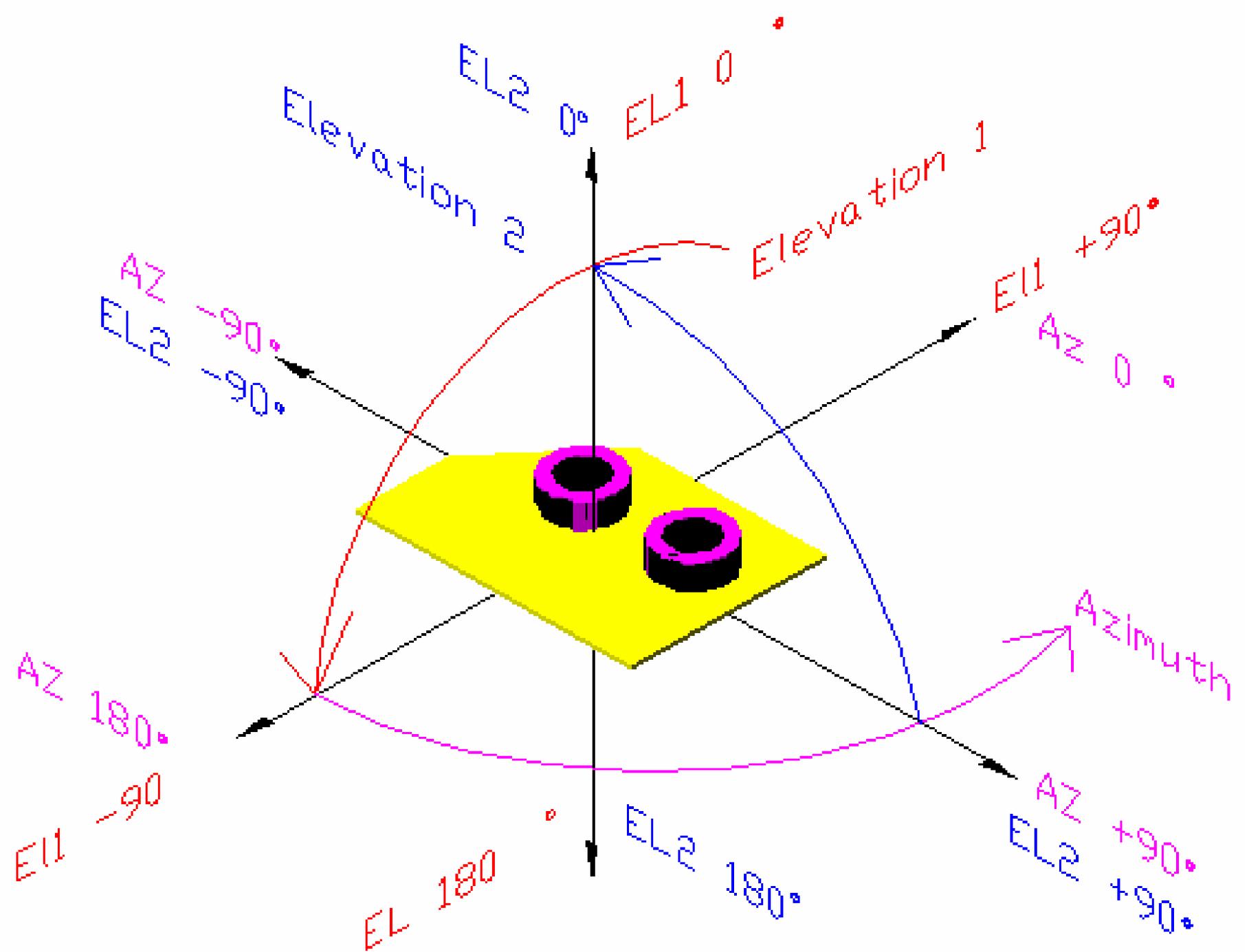
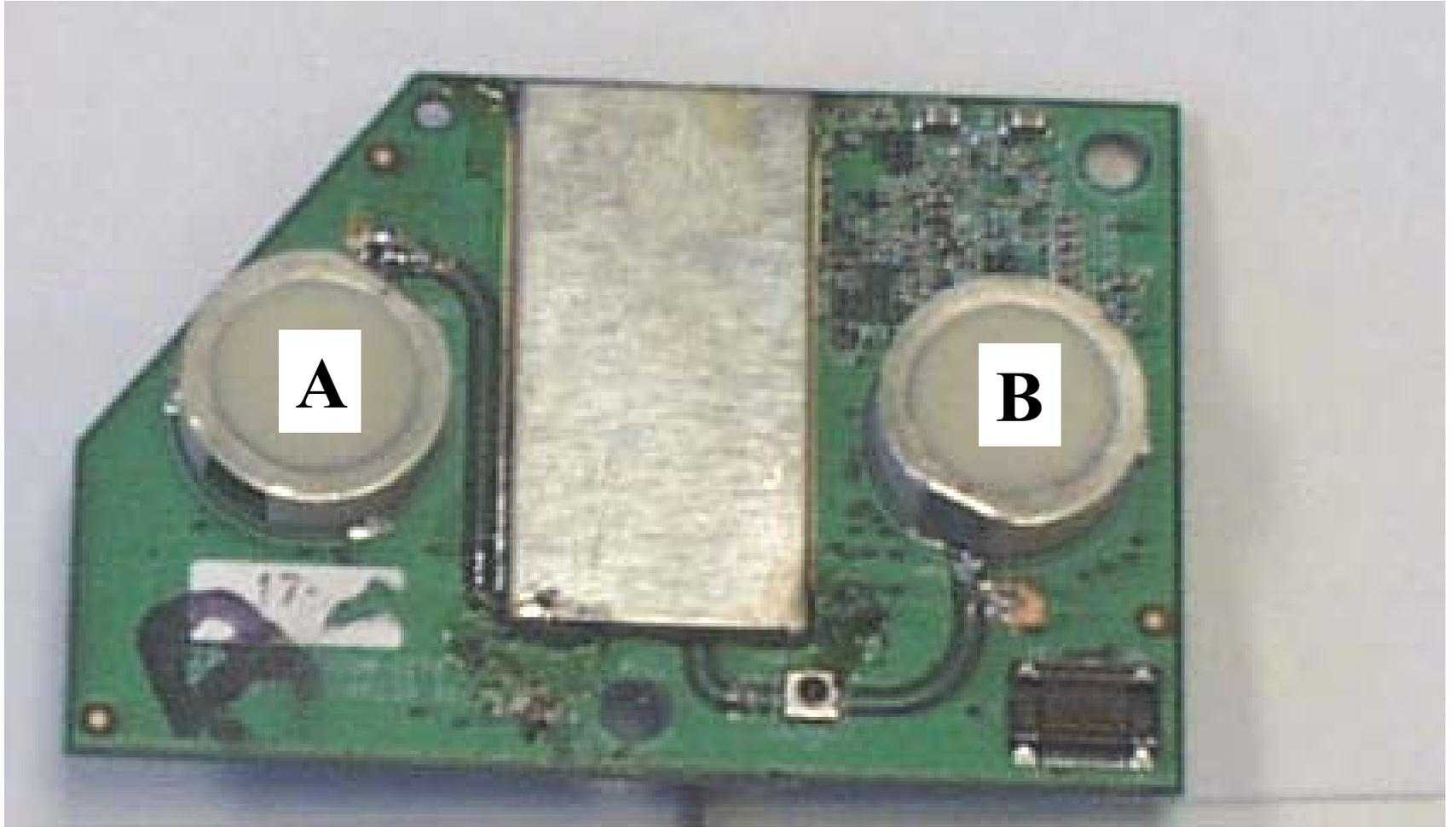


Venus Radio Free Space

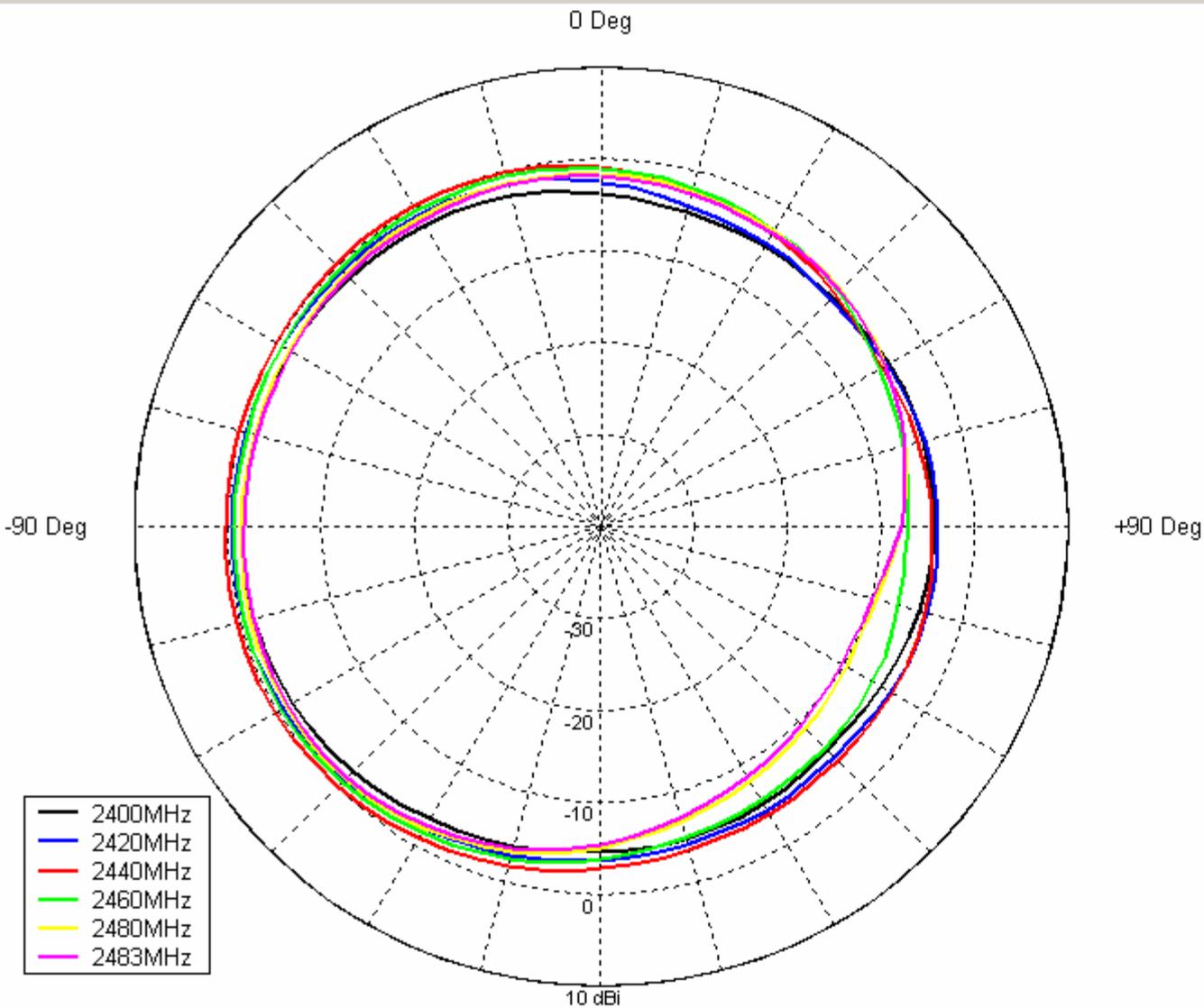
10/29/04

The following data is of the Venus radio board in free space. This is the latest version of the of the fully assembled board.





