



Choose Scandinavian trust

Antenna Data Sheet

Type of assessment:

Antenna Gain Pattern Measurement

Manufacturer:

TenX

Antenna Model #:

CON-3758

Operating Frequency:

2400 – 2500MHz

Antenna Type:

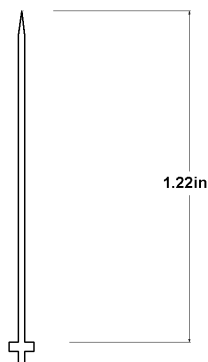
Monopole

Peak Gain:

-2.19 dBi

Mounting Type:

Soldered (PCB Mount)



Date of issue: February 27, 2026

Larry Finn

Prepared by

Signature

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The tests included in this report are within the scope of this accreditation.
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ANAB File Number: AT-3165.01



Lab locations

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Facilities	<i>Round Rock Site:</i> 1601 N AW Grimes Blvd. Round Rock, TX 78665 USA Tel: +1 512 244 3371 Fax: +1 512 244 1846	
Test site identifier	Organization	Round Rock
	FCC:	US3166
	ISED:	3036B-1
Website	www.nemko.com	

Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

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Section 1 Antenna Data

1.1 Antenna Tabular Data

Azimuth Gain Measurement Results:

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	-5.88	-4.67	-3.65	-5.97	-5.23	-4.62	-5.11	-3.80	-5.49	-6.39	-3.70
Average Gain (dB)	-7.37	-7.19	-6.46	-8.85	-8.13	-6.42	-8.14	-7.86	-8.56	-8.93	-7.17

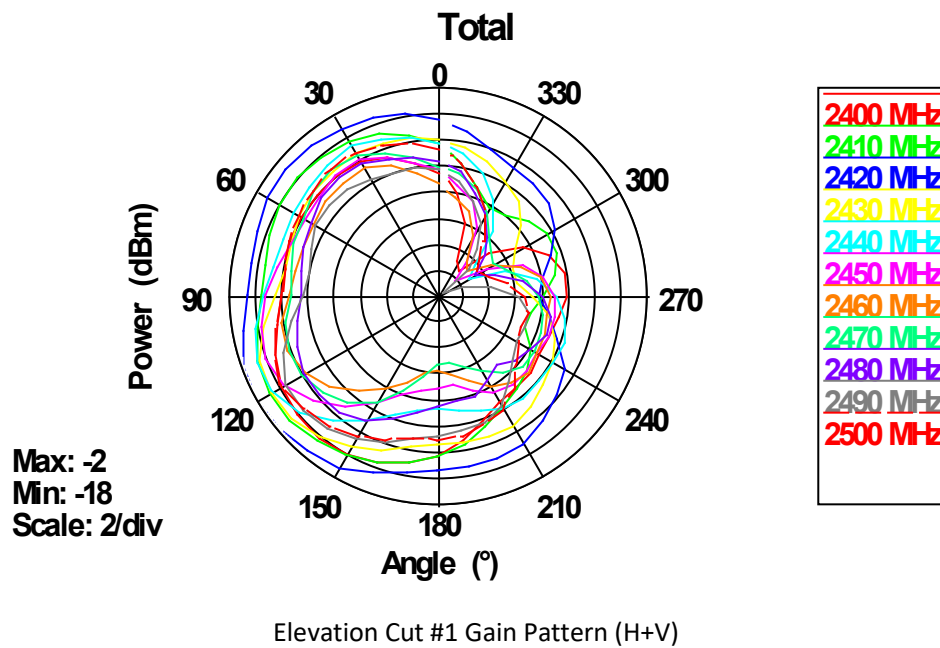
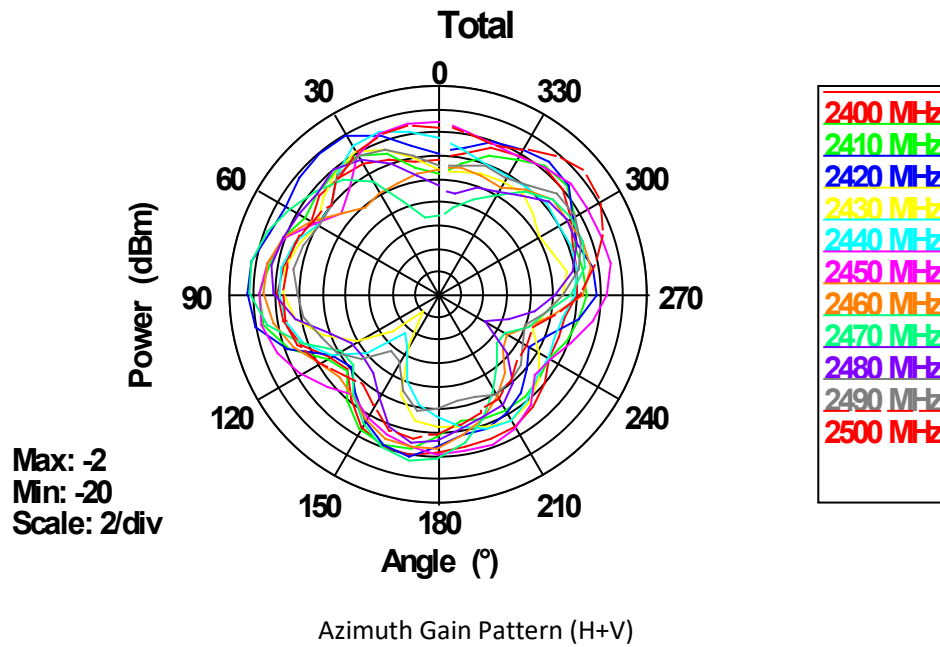
Elevation Cut #1 Gain Measurement Results:

