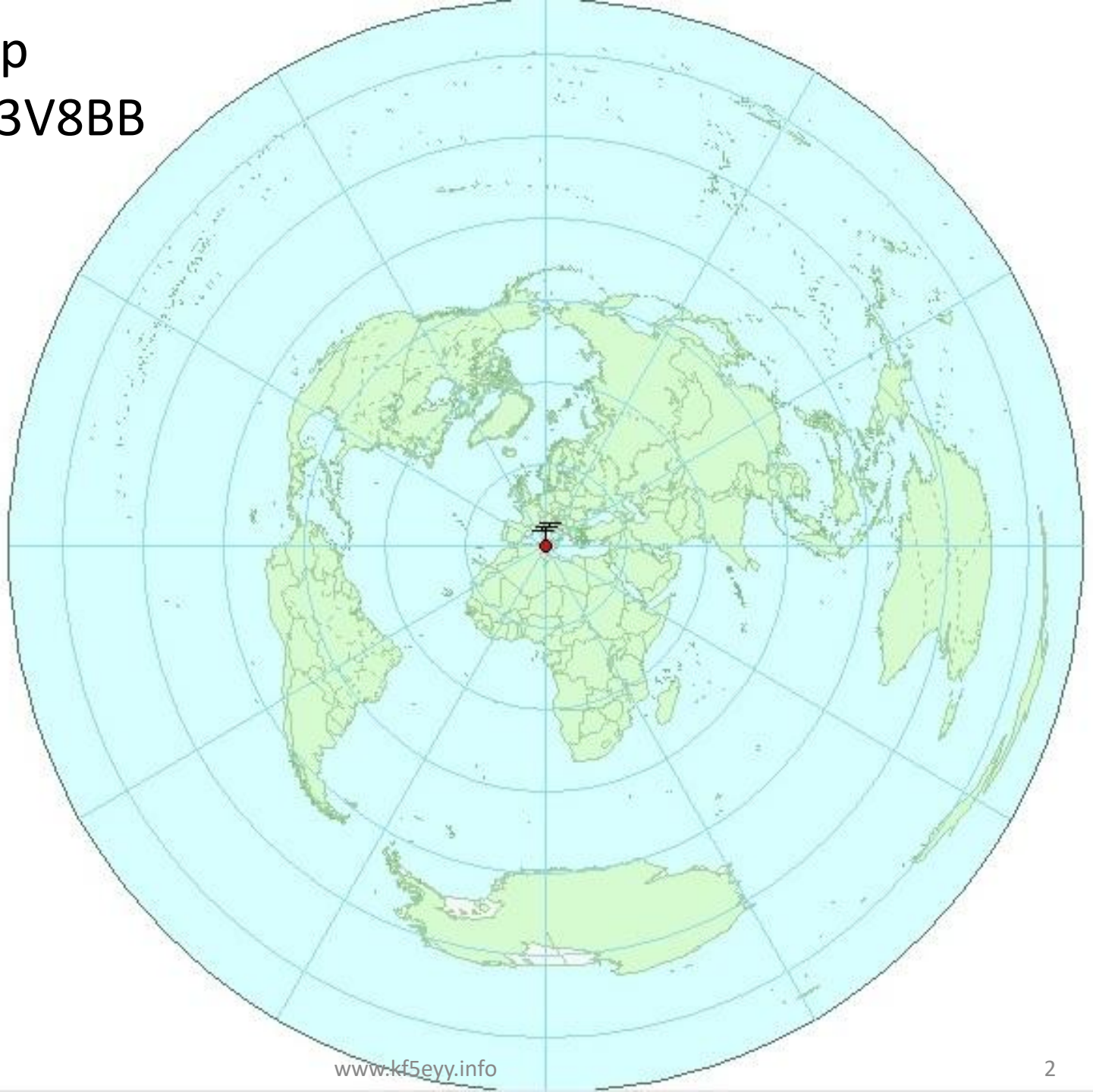


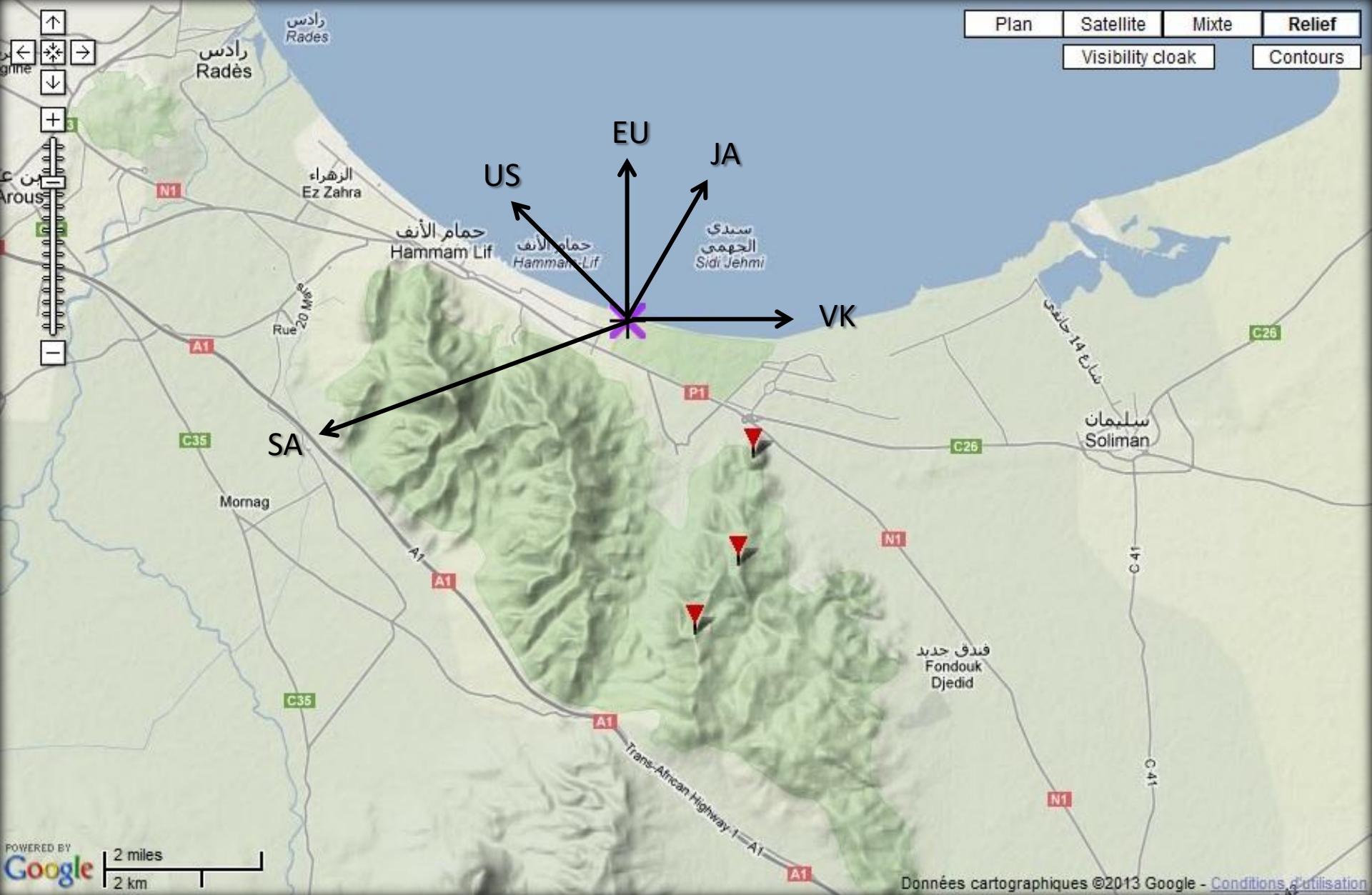
3V8BB Terrain Analysis

By Ash KF5EYY – www.kf5eyy.info



Azimuth Map centered at 3V8BB QTH



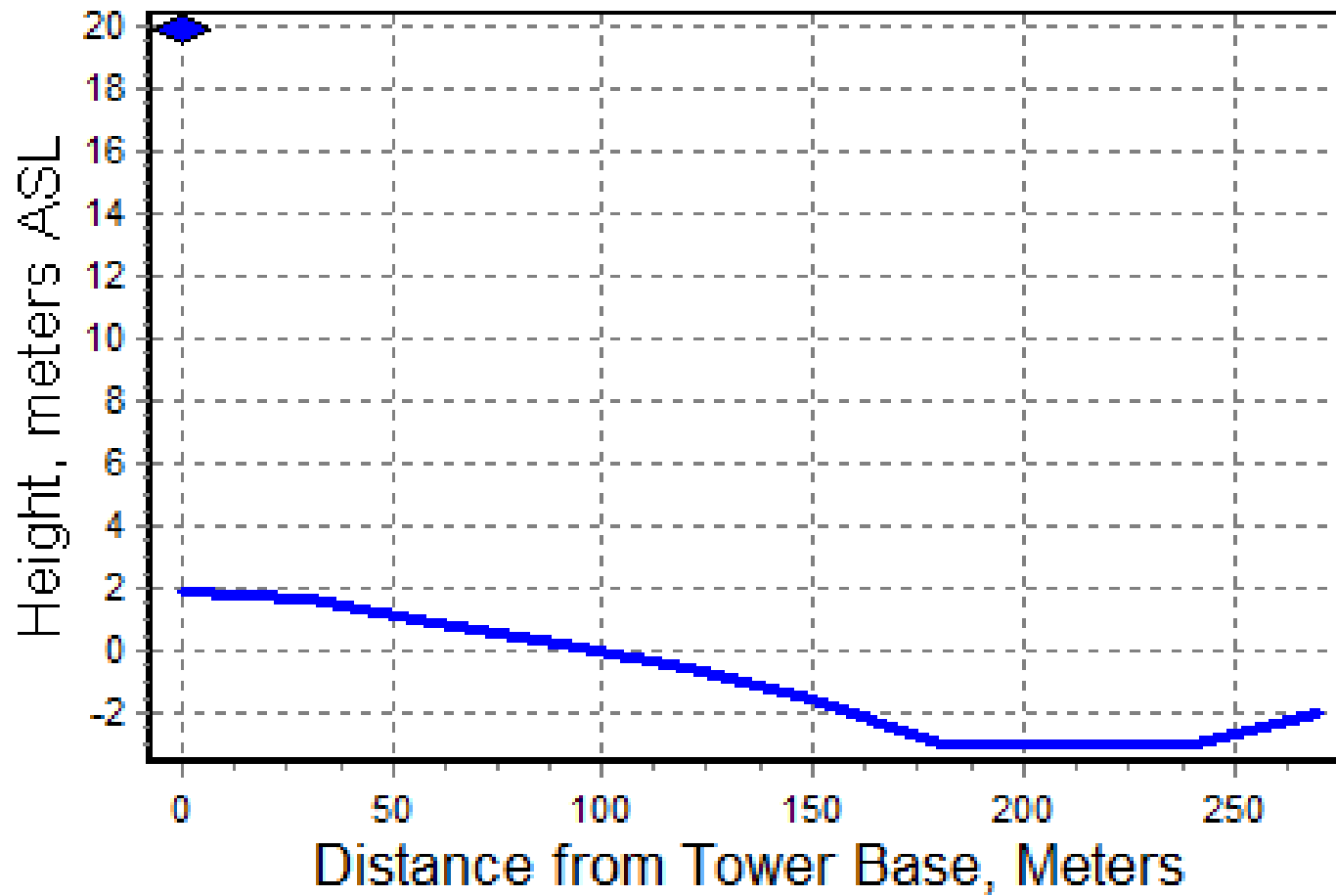


3V8BB QTH with main bearings

BEARING 315° - North America

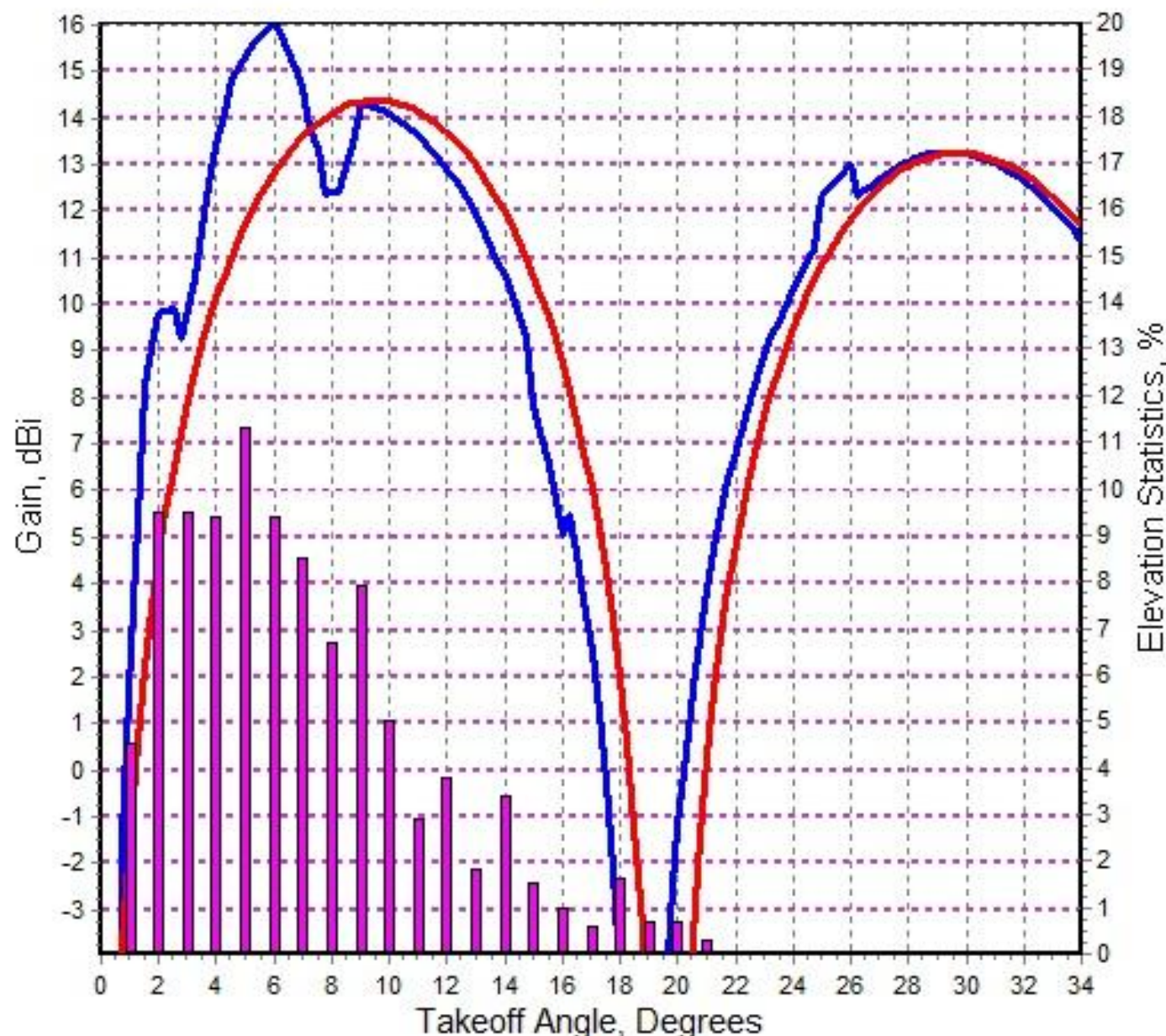
Elevation Statistics : 7X – US

Terrain Profile



3V8BB-315.00.PRO

18,0 m



Freq. = 28,0 MHz

Max. Gain: 16,0 dBi

3V8BB-315.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 13.2