Azimuth



NEW ASH36823.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 1:57PM

Vertical Azimuth

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-3.46	-1.46
2420	-2.57	-0.39
2440	-1.78	0.42
2460	-2.61	-0.31
2480	-3.43	-0.92
2483	-3.72	-1.19
Ave.	-2.97	-0.71

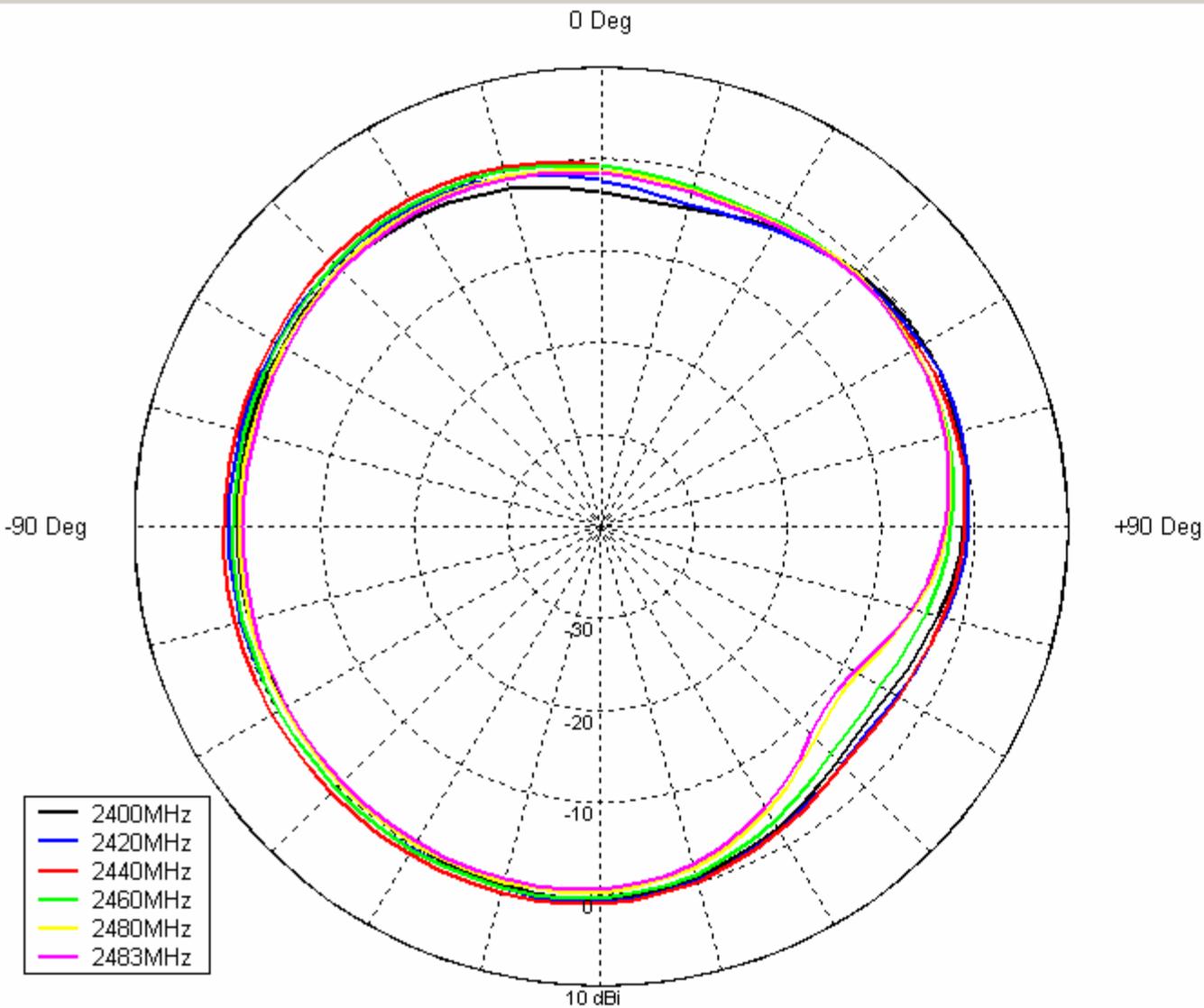
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36822NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 1:57PM

TOTAL Azimuth

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-1.32	0.57
2420	-0.74	0.89
2440	-0.29	1.24
2460	-1.01	0.67
2480	-1.69	0.01
2483	-1.99	-0.33
Ave.	-1.20	0.49

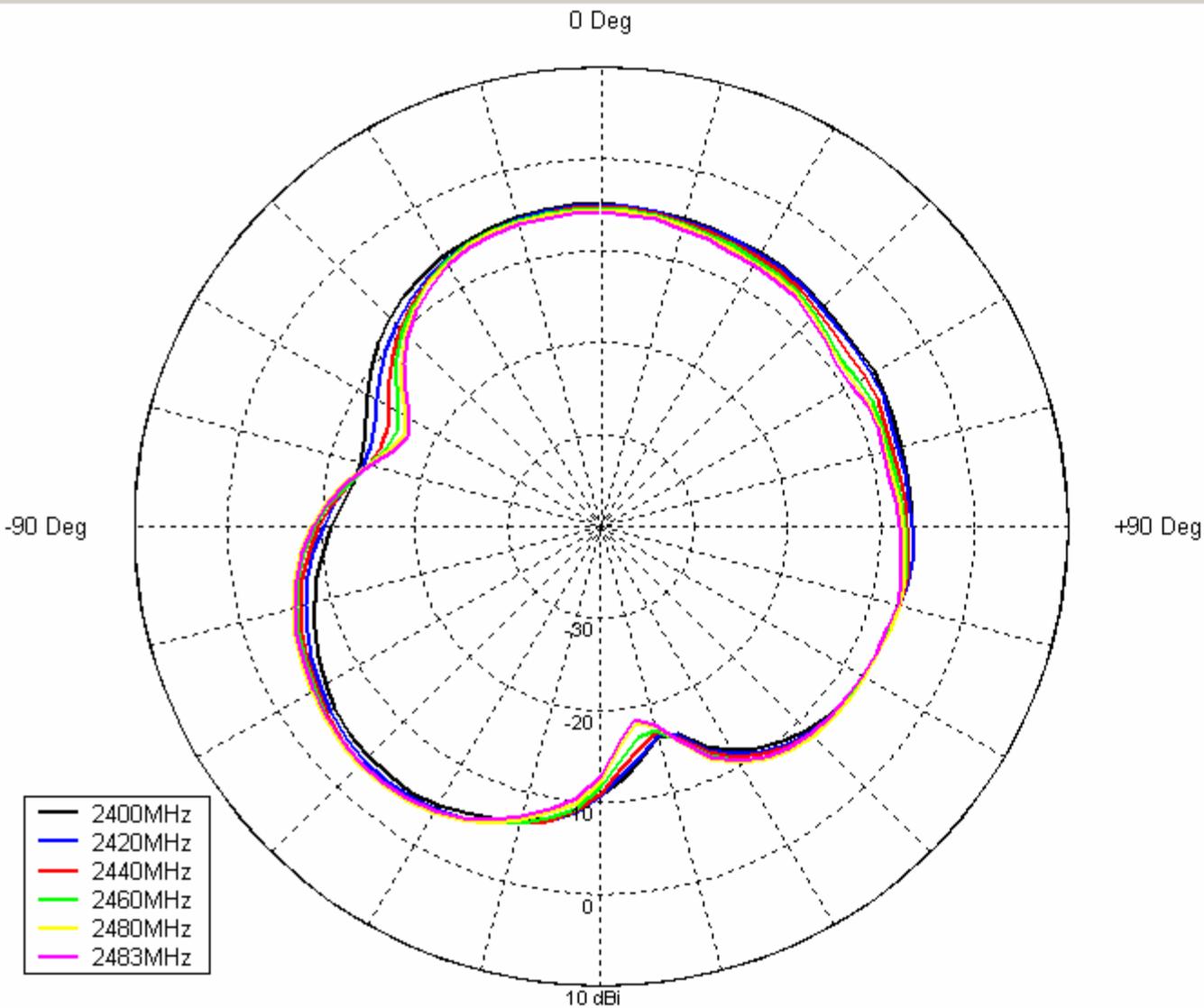
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36824.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:08PM

Horizontal Azimuth

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-7.40	-4.62
2420	-7.36	-4.04
2440	-7.47	-3.67
2460	-7.59	-3.46
2480	-7.65	-3.33
2483	-7.97	-3.61
Ave.	-7.59	-3.81

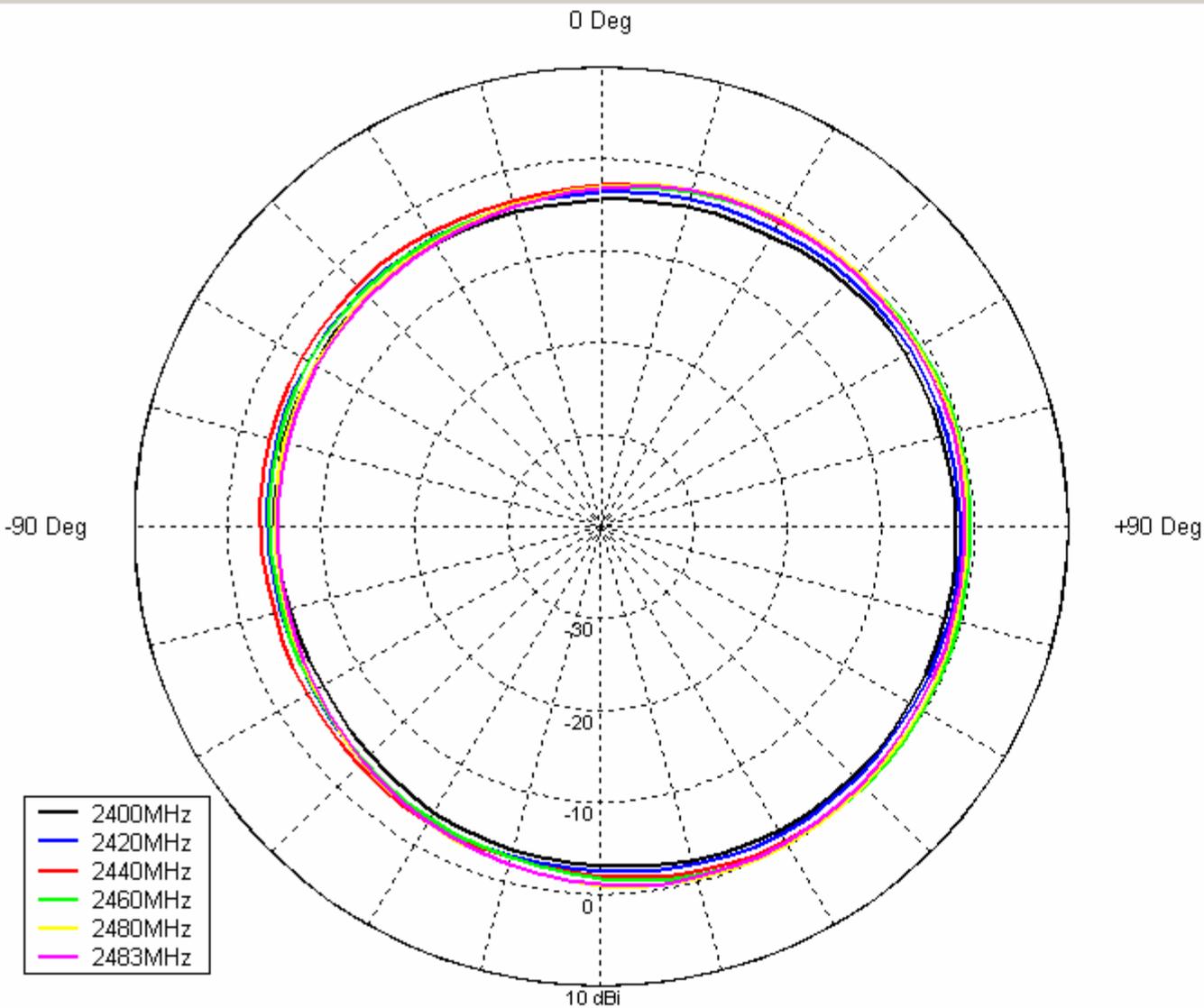
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36825.csv