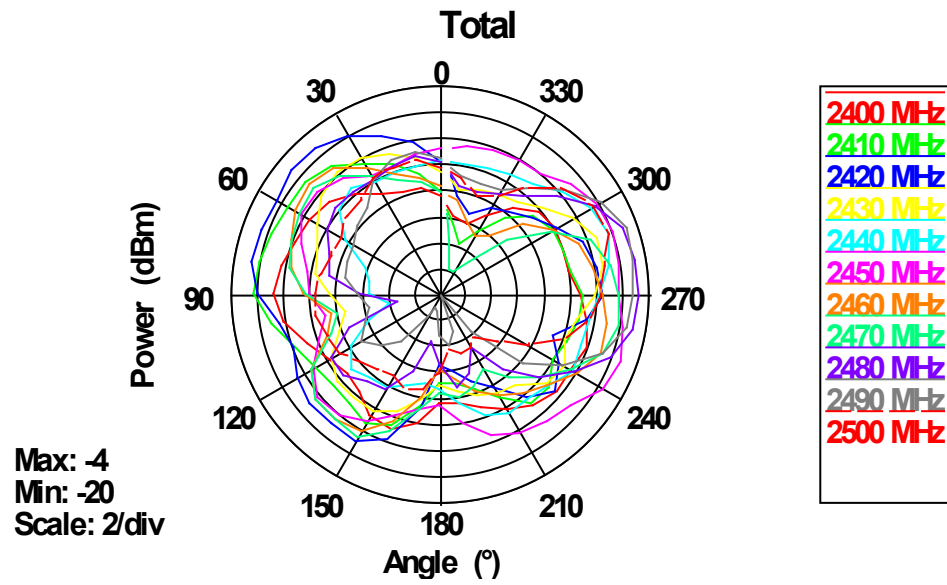
Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	-3.94	-3.23	-2.19	-3.30	-3.34	-3.97	-5.84	-5.51	-6.22	-4.56	-4.32
Average Gain (dB)	-7.00	-6.02	-4.65	-6.42	-6.84	-7.92	-8.92	-8.48	-8.48	-8.19	-7.36

Elevation Cut #2 Gain Measurement Results:

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	-7.36	-5.87	-5.28	-7.36	-6.43	-5.37	-7.02	-6.20	-4.93	-4.97	-6.44
Average Gain (dB)	-9.88	-9.34	-8.35	-9.95	-10.09	-8.13	-9.53	-9.57	-9.59	-10.17	-10.55

1.2 Antenna Pattern Data





End of the test report