FLAT.PRO

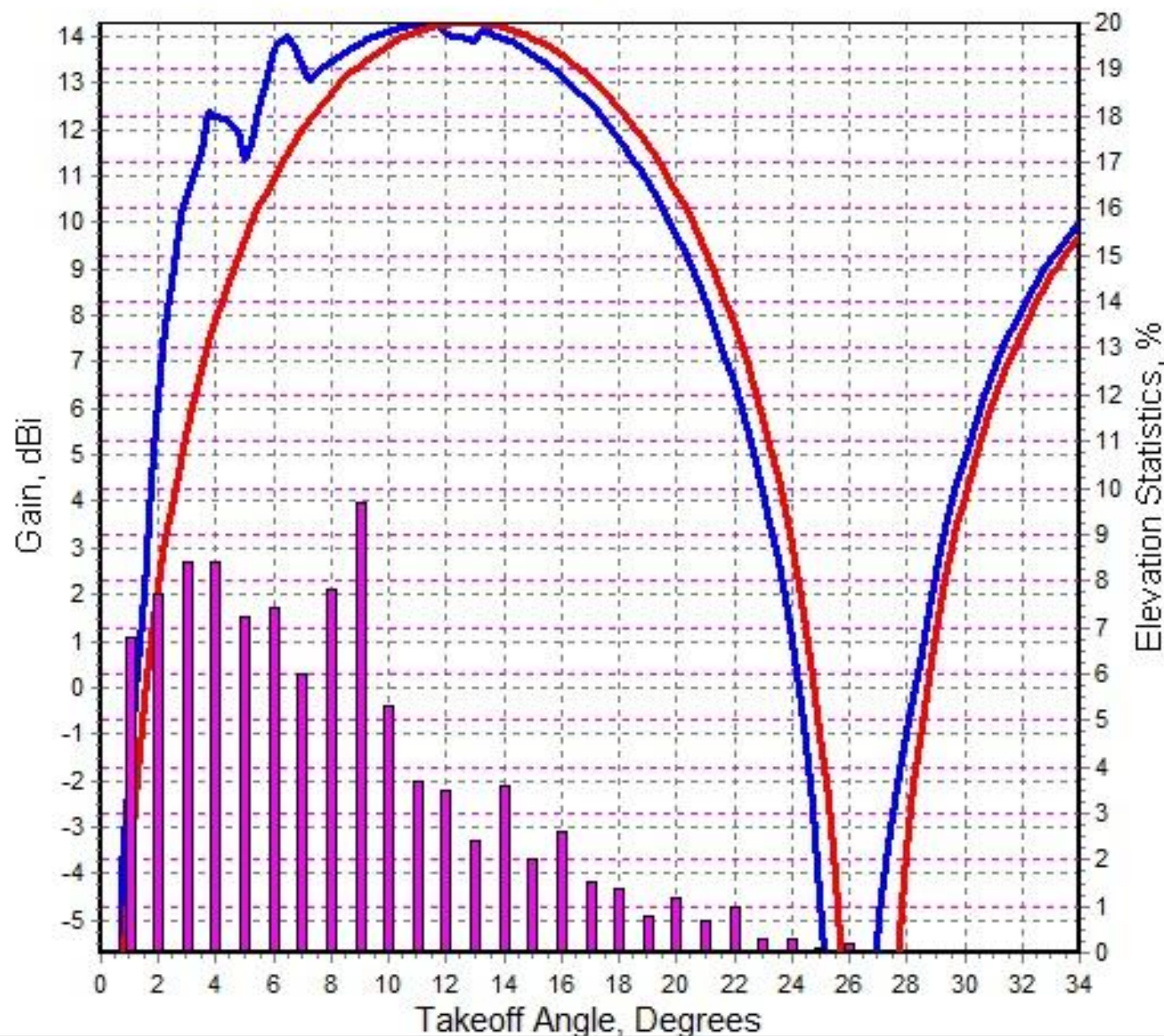
16,0 m

4-Ele.

Fig. of Merit: 11.9

Elev. Statistic

7X-US.PRN



Freq. = 21,0 MHz

Max. Gain: 14,3 dBi

3V8BB-315.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 12.4

FLAT.PRO

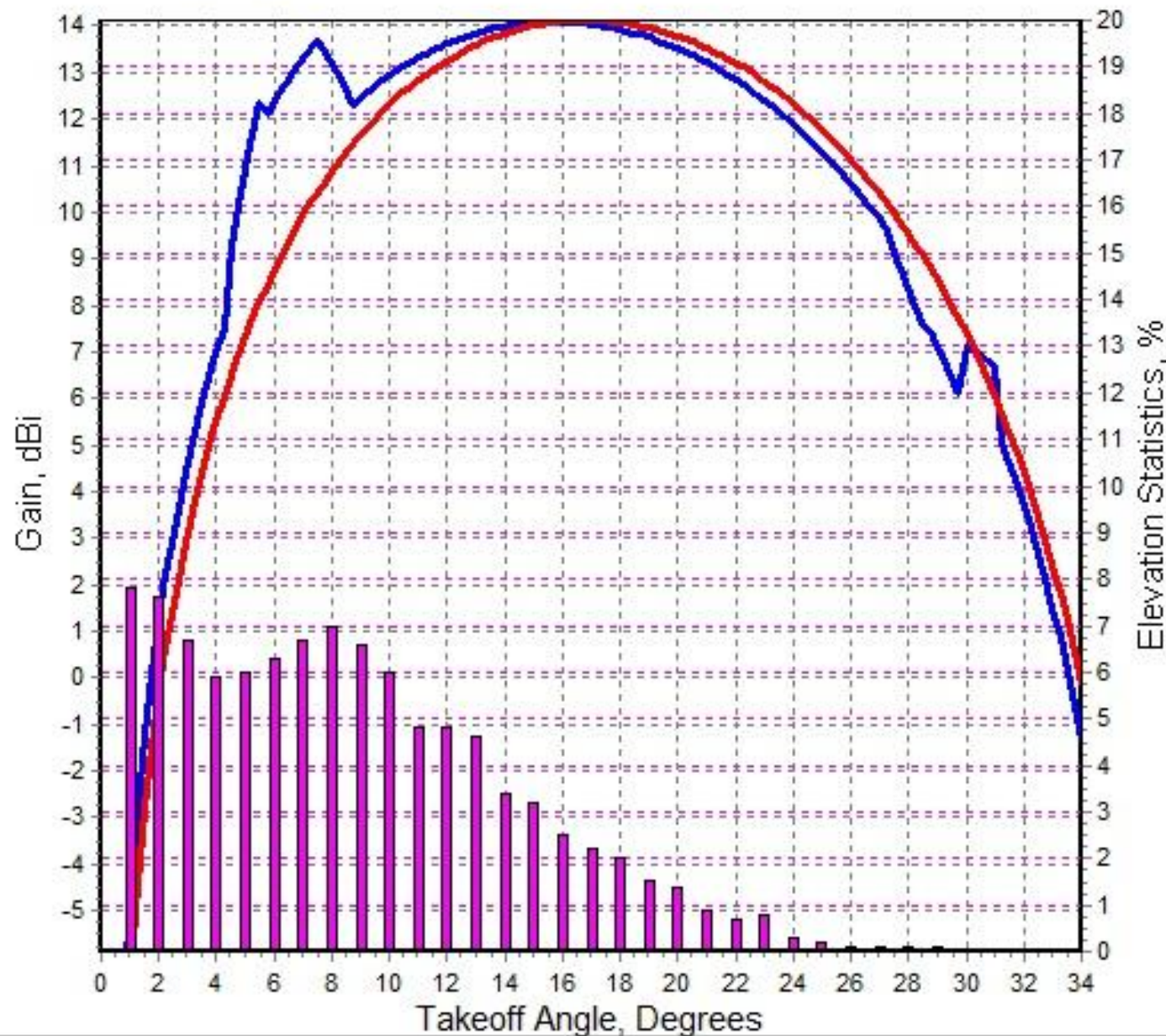
16,0 m

4-Ele.

Fig. of Merit: 11.4

Elev. Statistic

7X-US.PRN



Freq. = 14,0 MHz

Max. Gain: 14,1 dBi

3V8BB-315.00.PRO

18,0 m

4-Ele.

Fig. of Merit: 11.9

FLAT.PRO

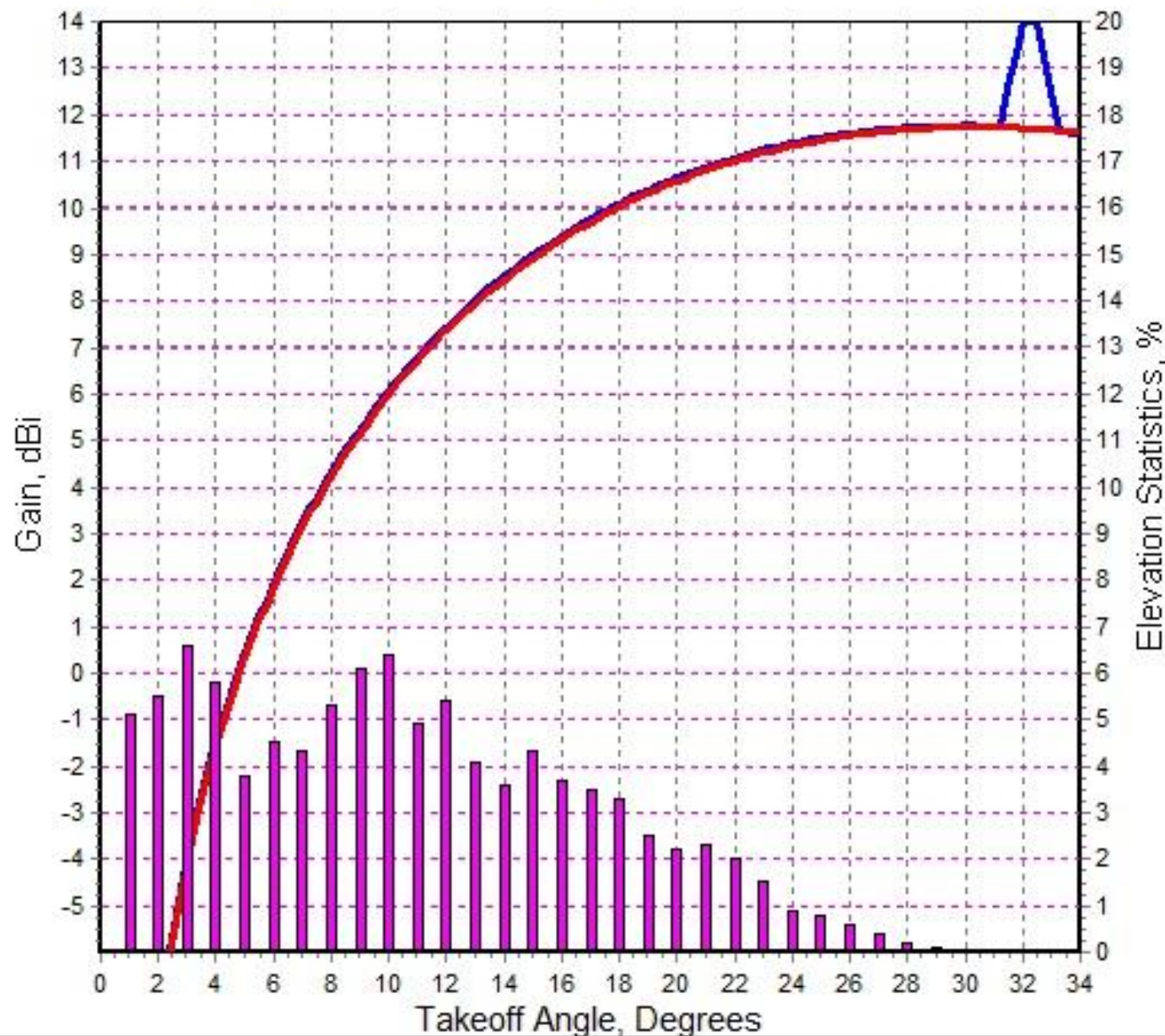
18,0 m

4-Ele.