Freq (MHz) correction (dB)

All

Operator: BK
 10/29/04 2:11PM
 Vertical Azimuth
 Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-3.46	-1.60
2420	-2.79	-1.29
2440	-2.00	-0.23
2460	-2.18	-0.02
2480	-2.22	-0.08
2483	-2.44	-0.31
Ave.	-2.52	-0.64

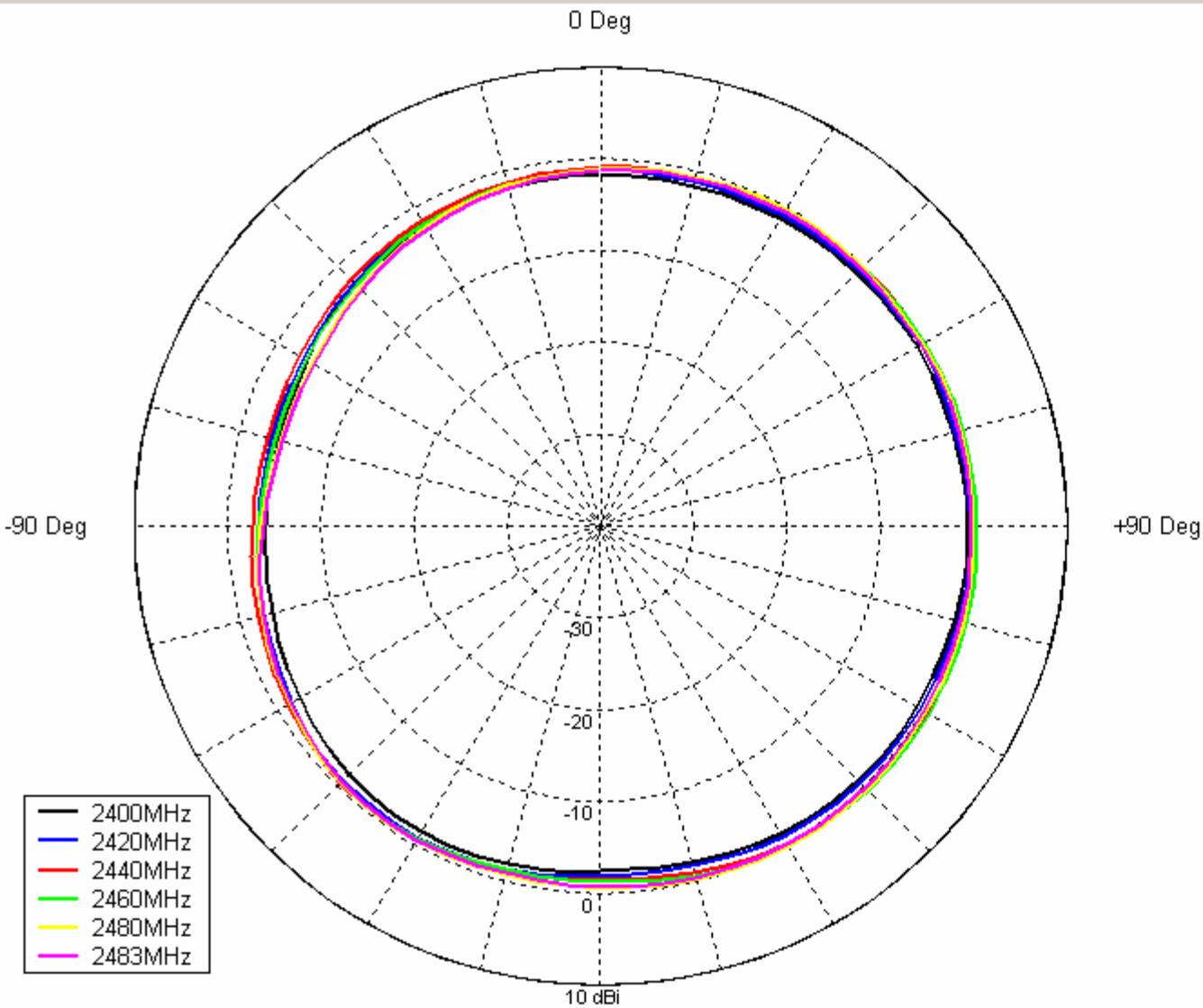
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36824NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:11PM

TOTAL Azimuth

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-1.88	-0.51
2420	-1.40	-0.17
2440	-0.81	0.56
2460	-0.95	0.69
2480	-1.00	0.51
2483	-1.24	0.23
Ave.	-1.22	0.12

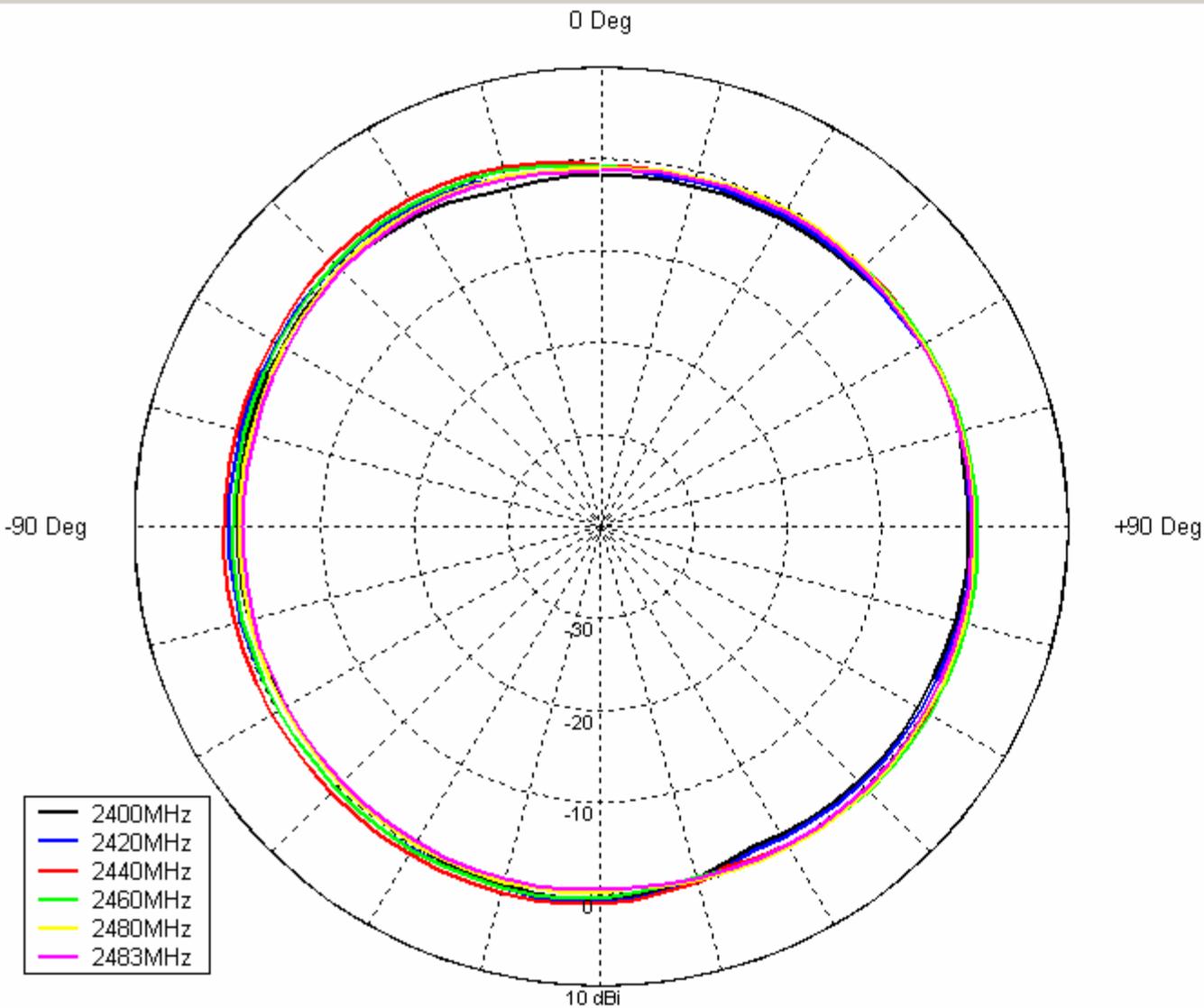
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



Tahoe_Final

Freq (MHz) correction (dB)

All

Operator: BK,
 10/29/2004, 10:53AM,
 Combined Max Value, AZ,
 Tahoe Final Free Space,

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-0.74	0.57
2420	-0.23	0.89
2440	0.40	1.24
2460	0.07	0.69
2480	-0.32	0.51
2483	-0.61	0.23
Ave.	-0.25	0.49

