



VCH8200 ANTENNA GAIN

28-11-2023

SIS

RTX A/S

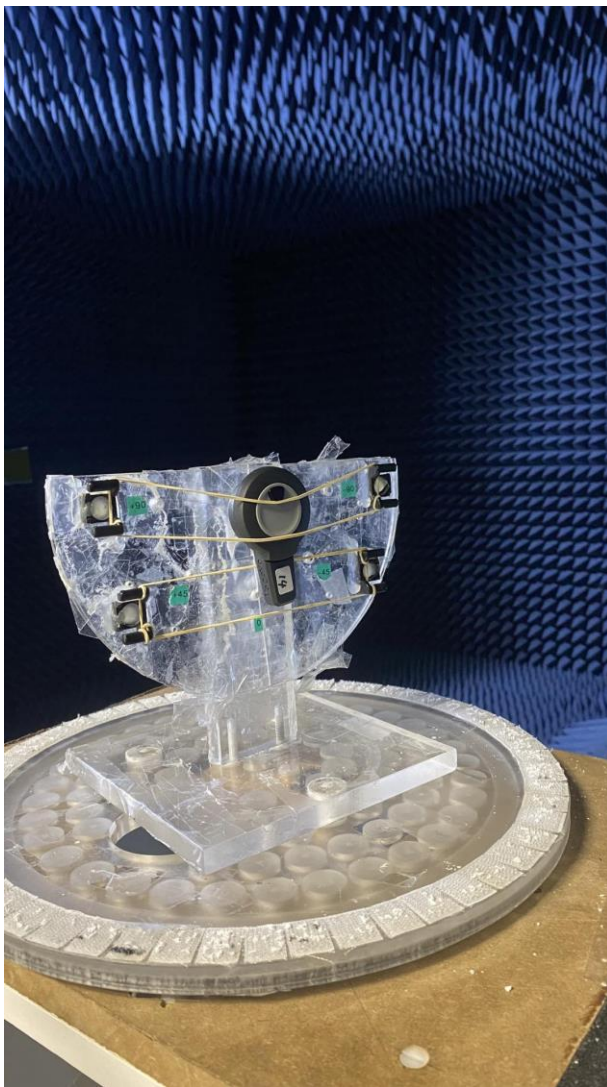
Located in: RTX Business Park

Address: Strømmen 6, 9400

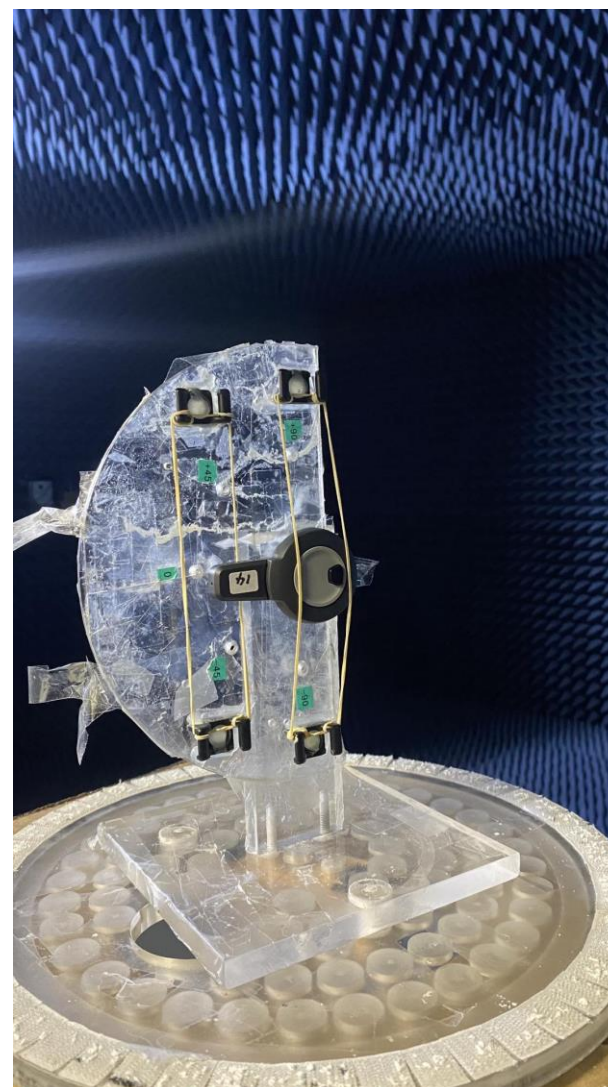
Nørresundby

Phone: 96 32 23 00

Chamber SET UP

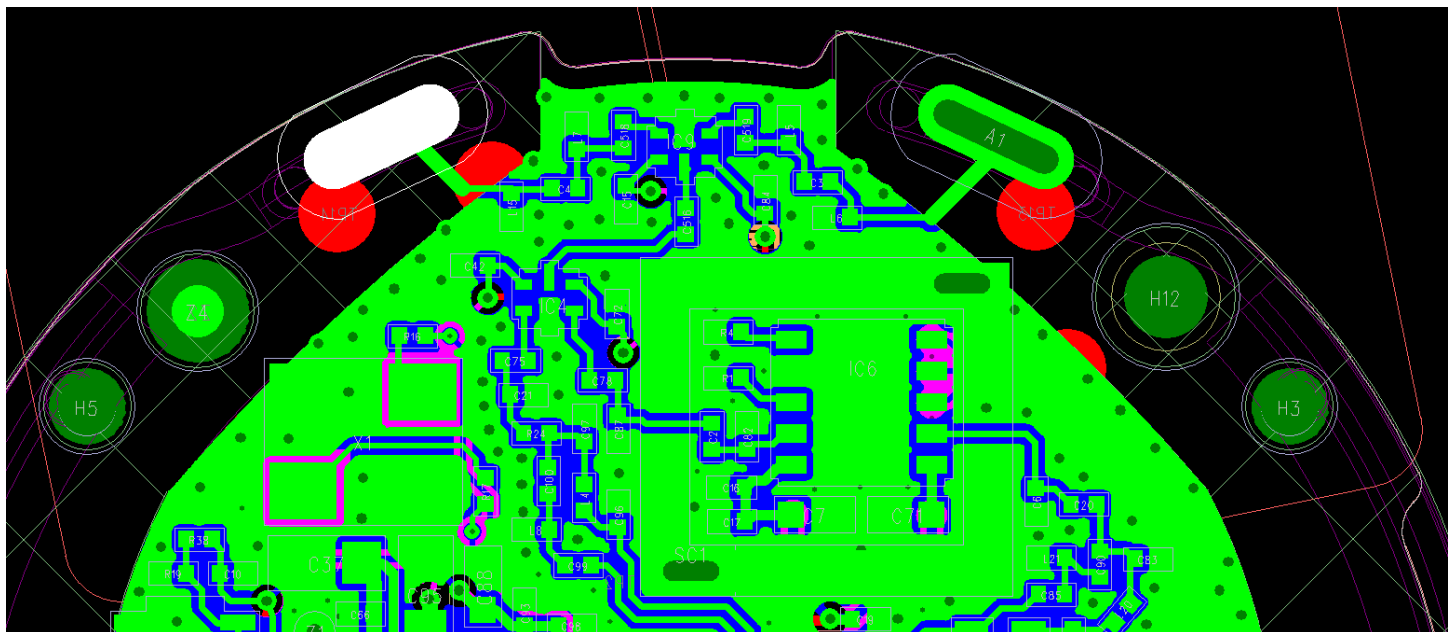