Fig. of Merit: 10.9

Elev. Statistic

7X-US.PRN



Freq. = 7,0 MHz
Max. Gain: 14,0 dBi

3V8SS-315.00.PRO
19,0 m
3-Ele.
Fig. of Merit: 7

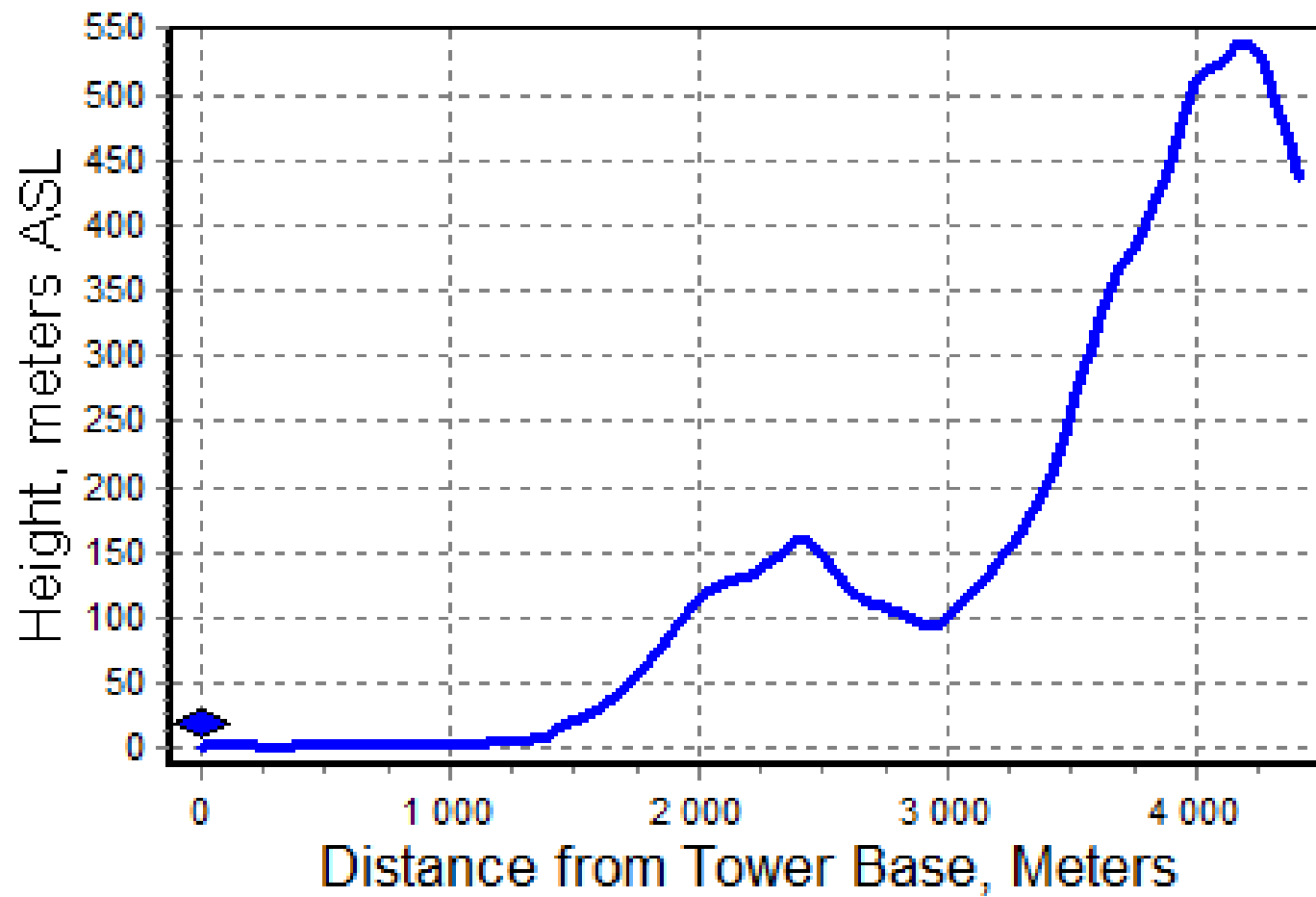
FLAT.PRO
19,0 m
3-Ele.
Fig. of Merit: 6.9

Elev. Statistic
7X-US.PRN

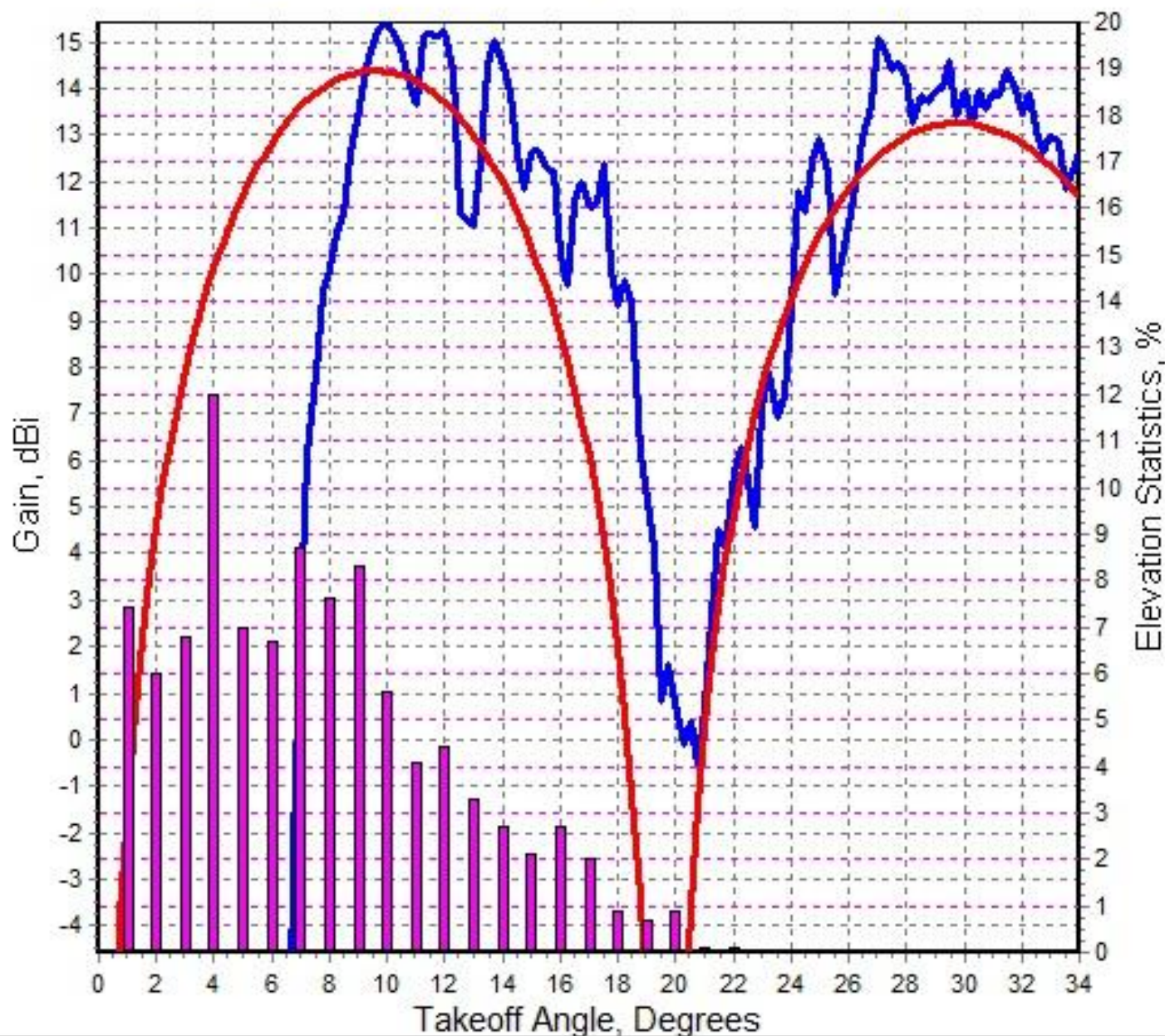
BEARING 250° - South America

Elevation Statistics : 7X – SA

Terrain Profile



3V8BB-250.00.PRO
18,0 m



Freq. = 28,0 MHz

Max. Gain: 15,4 dBi

3V8BB-250.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 9.8

FLAT.PRO

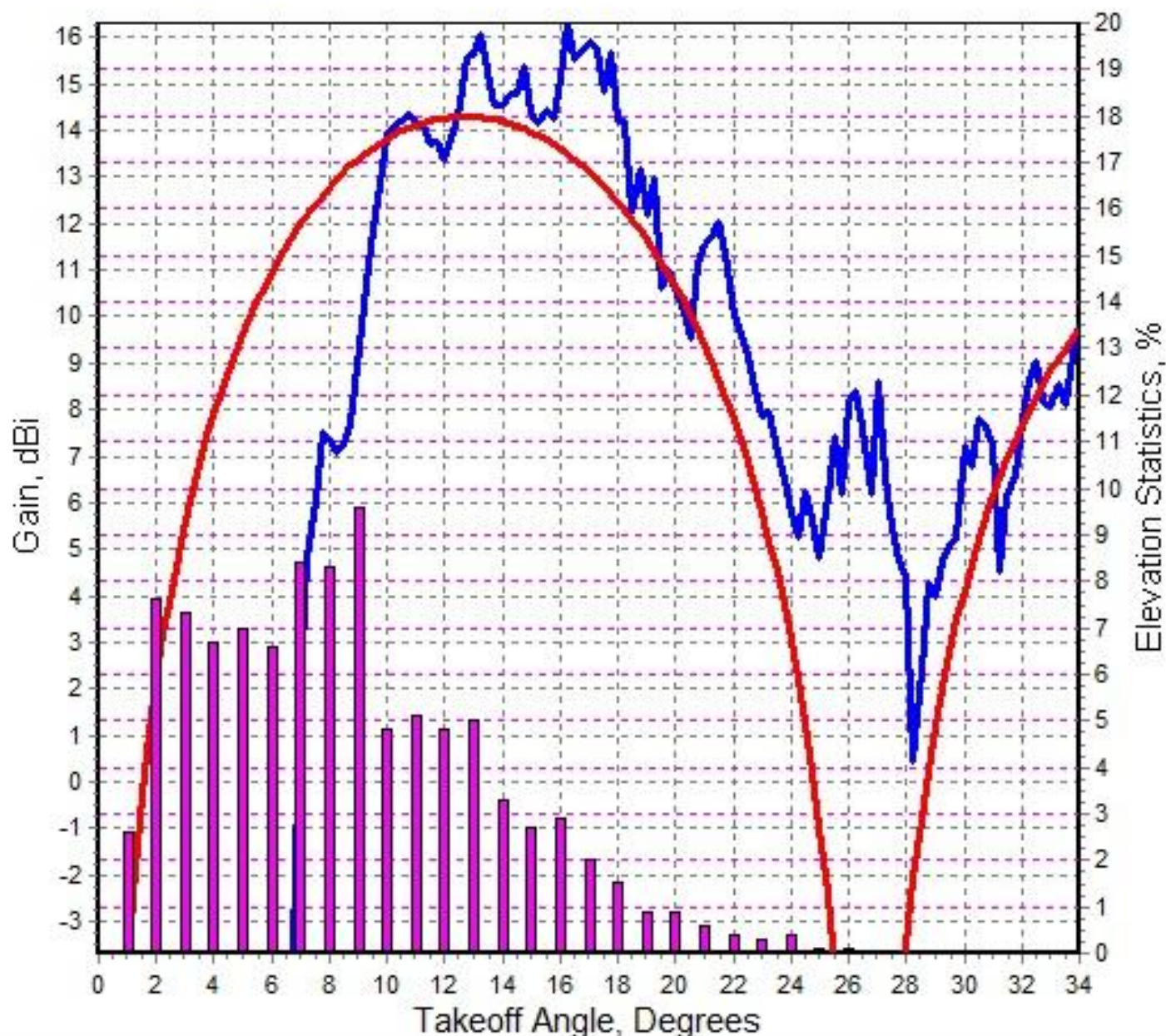
16,0 m

4-Ele.