Add Legend

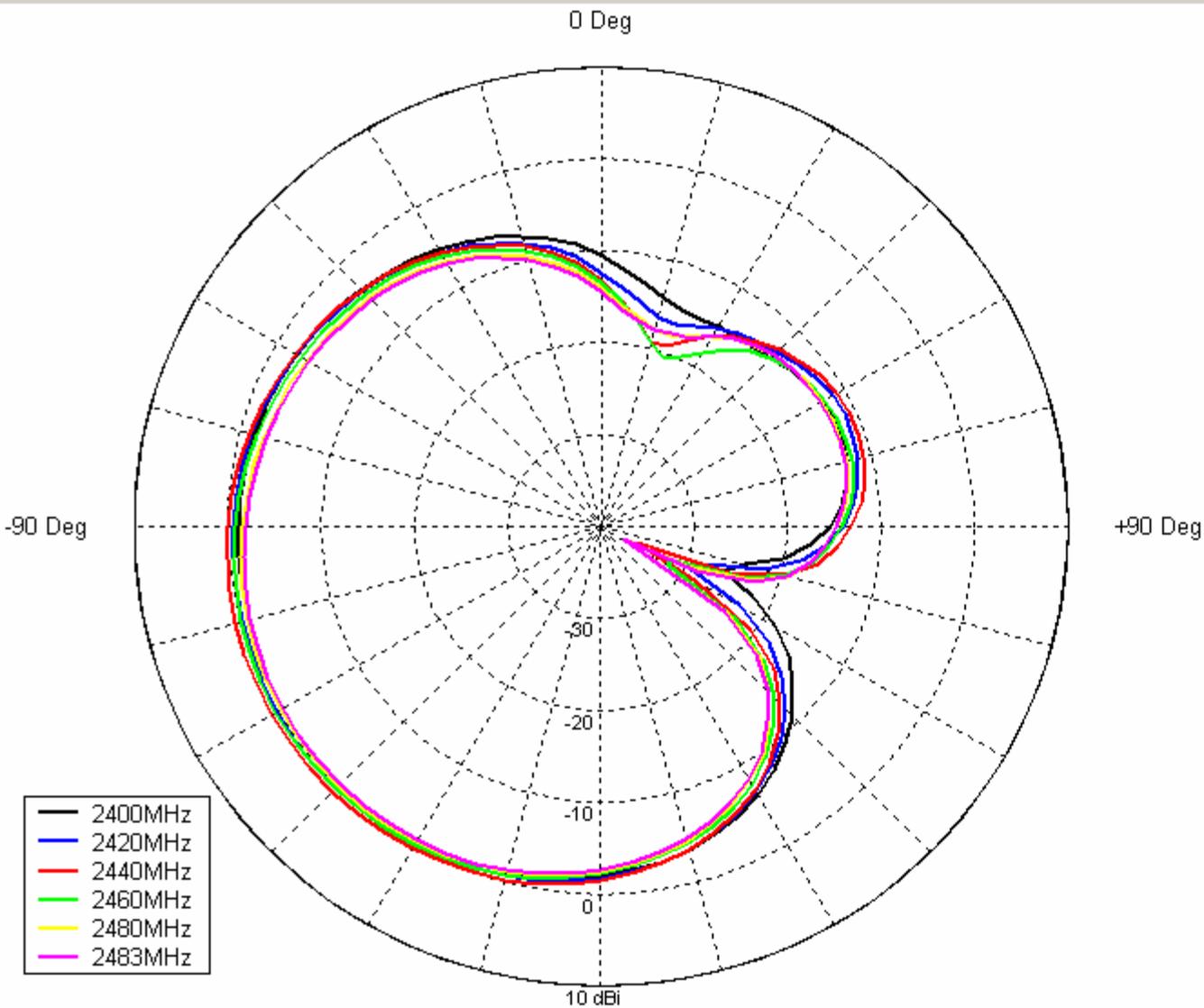
Plot Type

Polar

Rotate Plot Flip Plot

Combined Max Value in Azimuth

Elevation 1



NEW ASH36830.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:45PM

Horizontal Elevation1

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-5.50	-0.34
2420	-5.33	0.20
2440	-5.05	0.83
2460	-5.74	0.32
2480	-6.18	-0.14
2483	-6.43	-0.41
Ave.	-5.72	0.07

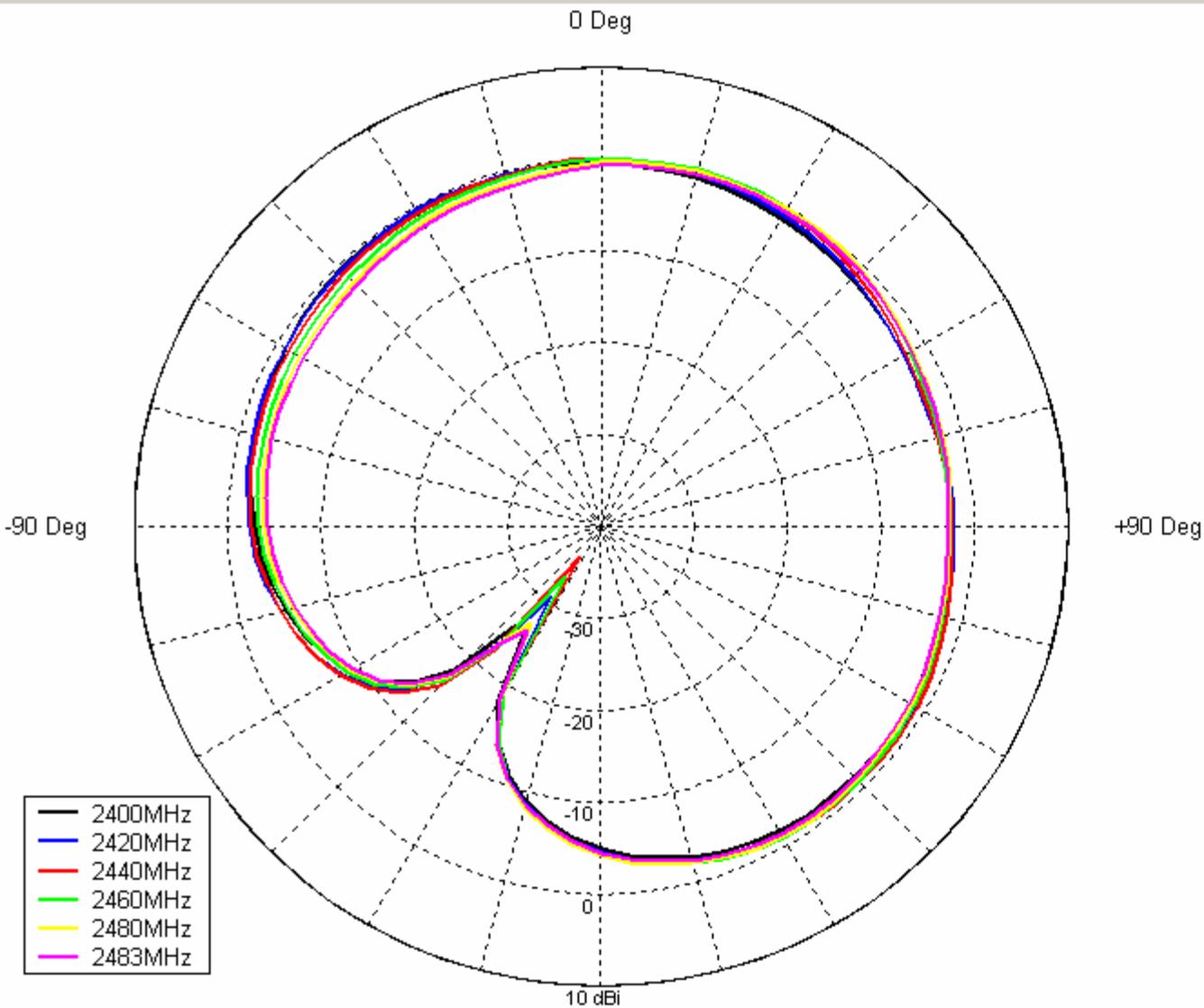
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36831.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:48PM

Vertical Elevation1

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-2.96	-0.32
2420	-2.67	-0.10
2440	-2.59	0.09
2460	-2.78	0.26
2480	-2.99	0.06
2483	-3.29	-0.24
Ave.	-2.89	-0.16

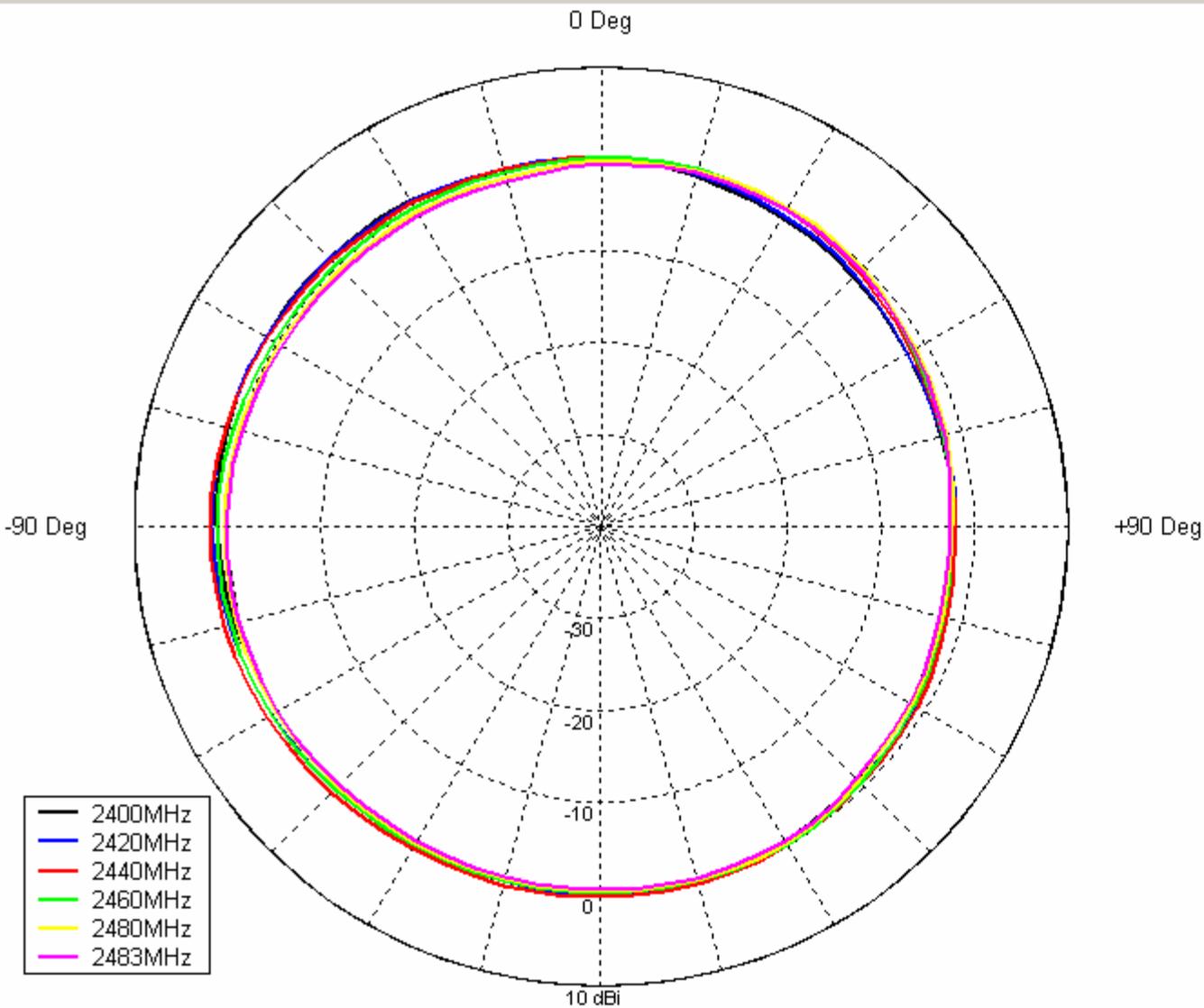
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36830NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:48PM

TOTAL Elevation1

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-0.33	1.42
2420	-0.05	1.70
2440	0.17	1.90
2460	-0.18	1.14
2480	-0.48	0.42
2483	-0.76	0.13
Ave.	-0.28	1.03

