

TRAILER ANTENNA DATASHEET

PN: 3030052 Trailer L Antenna A

YECHIEL ASRAFF

QUESTAR AUTO TECHNOLOGIES LTD.

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PART NUMBER

3030052 Trailer L Antenna A

GENERAL DATA

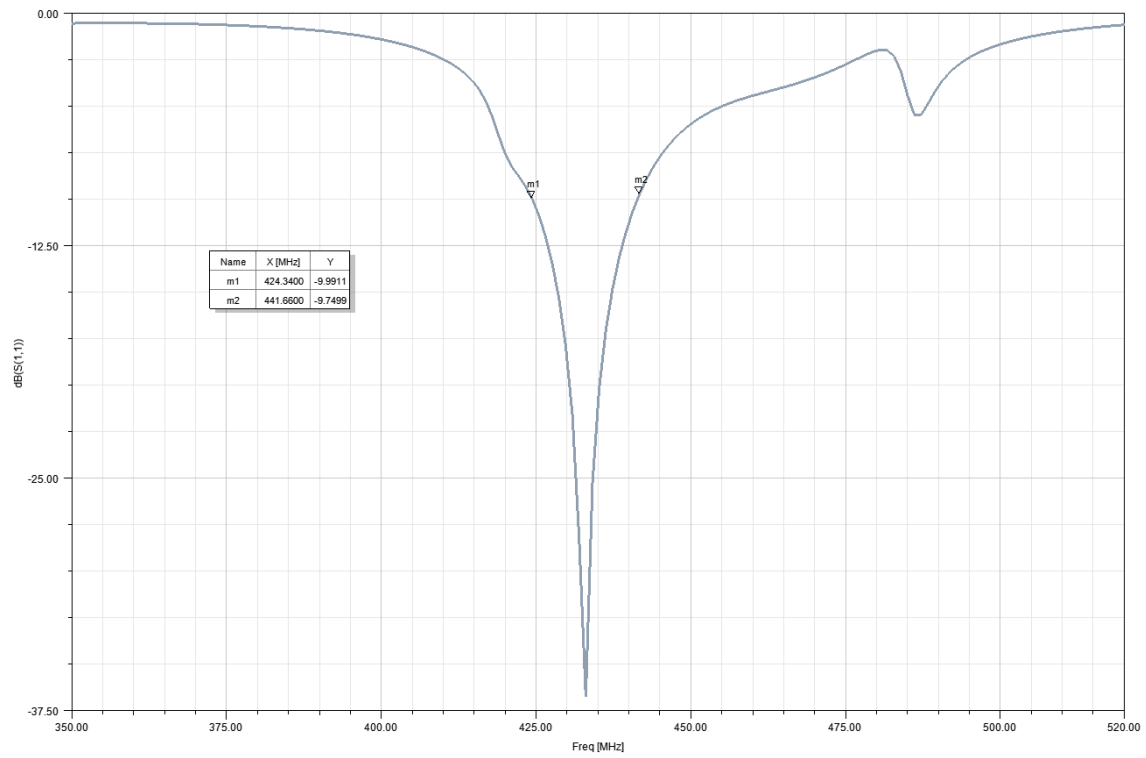
Product name	Trailer L Antenna
Part Number	3030052 Trailer L Antenna A
Frequency band	419 – 449 MHz
Operating Frequency	433.93 MHz
Polarization	Linear
Operating temperature	-40°C to 85°C
Impedance with matching	50 Ω
Antenna type	Through Hole
Dimensions (Antenna)	See Dimensions Section

RF CHARACTERISTICS

Peak gain	2.8 dBi
Average gain	-1.5 dB
Average efficiency	71%
Maximum return loss [419 – 449 MHz]	-6.0 dB
Maximum return loss [424 – 441 MHz]	-10.0 dB