Fig. of Merit: 12

Elev. Statistic

7X-SA.PRN



Freq. = 21,0 MHz

Max. Gain: 16,3 dBi

3V8BB-250.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 10.4

FLAT.PRO

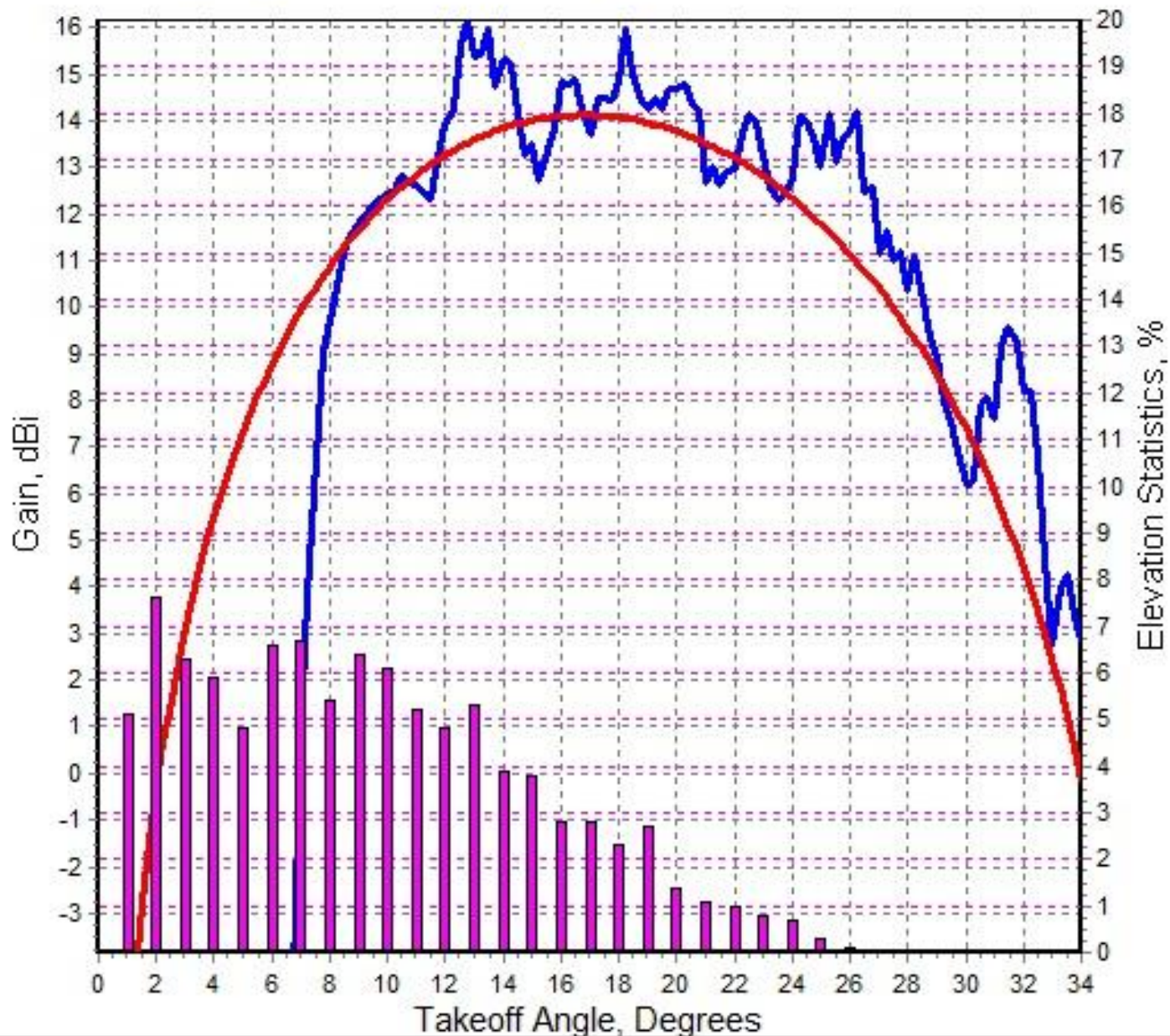
16,0 m

4-Ele.

Fig. of Merit: 11.9

Elev. Statistic

7X-SA.PRN

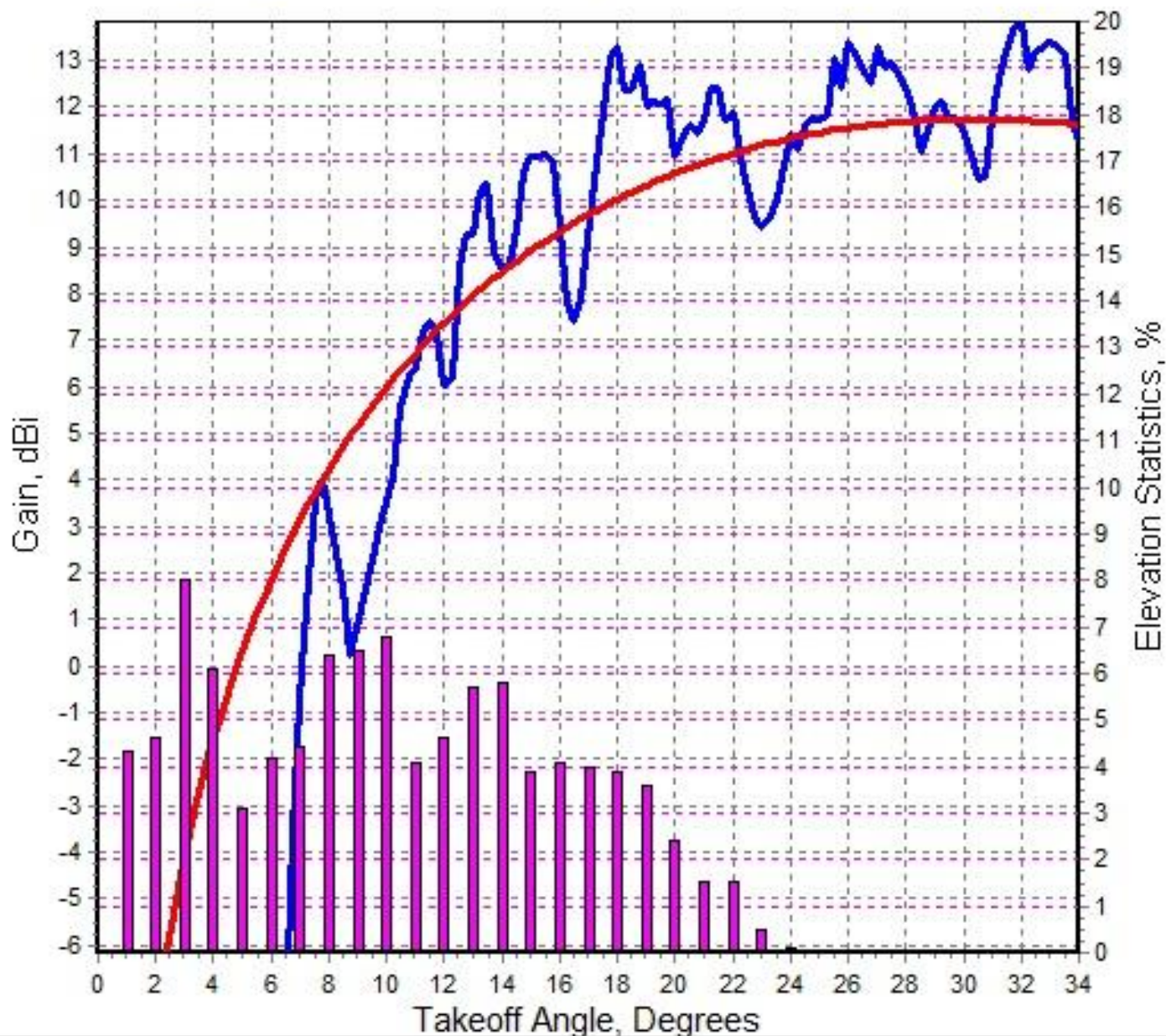


Freq. = 14,0 MHz
Max. Gain: 16,2 dBi

3V8BB-250.00.PRO
 18,0 m
 4-Ele.
 Fig. of Merit: 11.1

FLAT.PRO
 18,0 m
 4-Ele.
 Fig. of Merit: 11.3

Elev. Statistic
7X-SA.PRN



Freq. = 7,0 MHz
 Max. Gain: 13,8 dBi

3V8BB-250.00.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 7.1

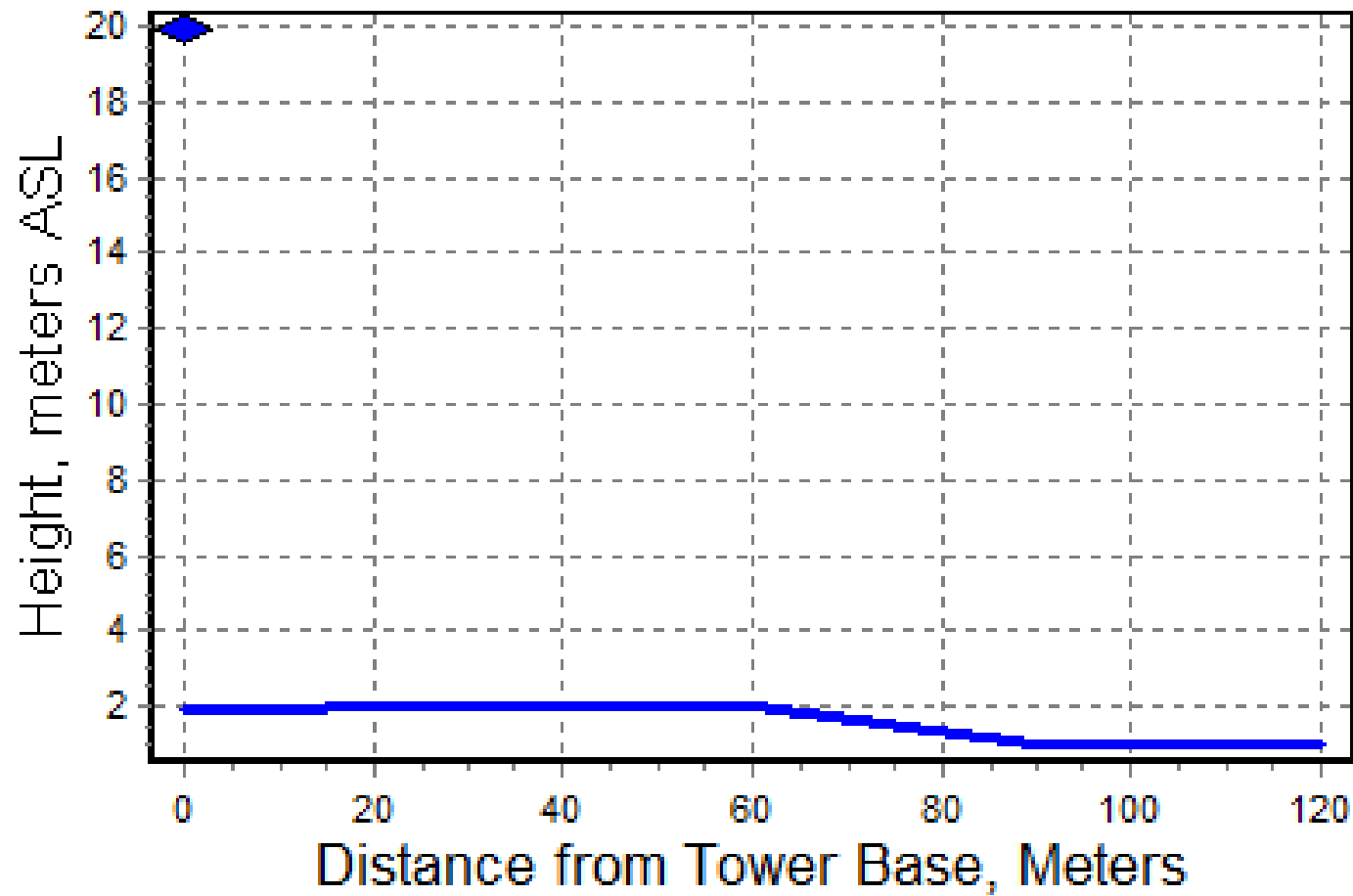
FLAT.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 6.7