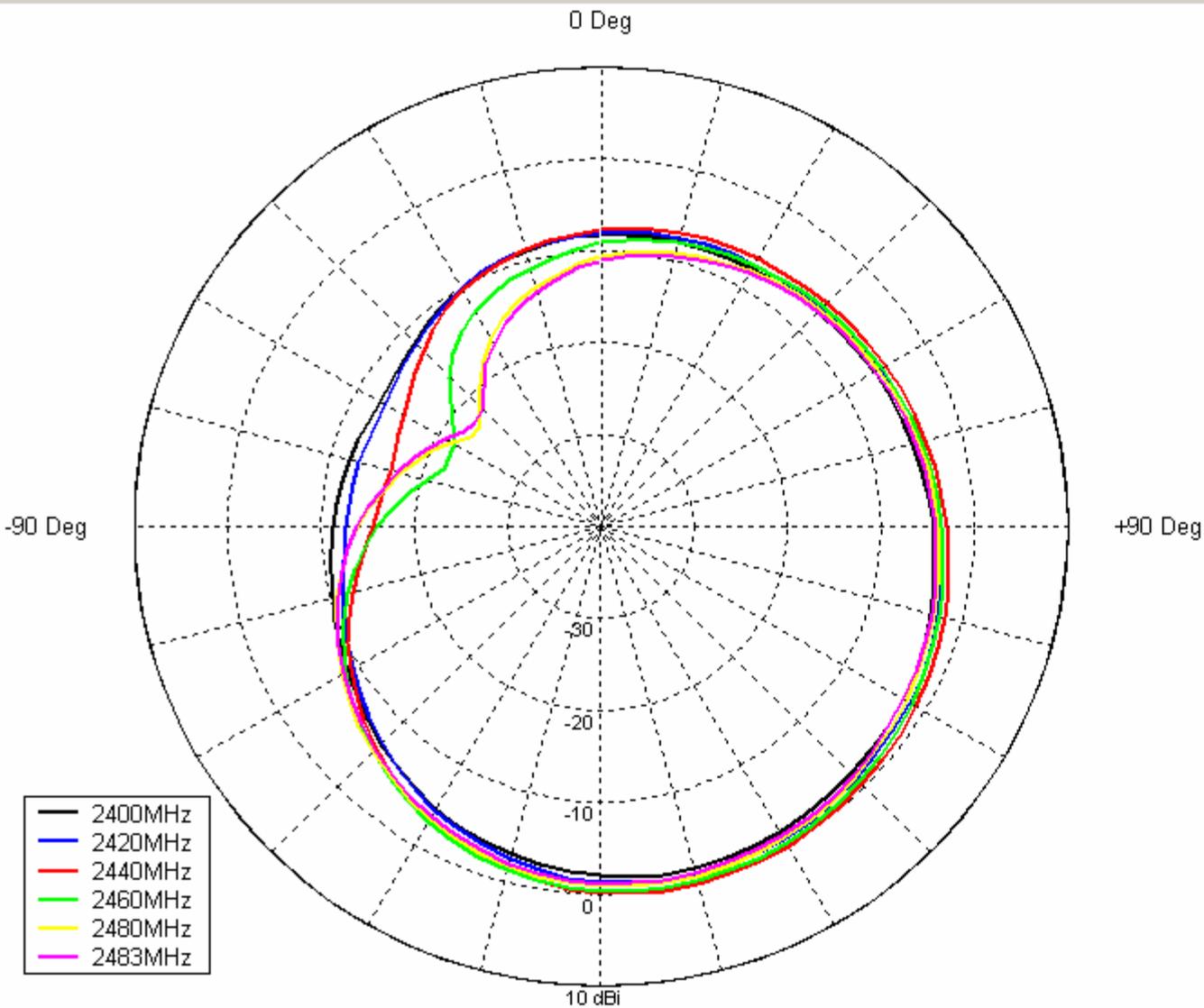
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36832.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:51PM

Horizontal Elevation1

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-6.00	-1.49
2420	-5.62	-0.71
2440	-5.04	0.24
2460	-5.62	-0.07
2480	-6.14	-0.62
2483	-6.42	-0.94
Ave.	-5.86	-0.60

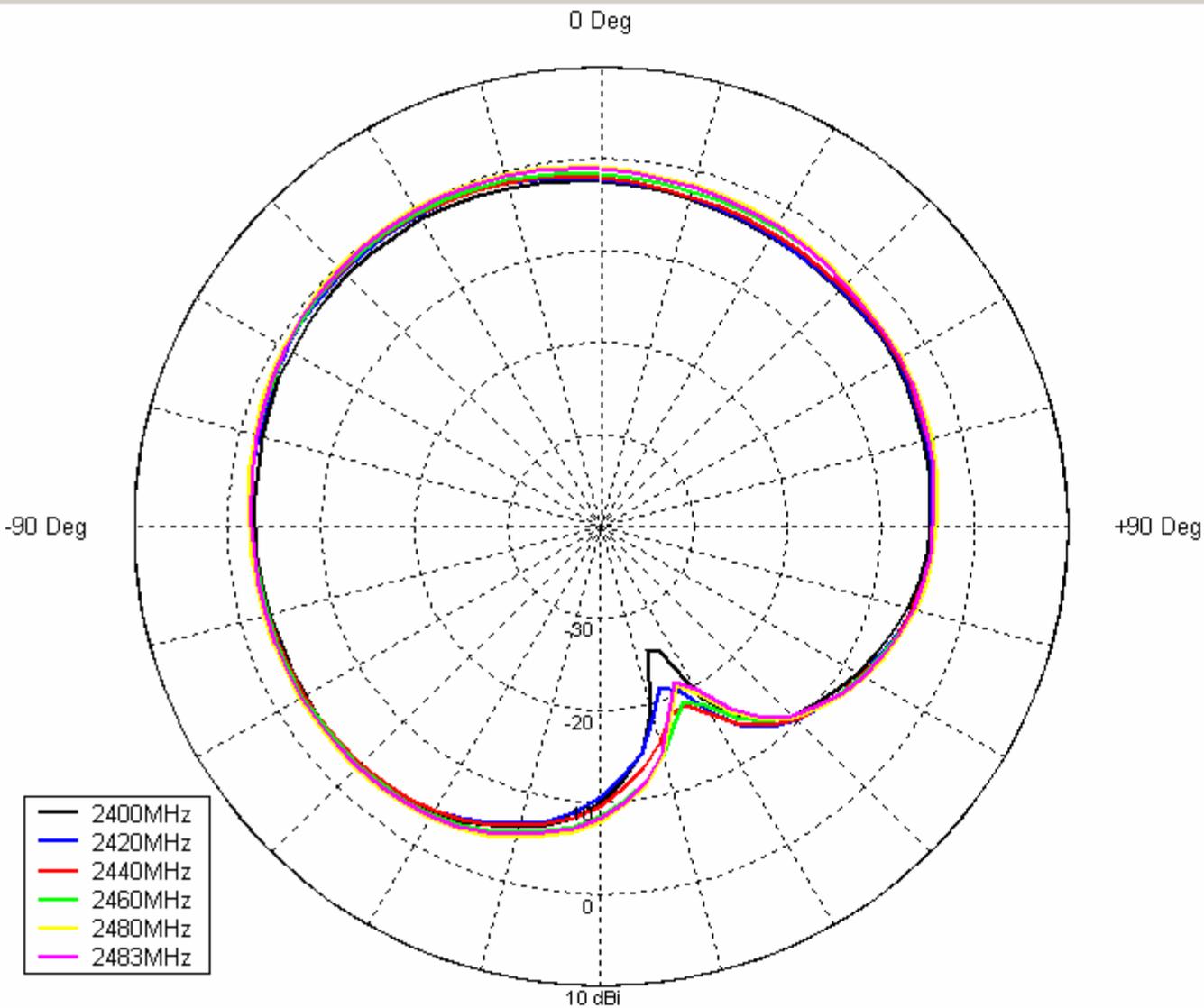
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36834.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 3:03PM

Vertical Elevation1

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-4.49	-1.43
2420	-4.20	-0.79
2440	-4.06	-0.65
2460	-3.78	-0.54
2480	-3.40	-0.08
2483	-3.65	-0.27
Ave.	-3.94	-0.63

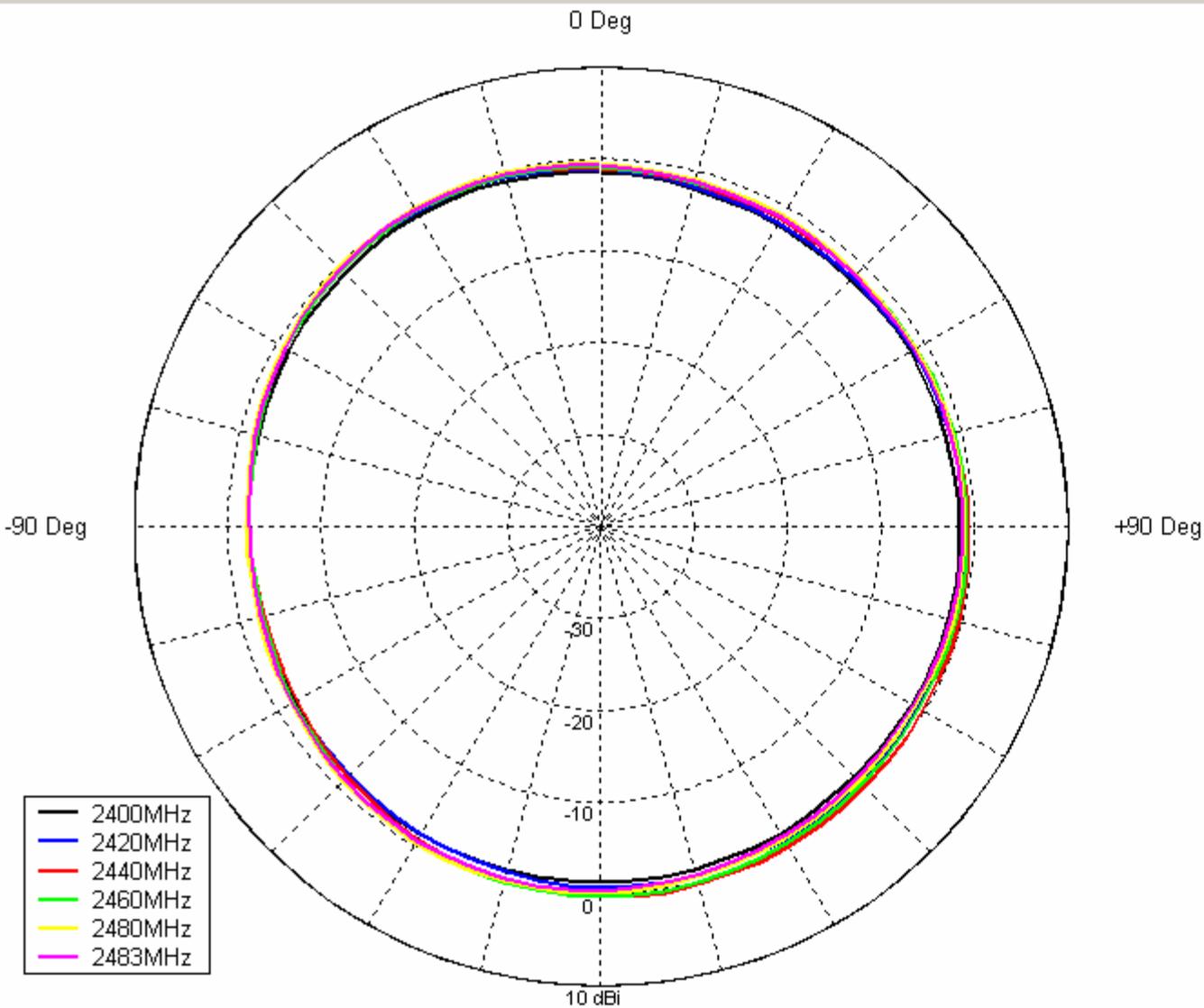
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36832NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 3:03PM

