

# TPMS\_1849171

## Antenna information

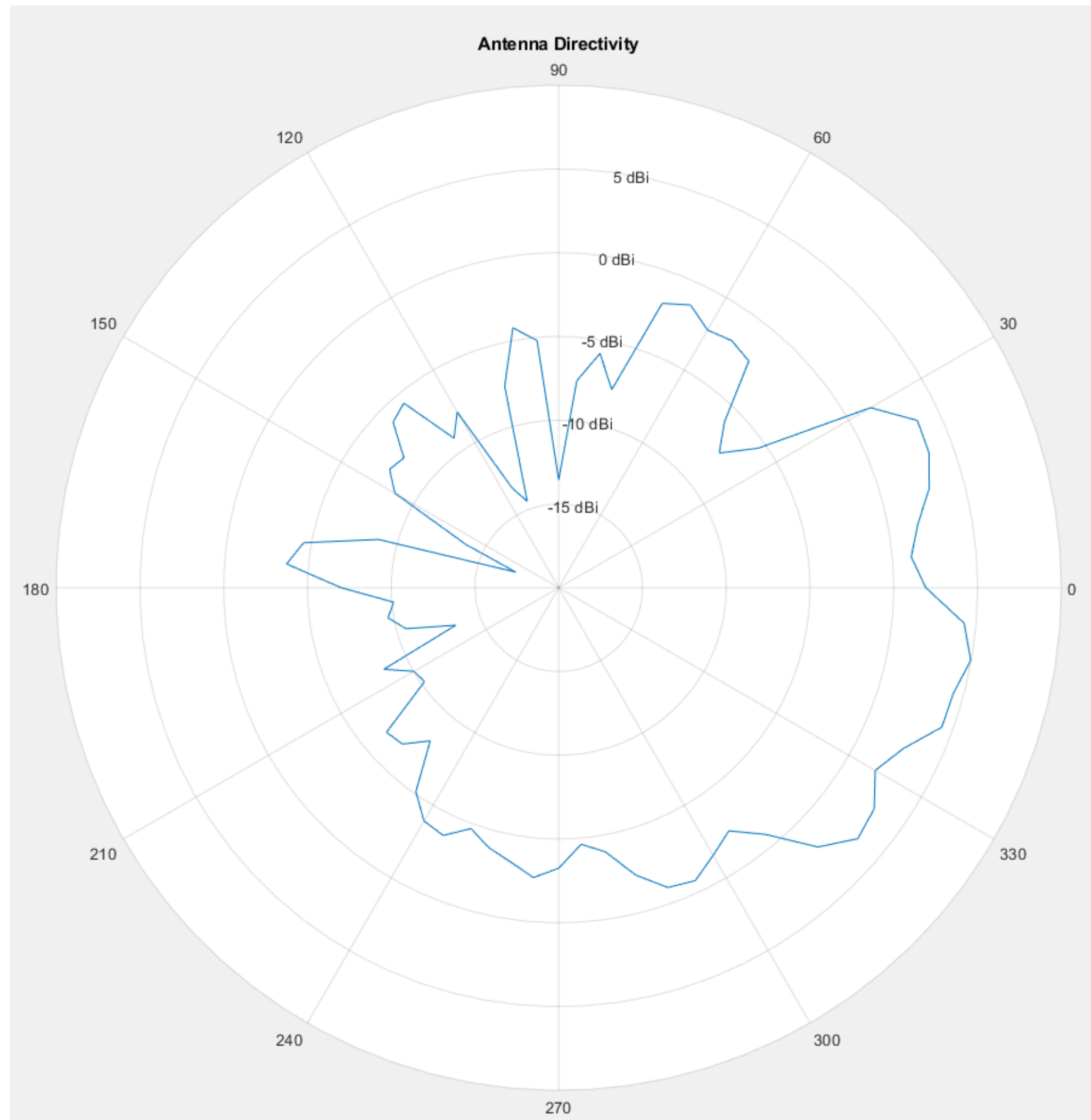
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### LAST EDITED

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# Antenna pattern | Measured in wheel



- Operating frequency: 2.4 GHz – 2.4835 GHz
- Peak antenna gain in-band: 4.969 dBi
- Device radiation pattern is ~omnidirectional but perturbed by the adjacent wheel during normal operation. (As shown on the left)
- Manufacture: Tesla Inc  
3500 Deer Creek Road, Palo Alto, CA 94304. USA
- Type: PCB trace antenna

# Antenna gain vs Frequency

Frequency (MHz)	Peak EIRP (dBm)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	4.9171	11.4723	-6.5552	22.1043	4.9171
2410	4.8555	11.3614	-6.5059	22.357	4.8555
2420	4.6421	11.1841	-6.542	22.1717	4.6421
2430	4.7808	10.9482	-6.1674	24.1692	4.7808
2440	4.8391	10.9496	-6.1106	24.4875	4.8391
2450	4.851	11.0402	-6.1892	24.0481	4.851
2460	4.969	11.0358	-6.0667	24.7358	4.969
2470	4.8046	10.9412	-6.1366	24.3411	4.8046
2480	4.813	10.9629	-6.1499	24.2666	4.813

# Antenna test setup