Elev. Statistic
7X-SA.PRN

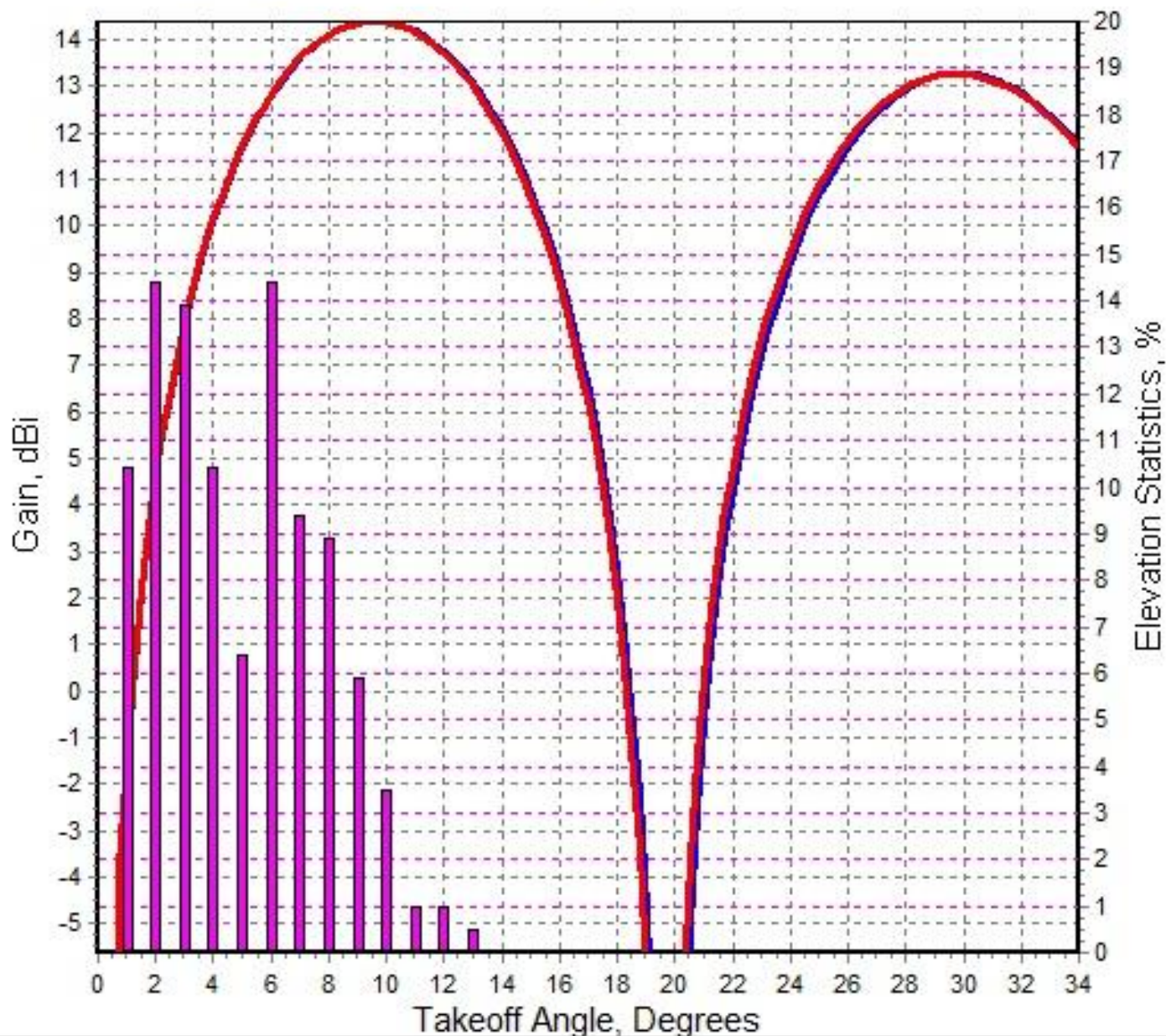
BEARING 30° - Japan

Elevation Statistics : 7X – JA

Terrain Profile



3V8BB-30.00.PRO
18,0 m

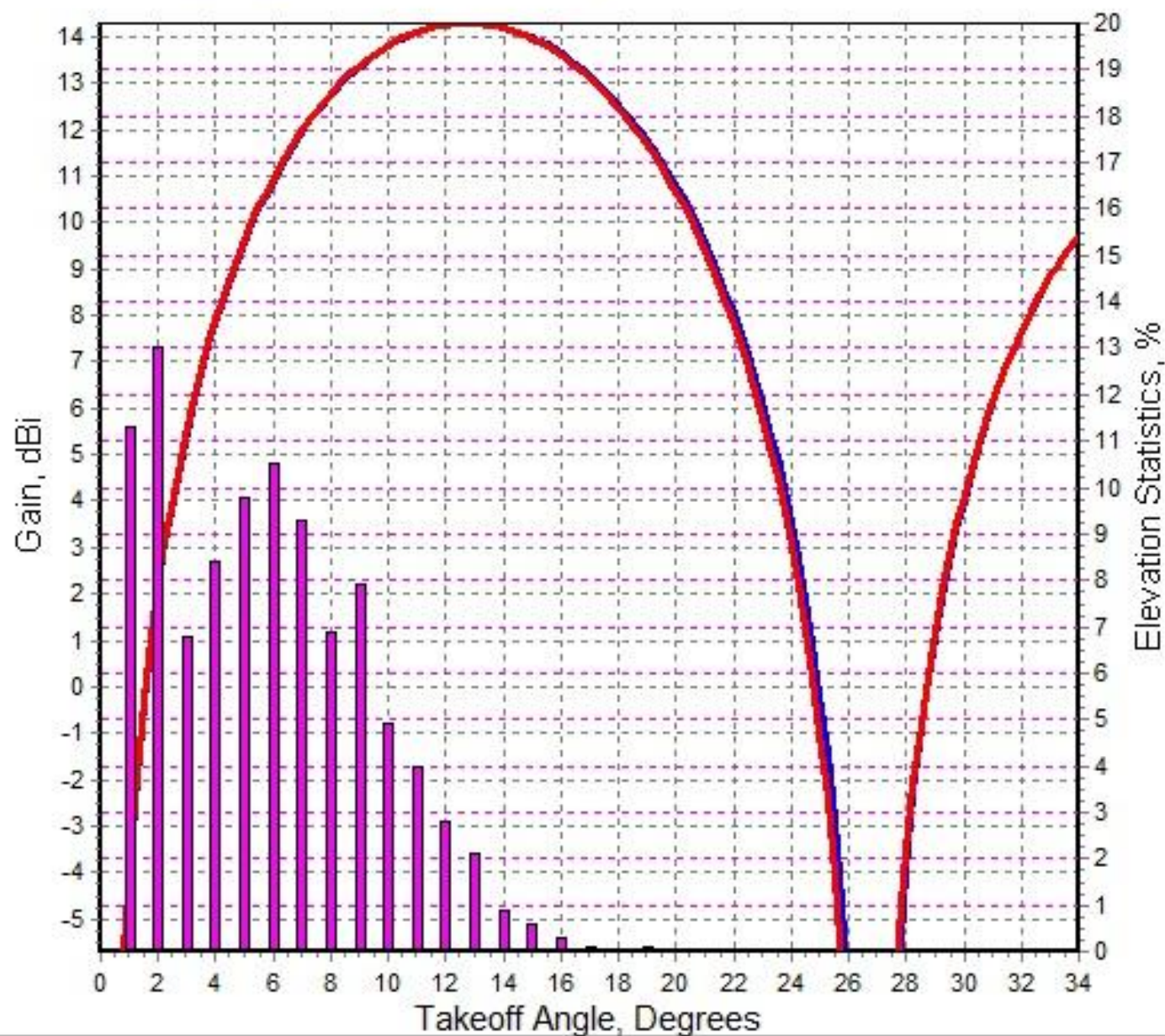


Freq. = 28,0 MHz
Max. Gain: 14,4 dBi

3V8BB-30.00.PRO
16,0 m
4-Ele.
Fig. of Merit: 11.4

FLAT.PRO
16,0 m
4-Ele.
Fig. of Merit: 11.4

Elev. Statistic
7X-JA.PRN



Freq. = 21,0 MHz

Max. Gain: 14,3 dBi

3V8BB-30.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 10.7

FLAT.PRO

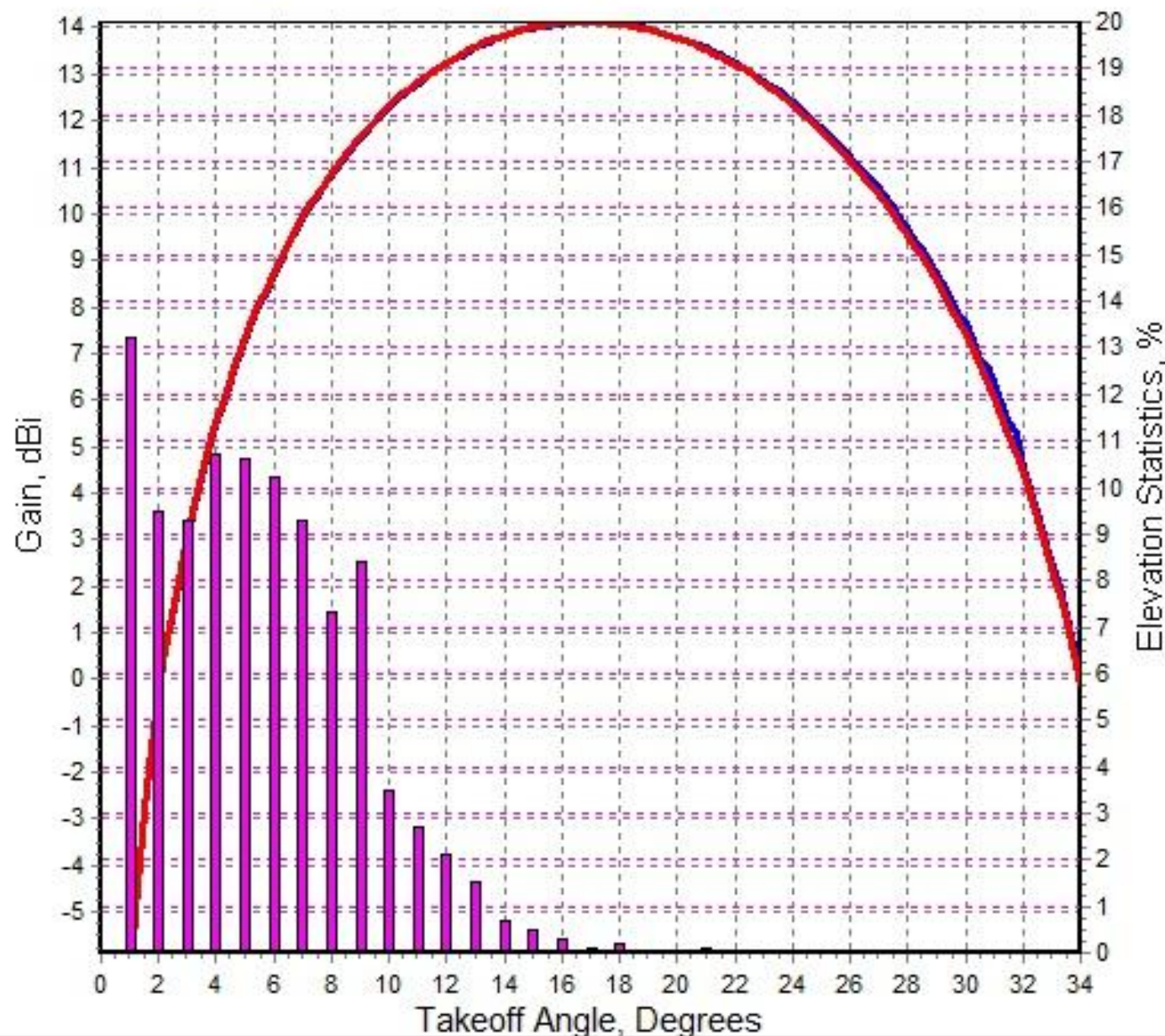
16,0 m

4-Ele.

Fig. of Merit: 10.7

Elev. Statistic

7X-JA.PRN



Freq. = 14,0 MHz

Max. Gain: 14,1 dBi

3V8BB-30.00.PRO

18,0 m

4-Ele.

Fig. of Merit: 8.7

FLAT.PRO

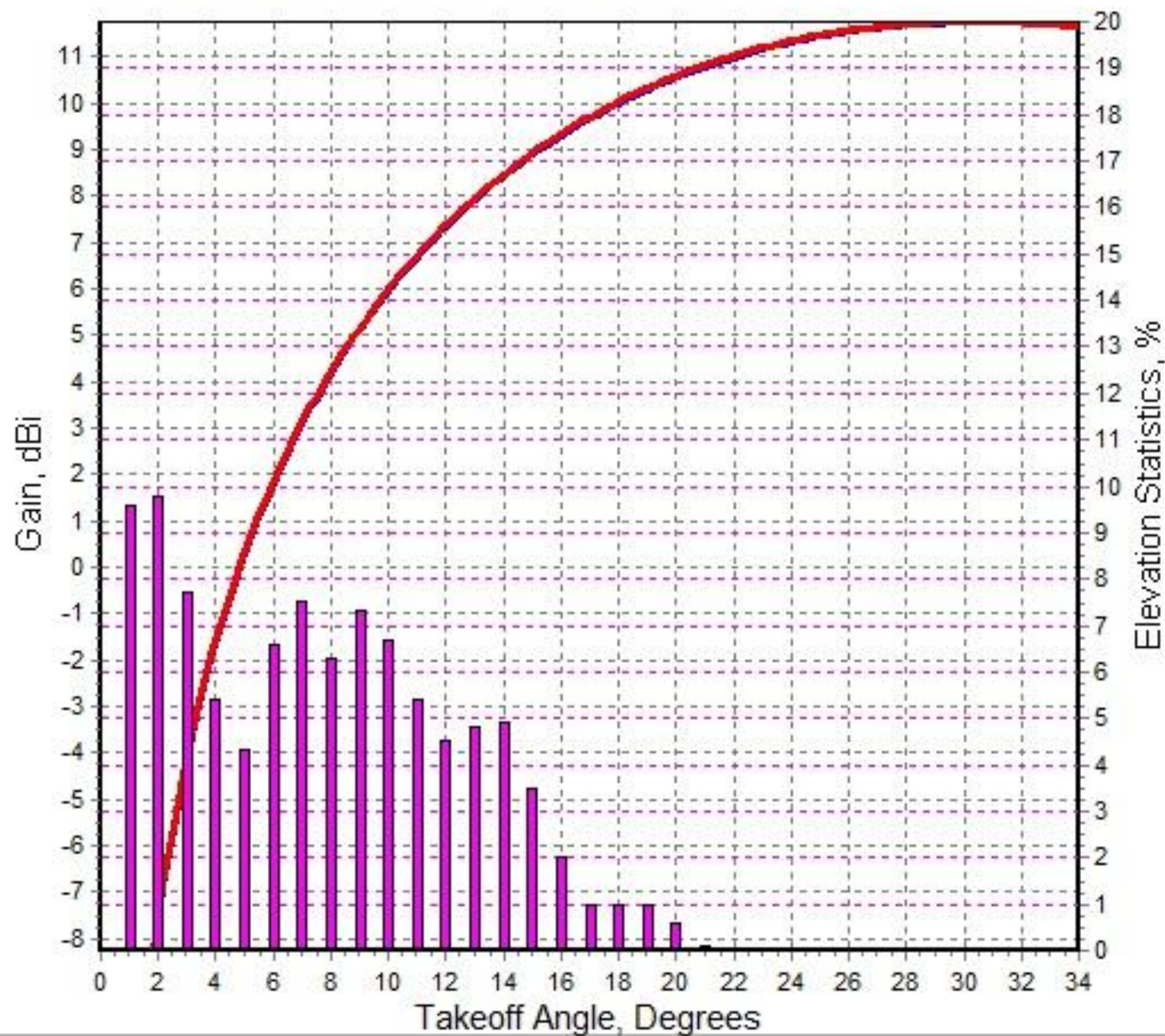
18,0 m

4-Ele.