TOTAL Elevation1

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-1.63	-0.90
2420	-1.24	-0.38
2440	-0.84	0.41
2460	-0.87	0.29
2480	-0.82	0.00
2483	-1.08	-0.21
Ave.	-1.08	-0.33

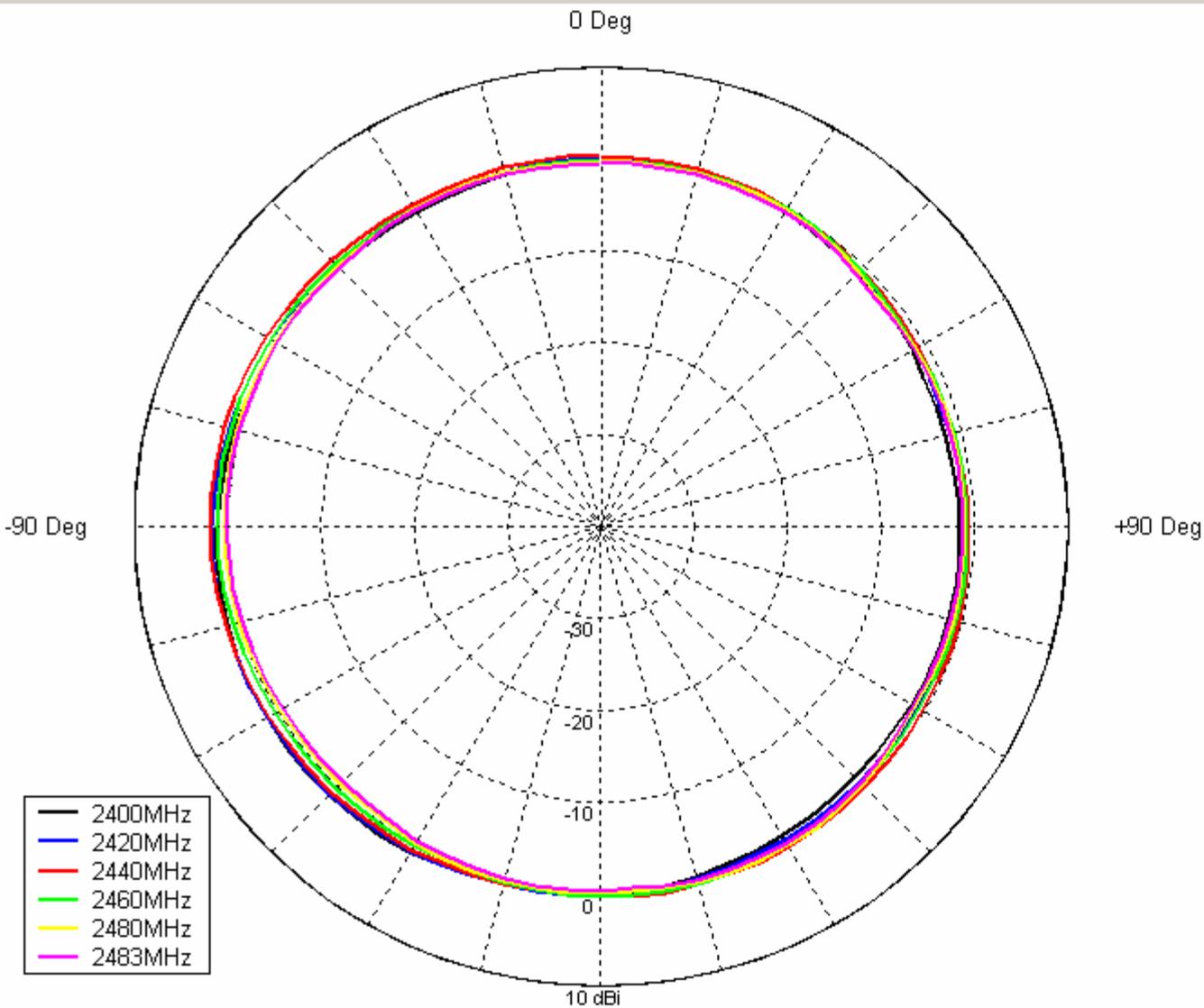
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



Tahoe_Final

Freq (MHz) correction (dB)

All

Operator: BK,
10/29/2004, 10:53AM,
Combined Max Value, EL1,
Tahoe Final Free Space,

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-0.24	1.42
2420	0.11	1.70
2440	0.43	1.90
2460	0.02	1.14
2480	-0.28	0.42
2483	-0.56	0.13
Ave.	-0.09	1.03

Add Legend

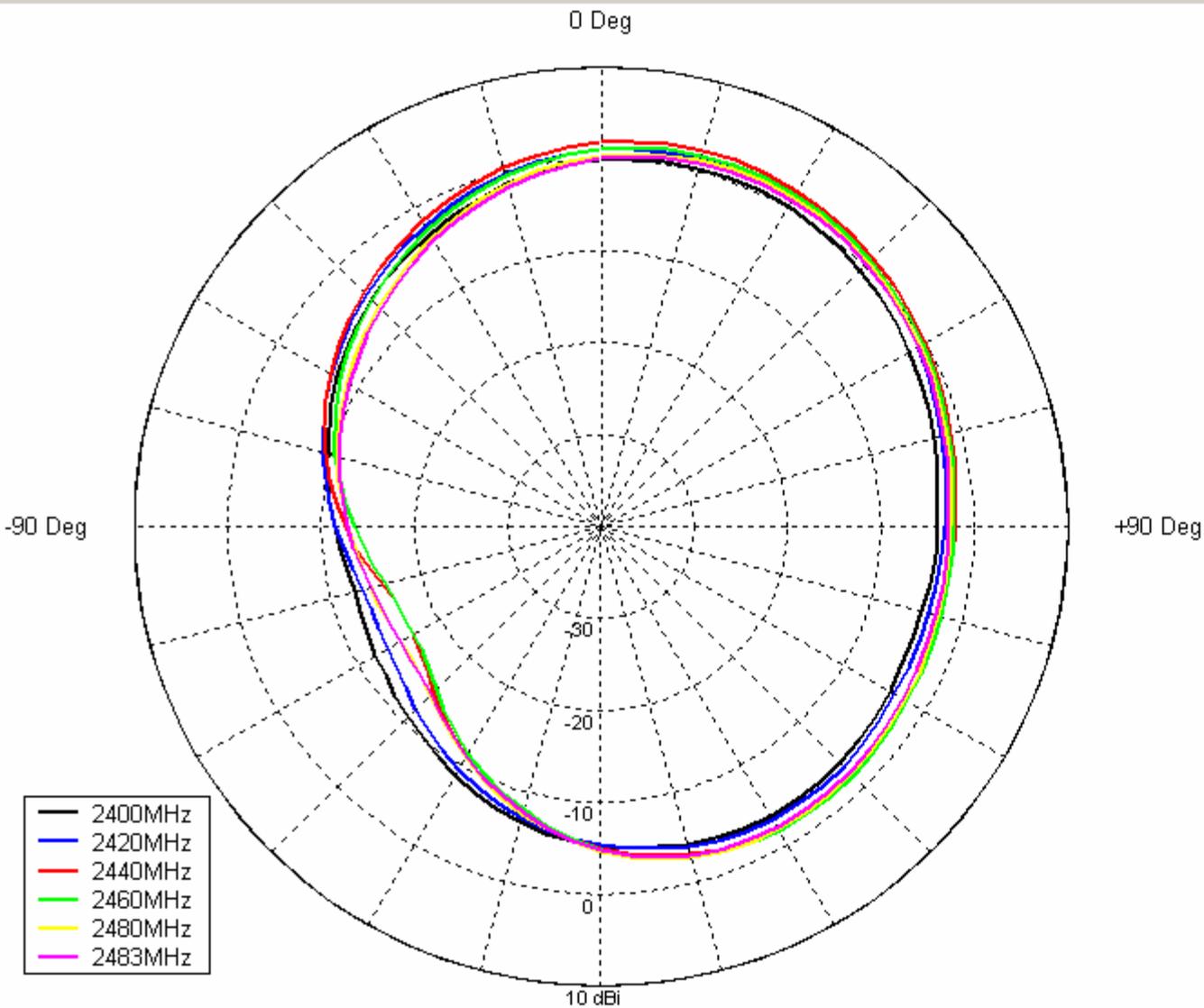
Plot Type

Polar

Rotate Plot Flip Plot

Combined Max Value in Elevation 1

Elevation 2



NEW ASH36828.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:24PM

Horizontal Elevation2

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-4.29	0.38
2420	-3.64	1.47
2440	-3.03	2.36
2460	-3.42	1.82
2480	-3.76	1.33
2483	-4.00	1.10
Ave.	-3.71	1.39

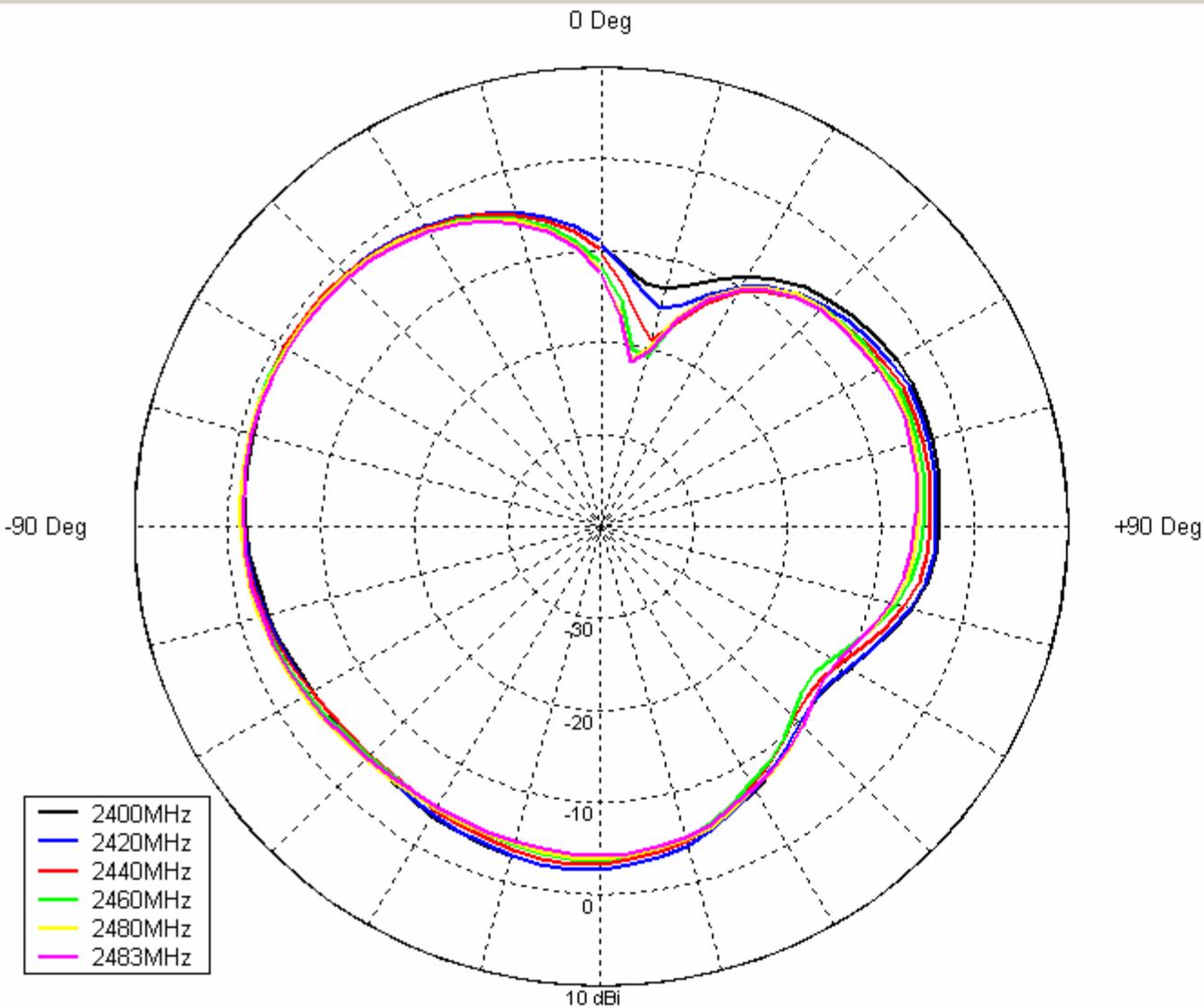
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36829.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:29PM