RF PERFORMANCE

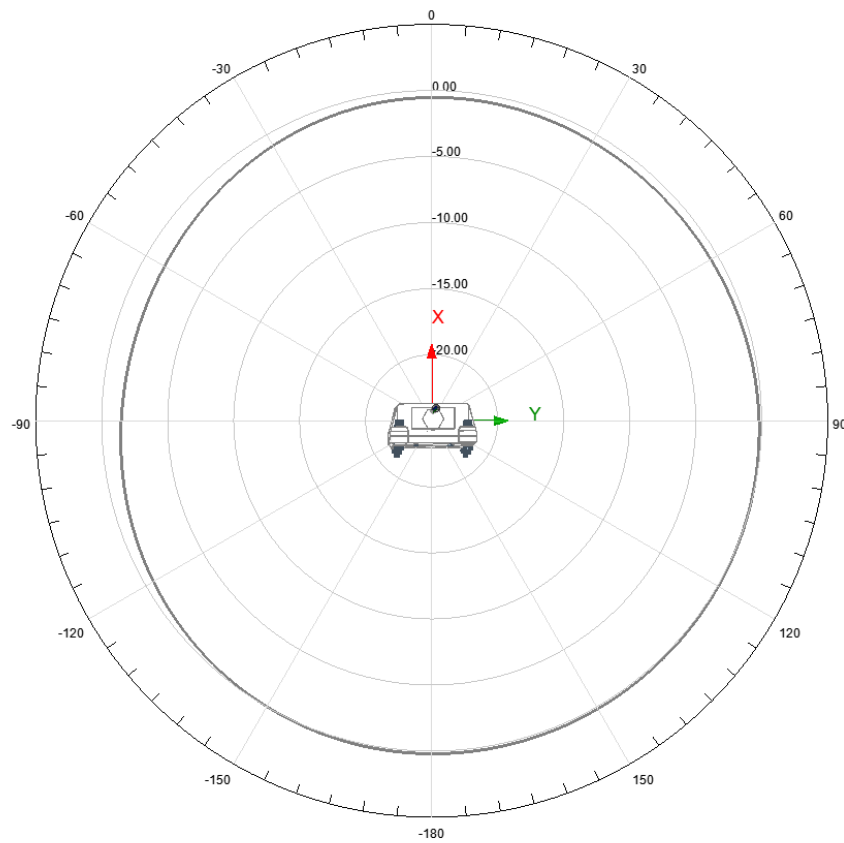
RETURN LOSS



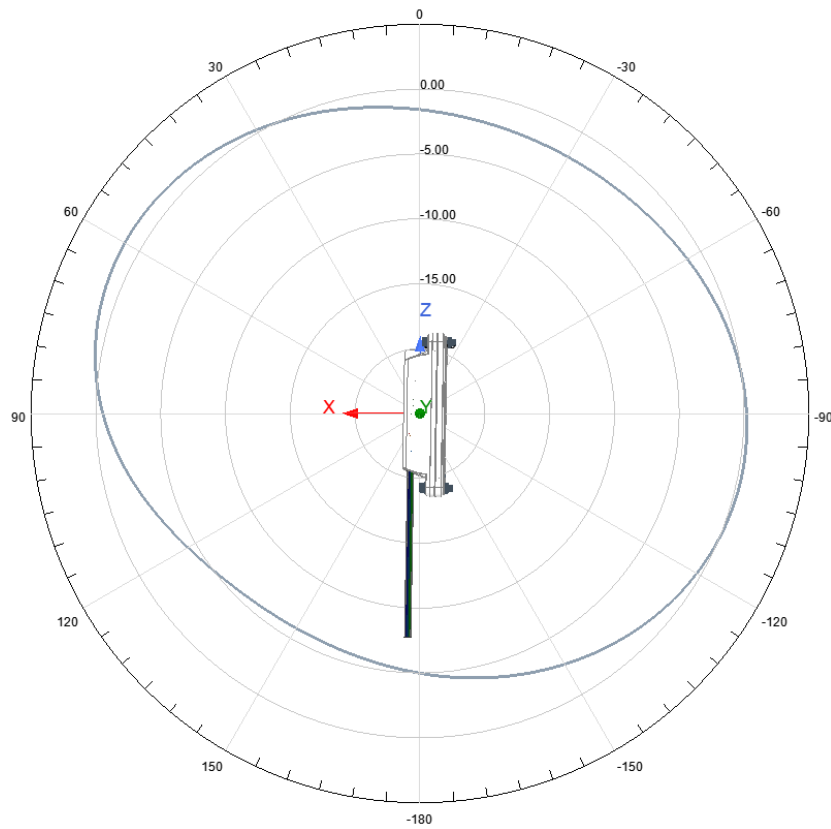
RF PERFORMANCE

433.92 MHZ

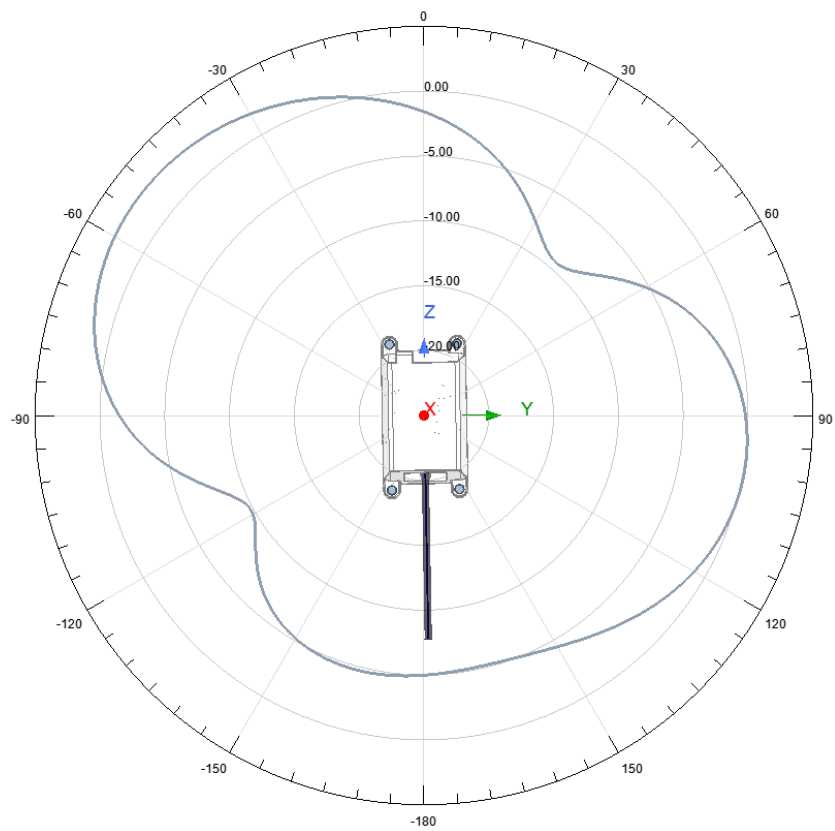
XY



ZX



ZY



ANTENNA DIMENSIONS

Dimensions in MM