Fig. of Merit: 8.7

Elev. Statistic

7X-JA.PRN



Freq. = 7,0 MHz
 Max. Gain: 11,7 dBi

3V8BB-30.00.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 4.8

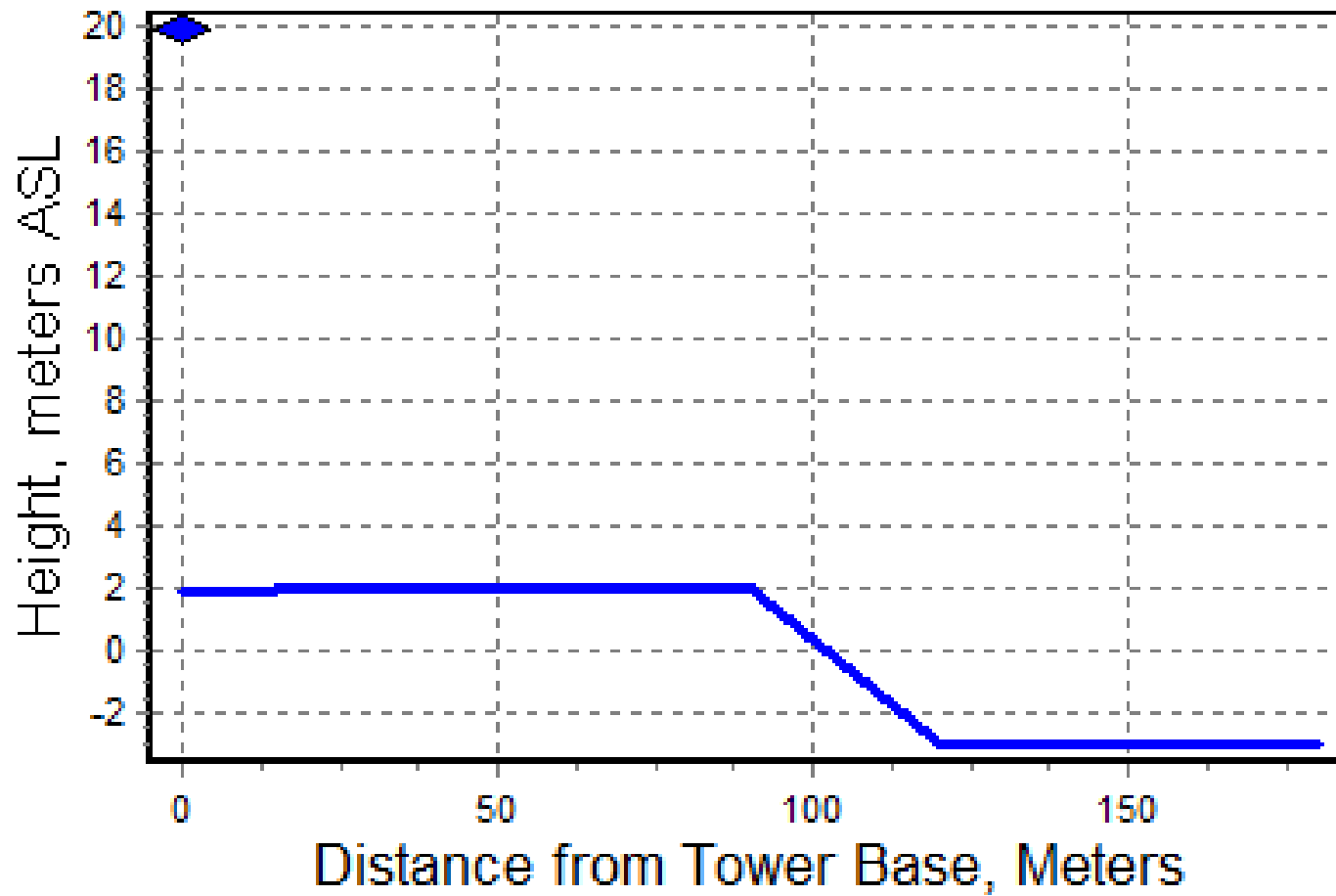
FLAT.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 4.8

