Calculation of setting values for installing an WaveFrontier Toroidal antenna

Your location:	**Following values have been calculated for your location:**
Latitude: **50.85° N (50° 51' 0")** Longitude: **5.08° E (5° 4' 48")** City: **[unknown]** Country: **Netherlands**	WaveFrontier tilt angle (Skew): **100.53°** Make skew adjustment by tilting the antenna **10.53° to East** which is exactly **100.53°** on the scale!!! (seen from behind the antenna) WaveFrontier elevation angle: **30.00°** (central satellite) WaveFrontier azimuth range: **15.2°** (28.2° E -> 13.0° E)

LNB	Satellite*	Azimuth angle	Elevation angle	LNB guide bar
1	**Easternmost satellite**: **Astra 2A/E/F (28.2° E)**	**151.17°**	**27.87°**	**L -8.0**
2	Badr 4/5/6 (26.0° E)	153.76°	28.56°	L -5.7
3	Eutelsat 25B/Es'hail 1 (25.5° E)	154.36°	28.71°	L -5.2
4	Astra 3B (23.5° E)	156.76°	29.27°	L -3.1
5	Eutelsat 21B (21.5° E)	159.19°	29.78°	L -1.0
	Imaginary central satellite: 20.6° E	**160.30°**	**30.00°**	**0.0**
6	Arabsat 5C (20.0° E)	161.04°	30.13°	R 0.6
7	Astra 1KR/L/M/N (19.2° E)	162.03°	30.30°	R 1.4
8	Eutelsat 16A (16.0° E)	166.03°	30.91°	R 4.7
9	**Westernmost satellite**: **Eutelsat Hot Bird 13B/C/D (13.0° E)**	**169.83°**	**31.34°**	**R 7.8**

* Two satellites which are less than 1.5° apart on the orbital position, can be received by using only one LNB!