Vertical Elevation2

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-4.44	-1.05
2420	-4.52	-0.82
2440	-4.88	-0.85
2460	-5.14	-0.93
2480	-5.10	-0.96
2483	-5.35	-1.22
Ave.	-4.92	-0.99

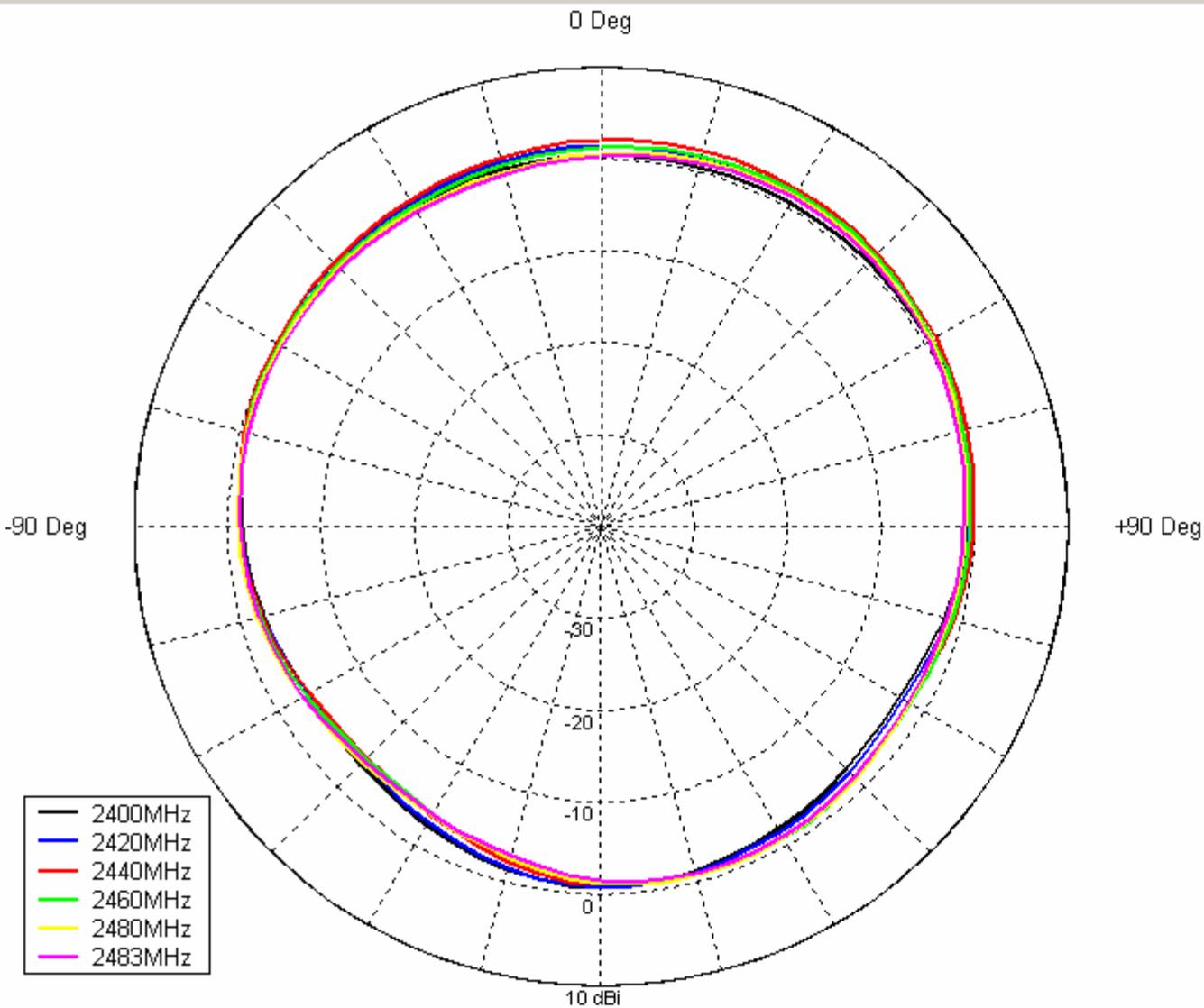
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36828NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:29PM

TOTAL Elevation2

Tahoe

{A} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-0.94	0.70
2420	-0.55	1.57
2440	-0.22	2.41
2460	-0.51	1.94
2480	-0.71	1.55
2483	-0.96	1.30
Ave.	-0.65	1.55

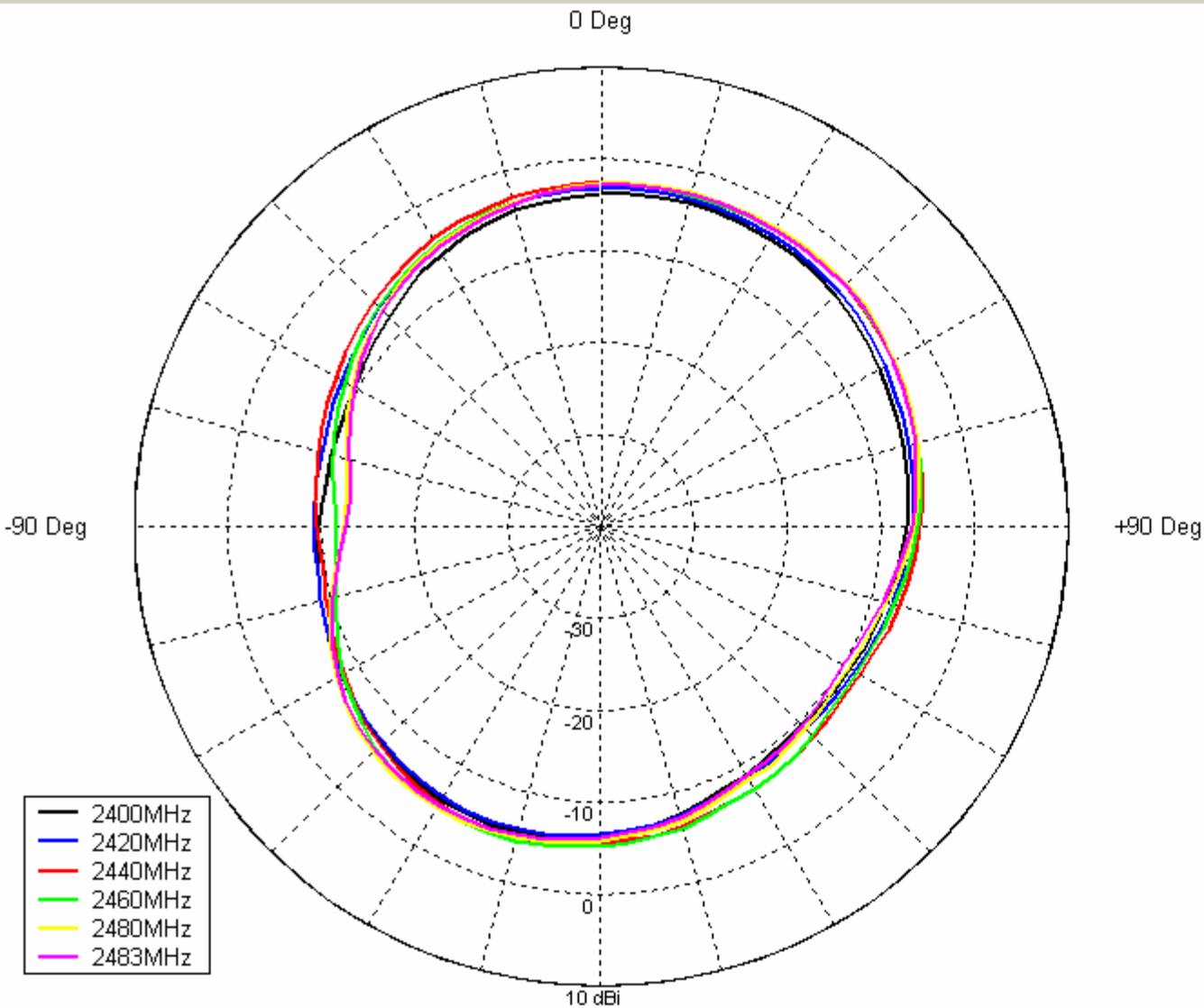
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36826.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:17PM

Horizontal Elevation2

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-6.66	-3.60
2420	-6.18	-3.03
2440	-5.46	-2.42
2460	-5.72	-2.65
2480	-5.90	-2.38
2483	-6.18	-2.58
Ave.	-6.03	-2.78