Elev. Statistic
7X-JA.PRN

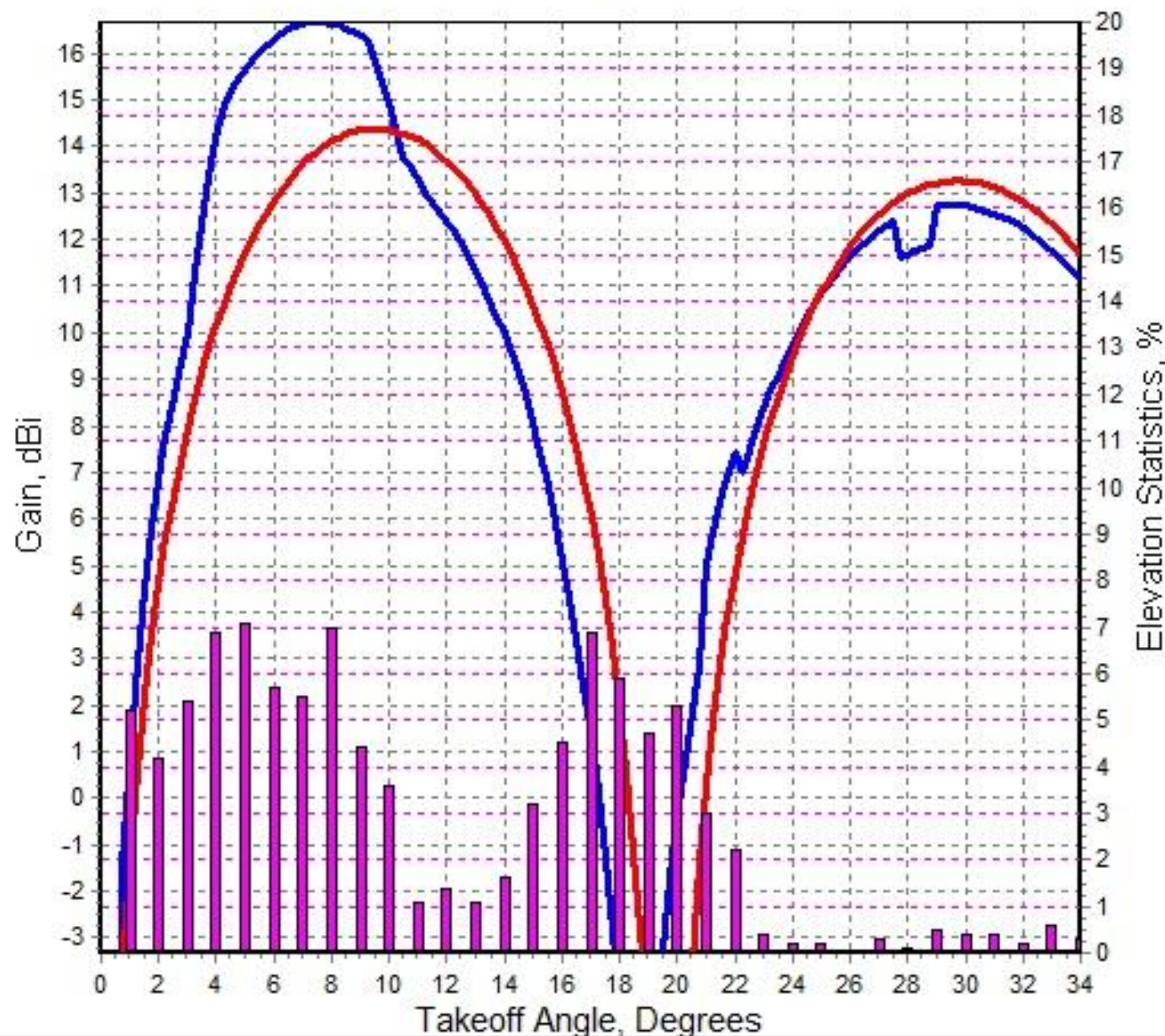
BEARING 0° - Europe

Elevation Statistics : 7X – EU

Terrain Profile



3V8BB-0.00.PRO
18,0 m

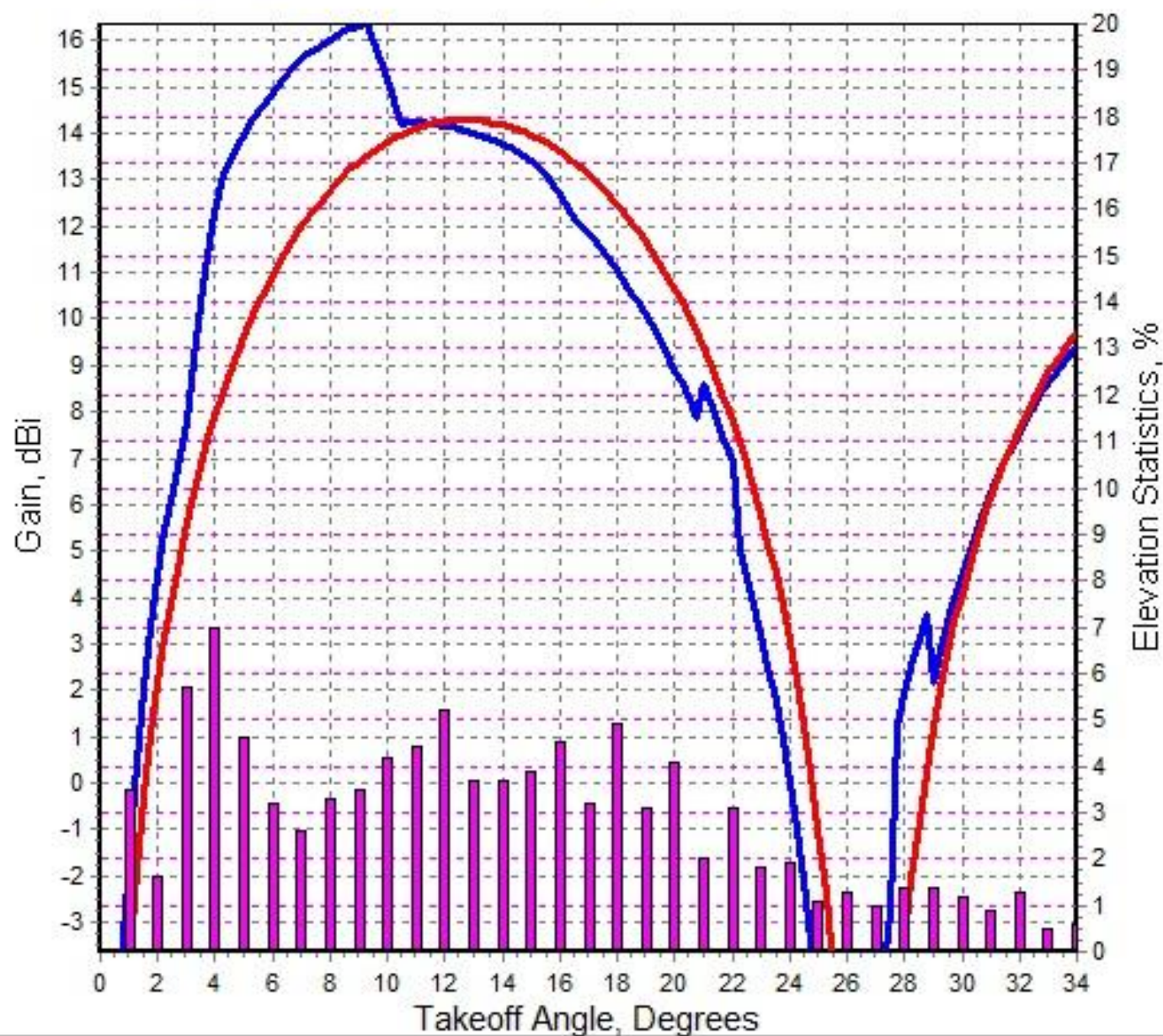


Freq. = 28,0 MHz
Max. Gain: 16,7 dBi

3V8BB-0.00.PRO
16,0 m
4-Ele.
Fig. of Merit: 12.7

FLAT.PRO
16,0 m
4-Ele.
Fig. of Merit: 10.6

Elev. Statistic
7X-EU.PRN

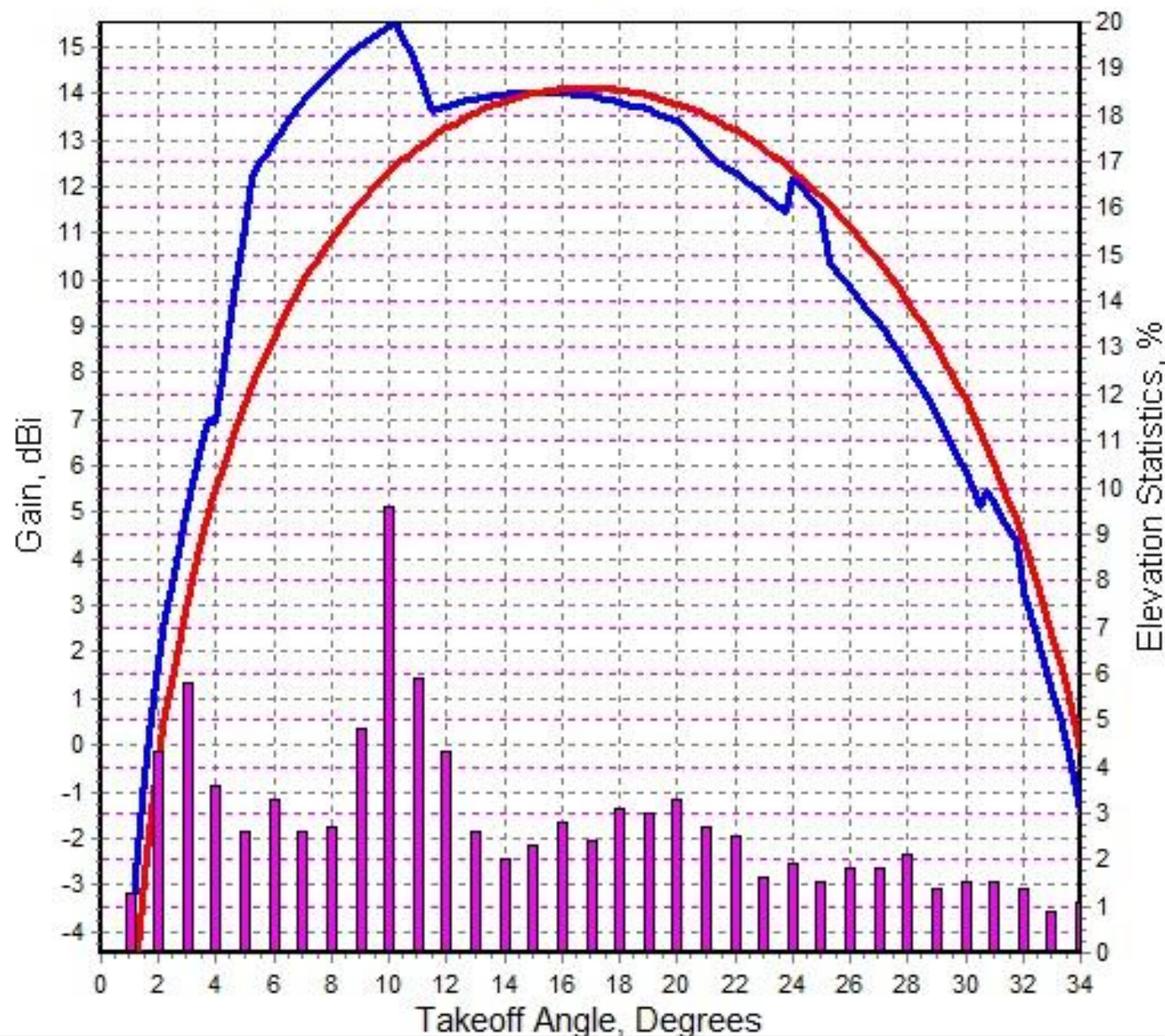


Freq. = 21,0 MHz
Max. Gain: 16,4 dBi

3V8BB-0.00.PRO
16,0 m
4-Ele.
Fig. of Merit: 12.4

FLAT.PRO
16,0 m
4-Ele.
Fig. of Merit: 11.5

Elev. Statistic
7X-EU.PRN

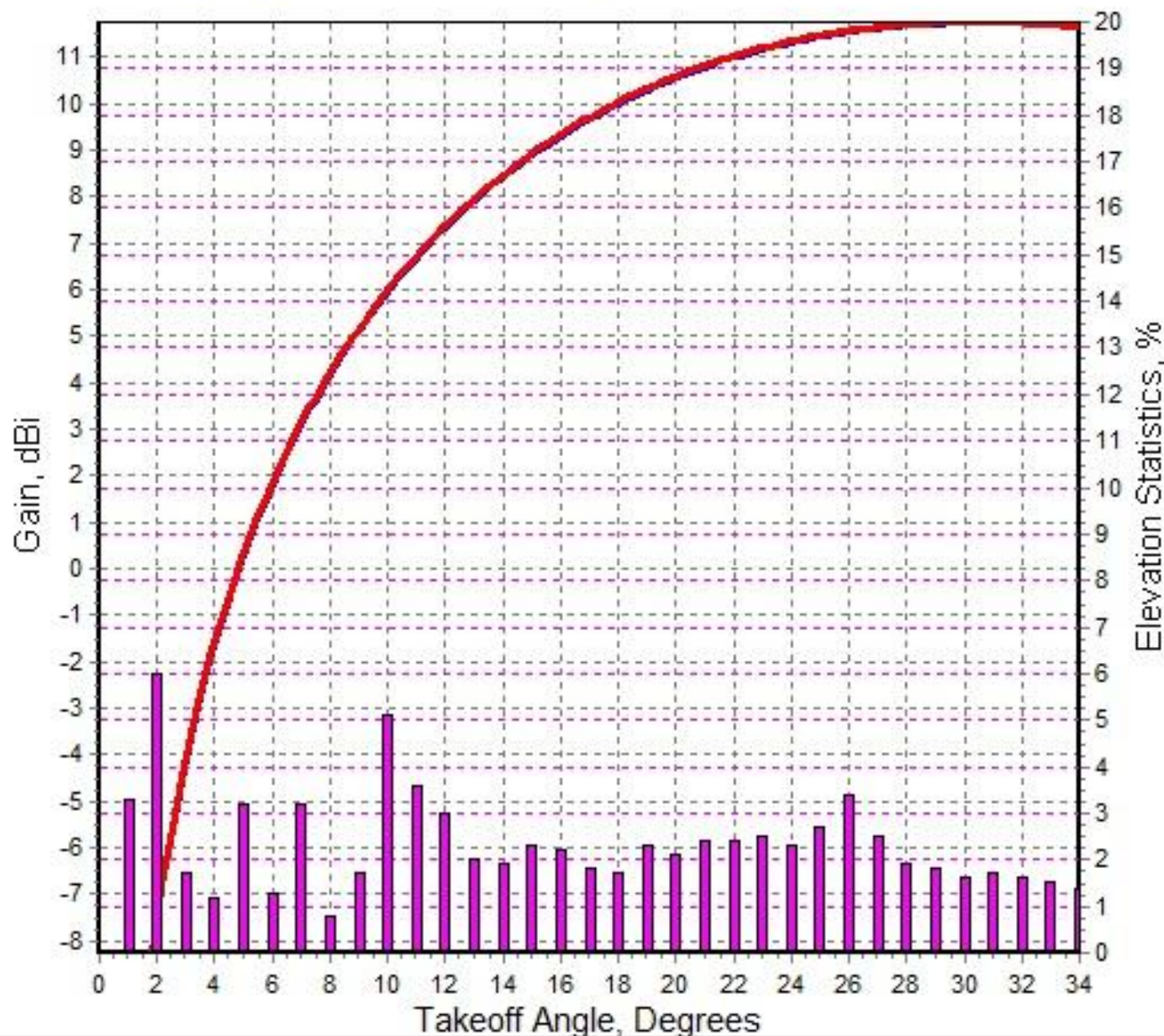


Freq. = 14,0 MHz
Max. Gain: 15,5 dBi

3V8BB-0.00.PRO
18,0 m
4-Ele.
Fig. of Merit: 12.5

FLAT.PRO
18,0 m
4-Ele.
Fig. of Merit: 11.4

Elev. Statistic
7X-EU.PRN



Freq. = 7,0 MHz
 Max. Gain: 11,7 dBi

3V8BB-0.00.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 8.1

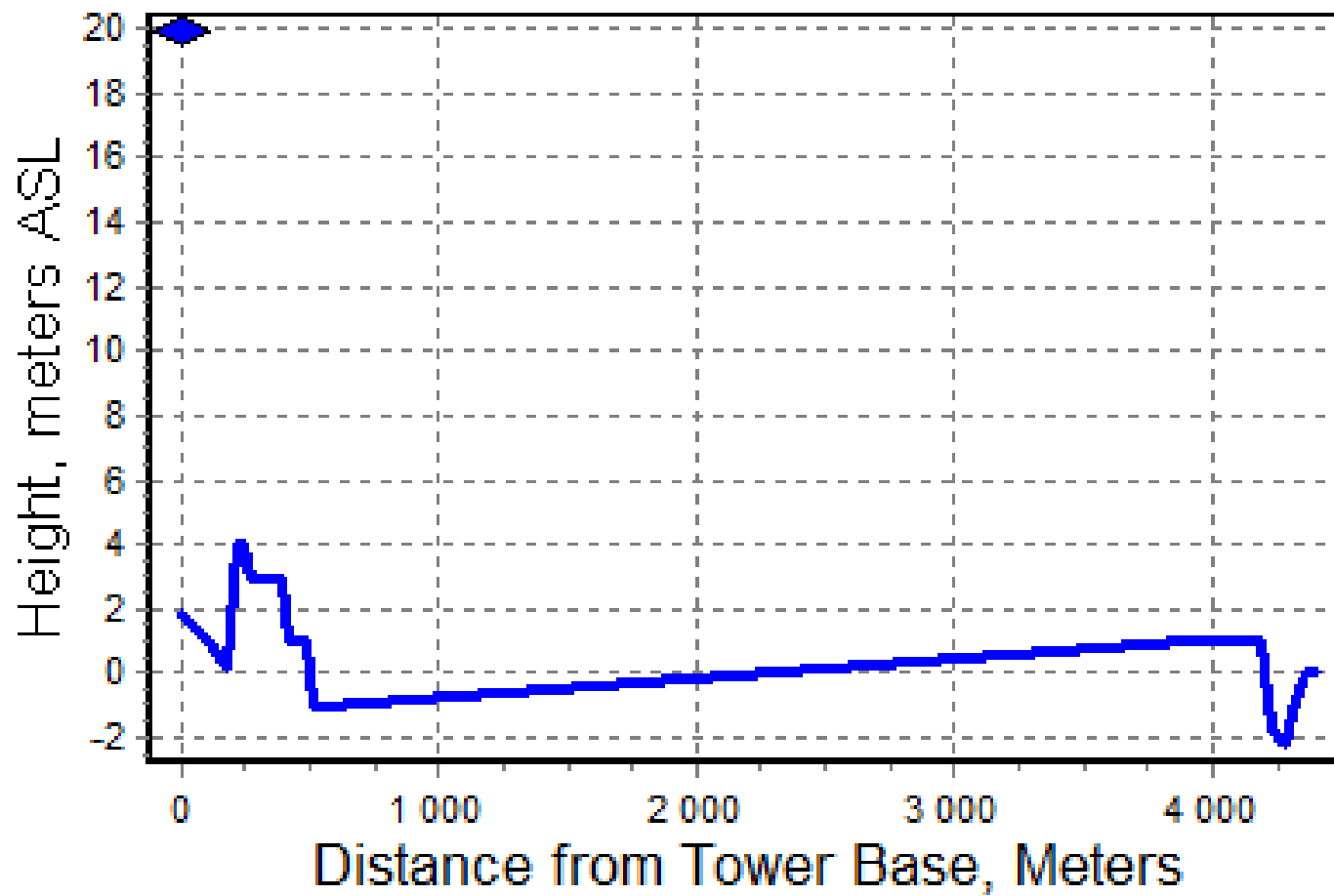
FLAT.PRO
 19,0 m
 3-Ele.
 Fig. of Merit: 8.1

Elev. Statistic
7X-EU.PRN

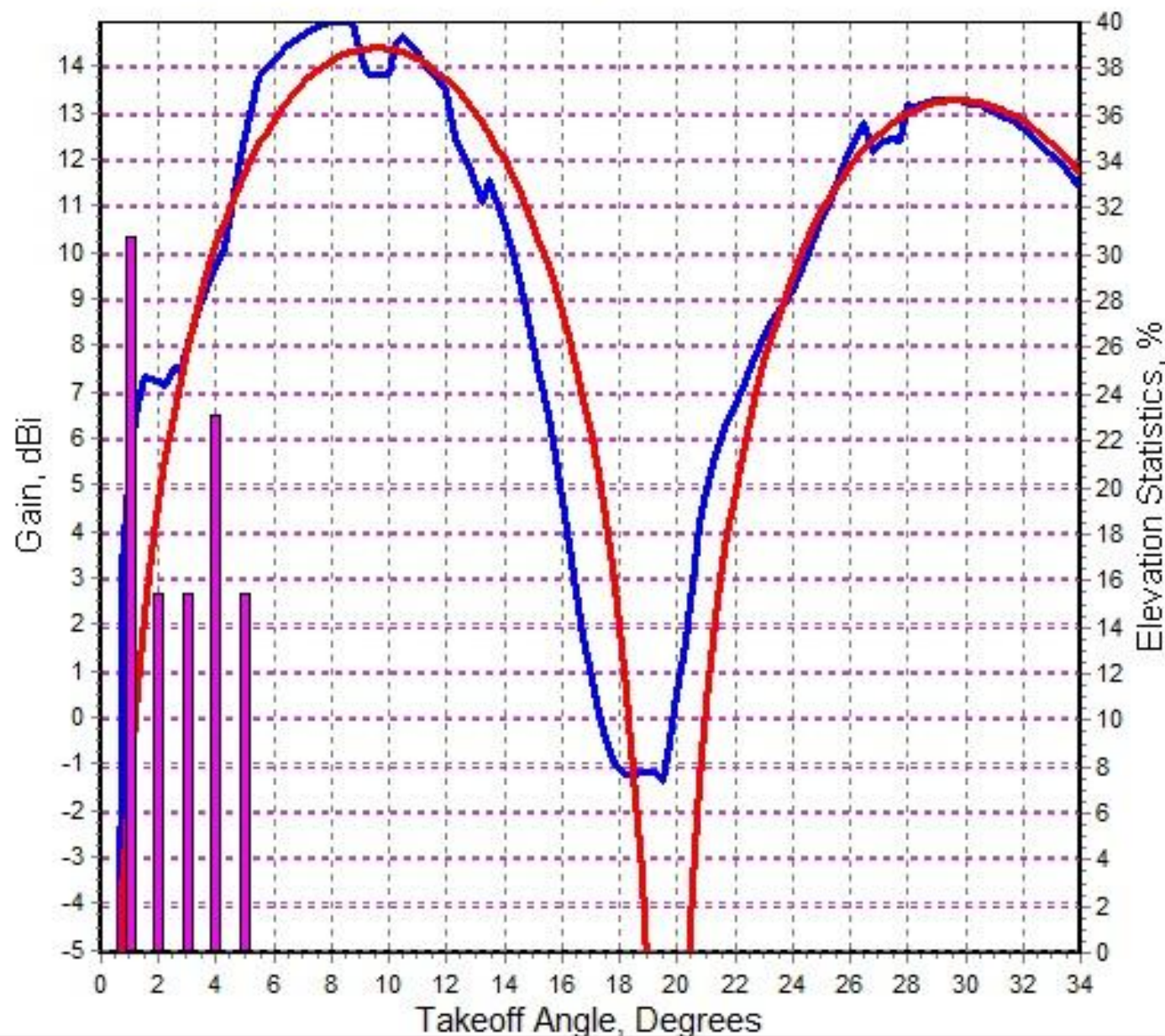
BEARING 90° - Australia

Elevation Statistics : 7X – OC

Terrain Profile



3V8BB-90.00.PRO
18,0 m



Freq. = 28,0 MHz

Max. Gain: 14,9 dBi

3V8BB-90.00.PRO

16,0 m

4-Ele.

