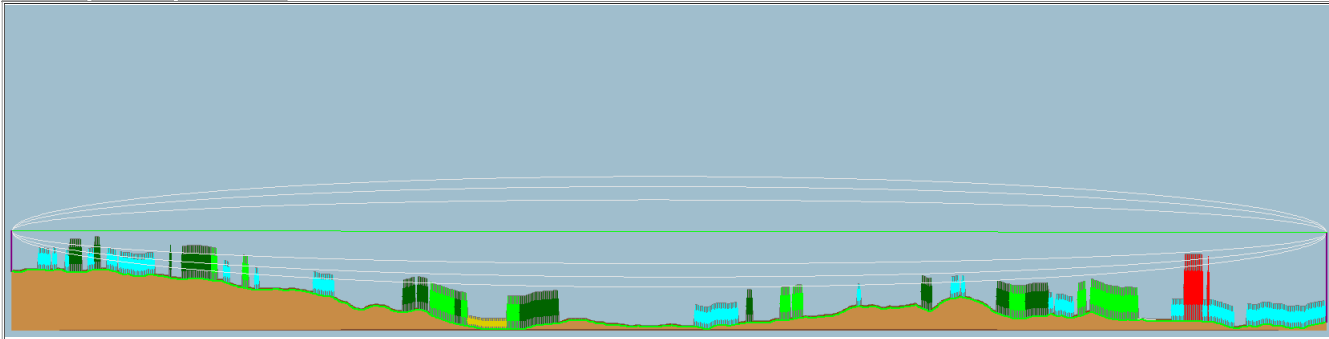


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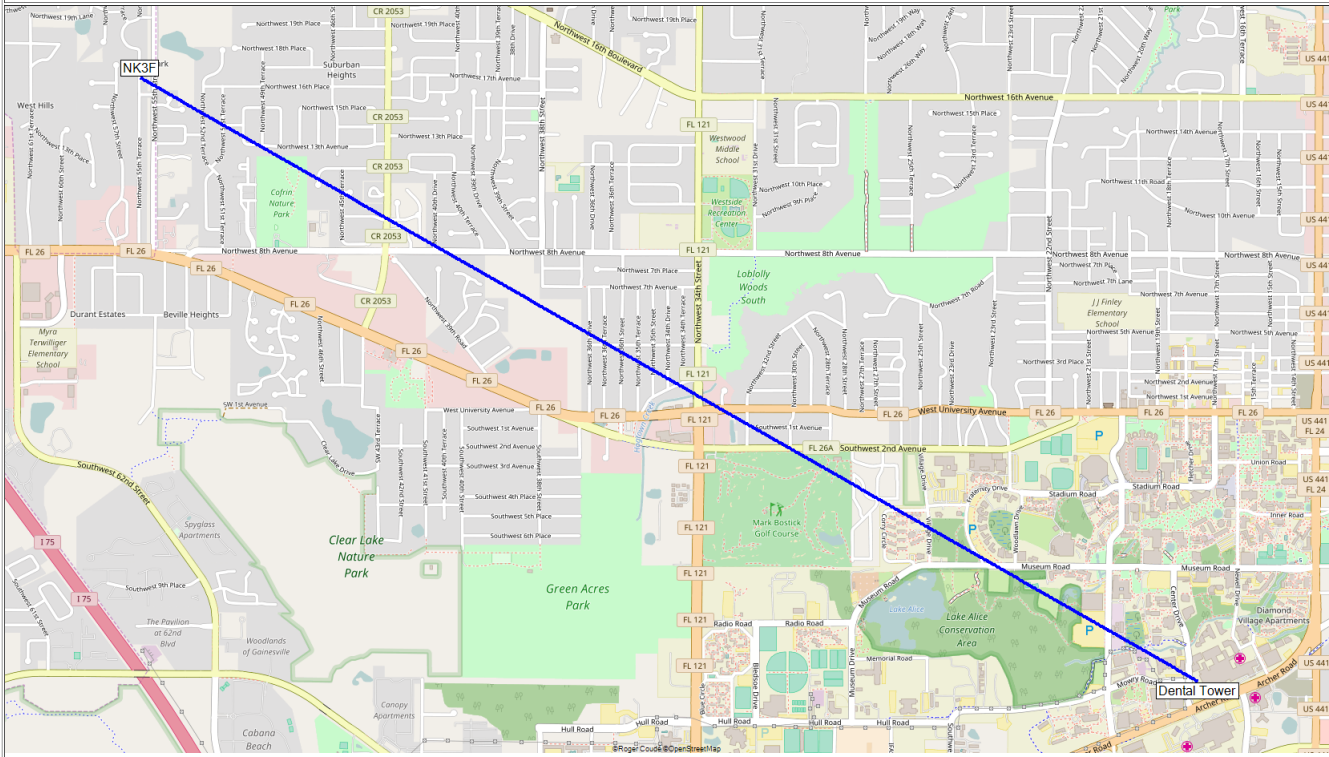


**Tom to Dental**

<b>NK3F (1)</b>	Latitude Longitude Ground elevation Antenna height Azimuth Tilt	29.667657 ° -82.402310 ° 46.6 m 18.0 m 119.71 TN   125.41 MG ° -0.03 °	Latitude Longitude Ground elevation Antenna height Azimuth Tilt	<b>(2) Dental Tower</b> 29.639537 ° -82.345641 ° 23.9 m 40.0 m 299.74 TN   305.47 MG ° -0.02 °
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<b>Radio system</b>	TX power TX line loss TX antenna gain RX antenna gain RX line loss RX sensitivity	26.99 dBm 0.50 dB 15.00 dBi 15.00 dBi 0.50 dB -94.96 dBm	Free space loss Obstruction loss Forest loss Urban loss Statistical loss Total path loss	<b>Propagation</b> 115.67 dB -0.58 dB 1.00 dB 0.00 dB 16.30 dB 132.39 dB
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<b>Performance</b>	Distance Precision Frequency Equivalent Isotropically Radiated Power System gain Required reliability Received Signal Received Signal Fade Margin	6.306 km 10.0 m 2310.000 MHz 14.092 W 150.95 dB 90.000 % -76.40 dBm 33.88 μV 18.56 dB
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