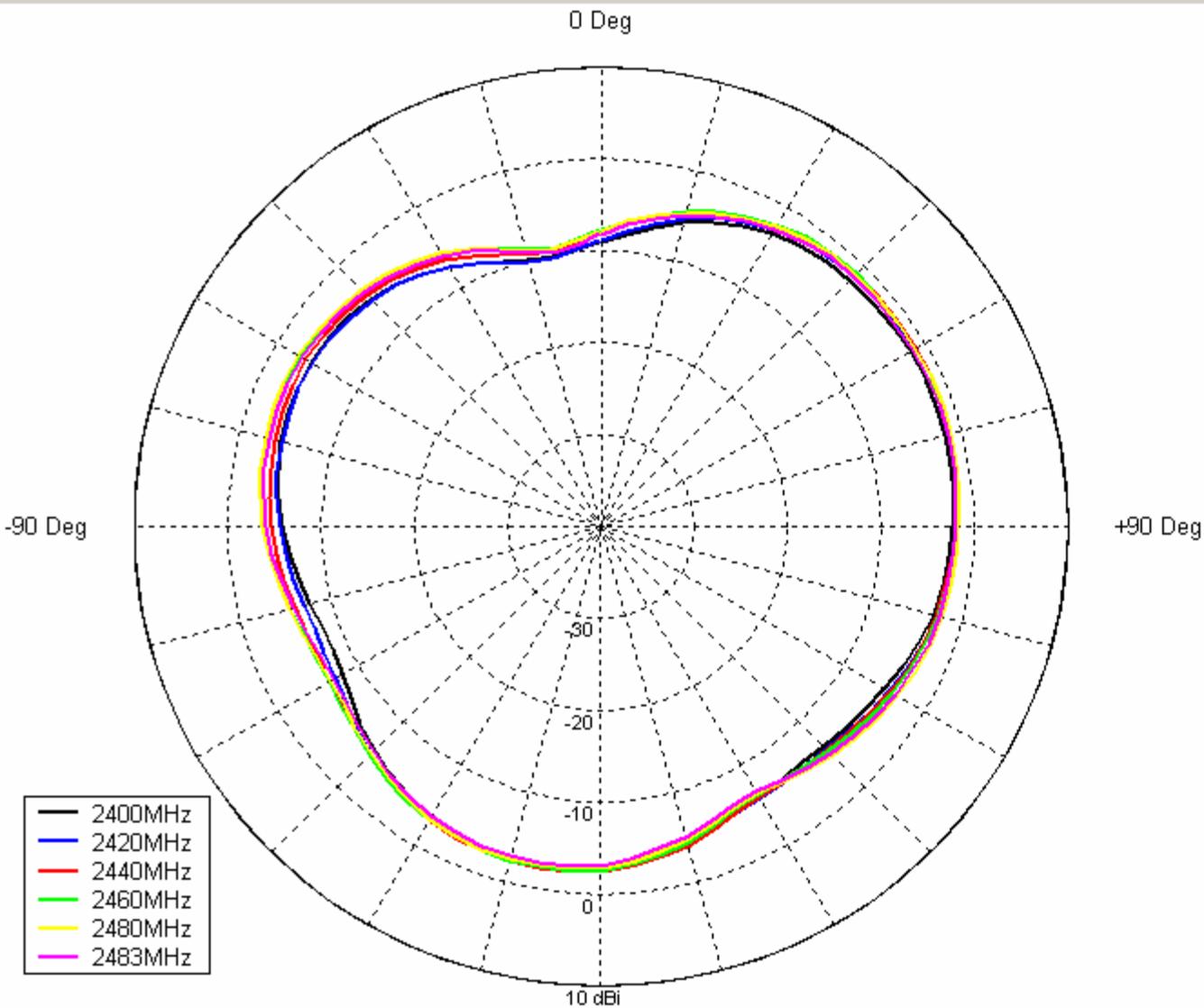
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36827.csv

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:20PM

Vertical Elevation2

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-4.68	-1.68
2420	-4.36	-1.09
2440	-4.01	-0.98
2460	-3.82	-1.07
2480	-3.77	-1.04
2483	-4.09	-1.30
Ave.	-4.13	-1.21

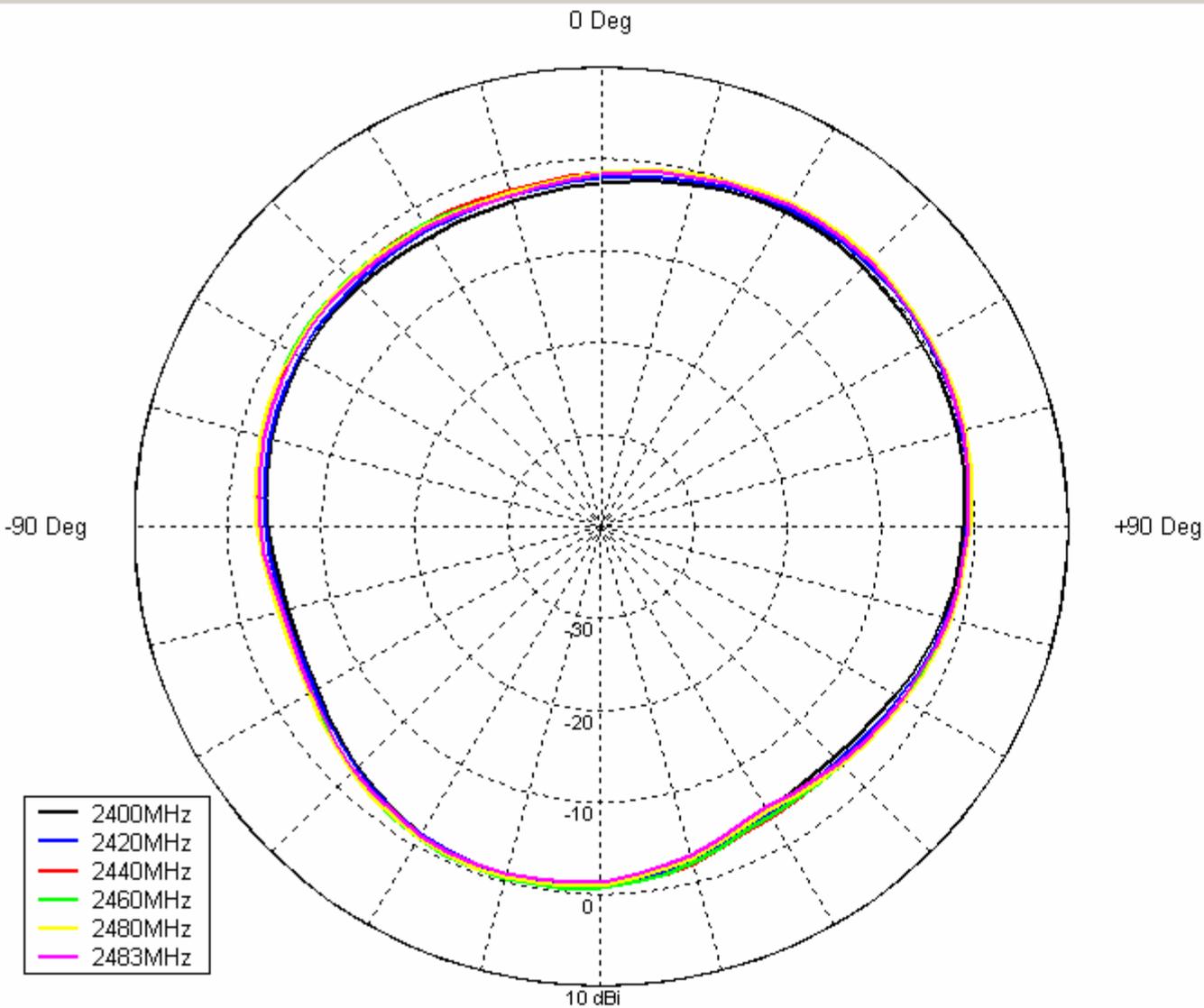
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



NEW ASH36826NEW

Freq (MHz) correction (dB)

All

Operator: BK

10/29/04 2:20PM

TOTAL Elevation2

Tahoe

{B} antenna

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-2.42	-0.20
2420	-2.03	0.43
2440	-1.55	1.01
2460	-1.54	1.01
2480	-1.54	1.02
2483	-1.84	0.76
Ave.	-1.82	0.66

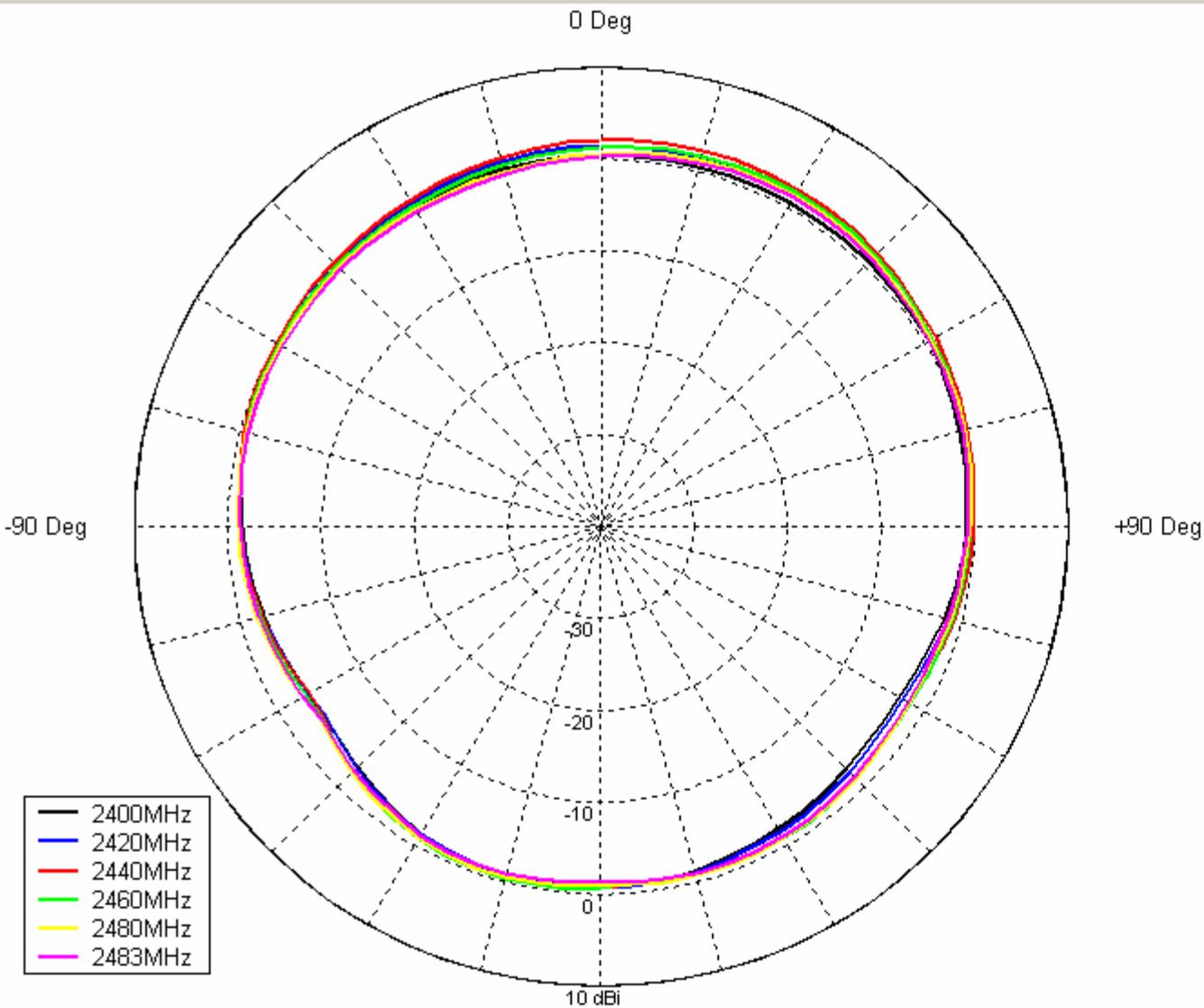
Add Legend

Plot Type

Polar

Rotate Plot

Flip Plot



Tahoe_Final

Freq (MHz) correction (dB)

All

Operator: BK,
10/29/2004, 10:53AM,
Combined Max Value, EL2,
Tahoe Final Free Space,

Antenna Statistics (dBi)

Freq.	Mean Gain	Peak Gain
2400	-0.87	0.70
2420	-0.44	1.57
2440	-0.00	2.41
2460	-0.25	1.94
2480	-0.43	1.55
2483	-0.70	1.30
Ave.	-0.45	1.55

Add Legend

Plot Type

Polar

Rotate Plot Flip Plot

Combined Max Value in Elevation 2