Fig. of Merit: 8.9

FLAT.PRO

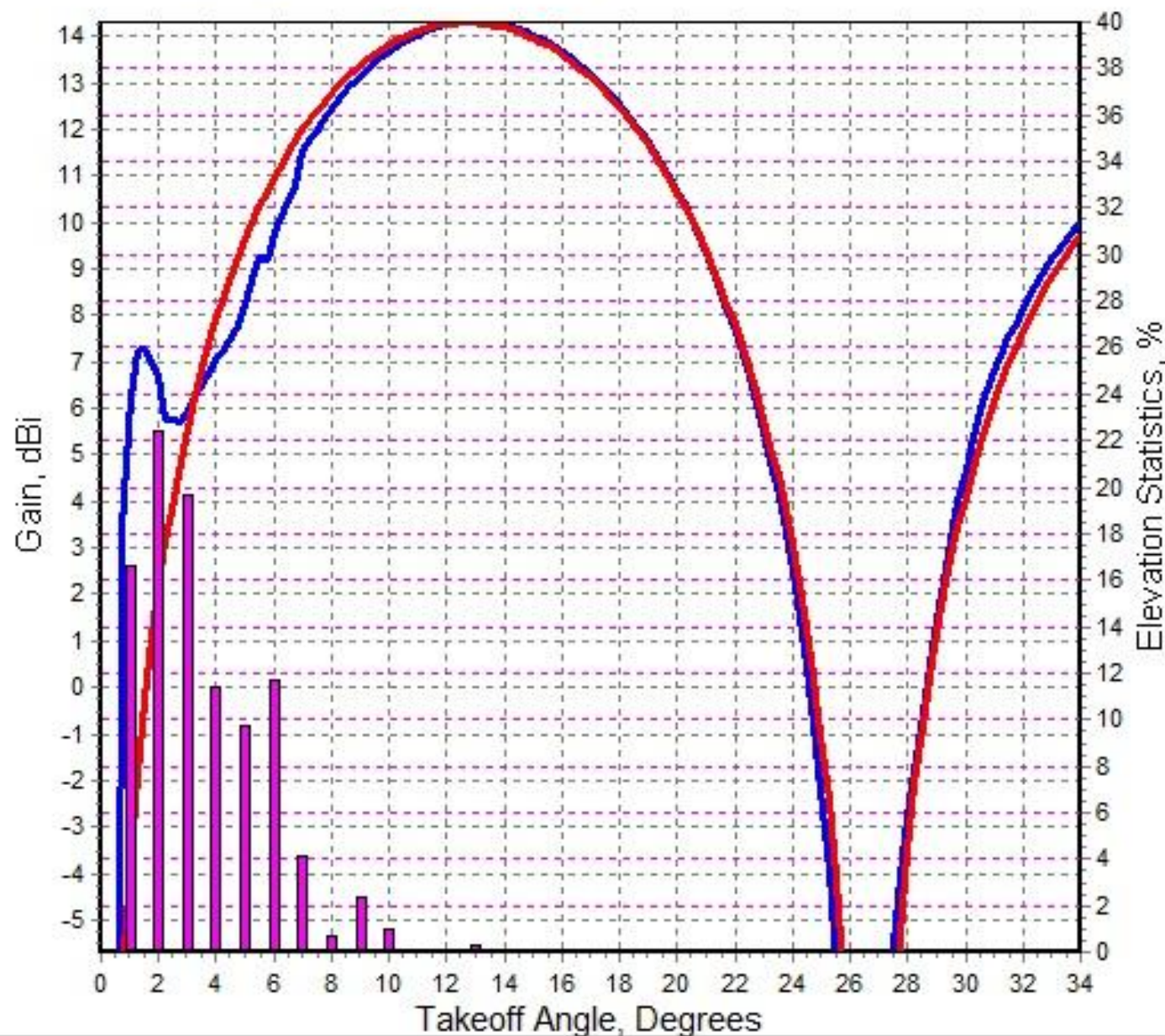
16,0 m

4-Ele.

Fig. of Merit: 8

Elev. Statistic

7X-OC.PRN

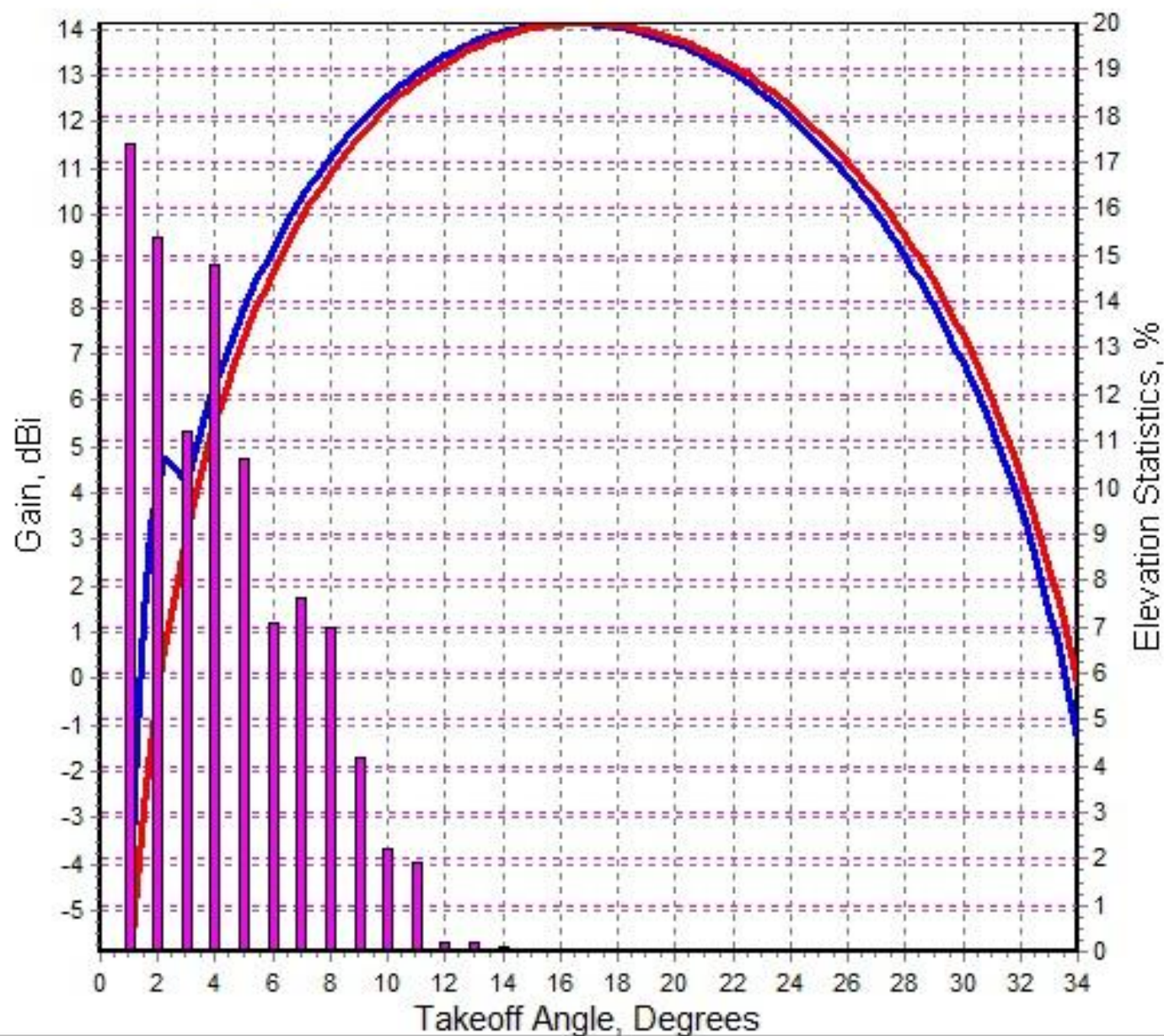


Freq. = 21,0 MHz
Max. Gain: 14,3 dBi

3V8BB-90.00.PRO
16,0 m
4-Ele.
Fig. of Merit: 8

FLAT.PRO
16,0 m
4-Ele.
Fig. of Merit: 7.7

Elev. Statistic
7X-OC.PRN

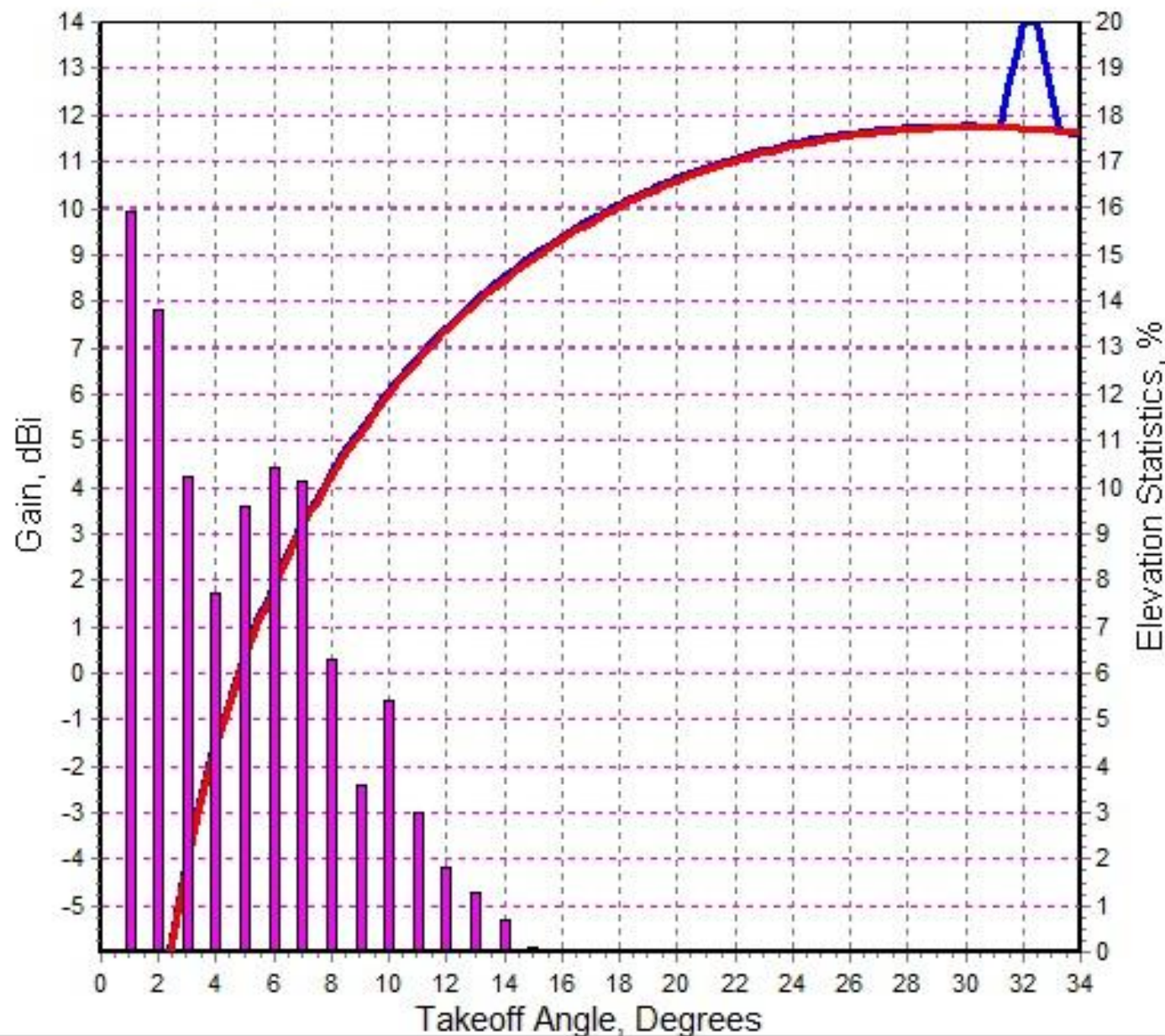


Freq. = 14,0 MHz
Max. Gain: 14,1 dBi

3V8BB-90.00.PRO
18,0 m
4-Ele.
Fig. of Merit: 7.7

FLAT.PRO
18,0 m
4-Ele.
Fig. of Merit: 7.1

Elev. Statistic
7X-OC.PRN



Freq. = 7,0 MHz
Max. Gain: 14,0 dBi

3V8BB-90.00.PRO
19,0 m
3-Ele.
Fig. of Merit: 1.8

FLAT.PRO
19,0 m
3-Ele.
Fig. of Merit: 1.7

Elev. Statistic
7X-OC.PRN