Vertical Orientation



Horizontal Orientation

Antenna 1

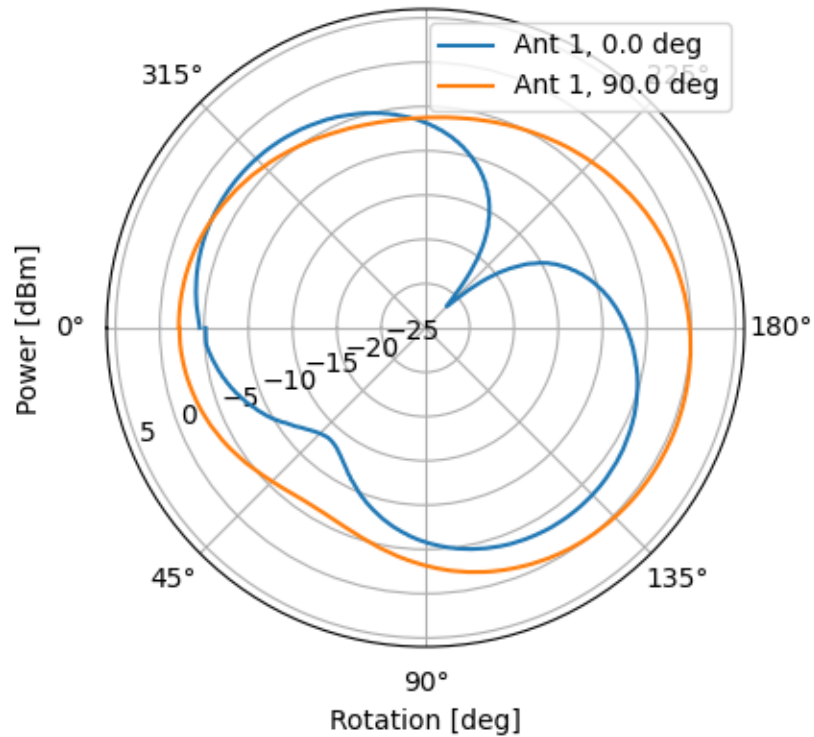


Description	Wire Antenna
Operation Freq. Range	1880-1930 MHz
Maximum Gain	0.5 dBi
Type	Embedded
Bandwidth	50 MHz
Nominal Impedance	50 ohms

Antenna 1

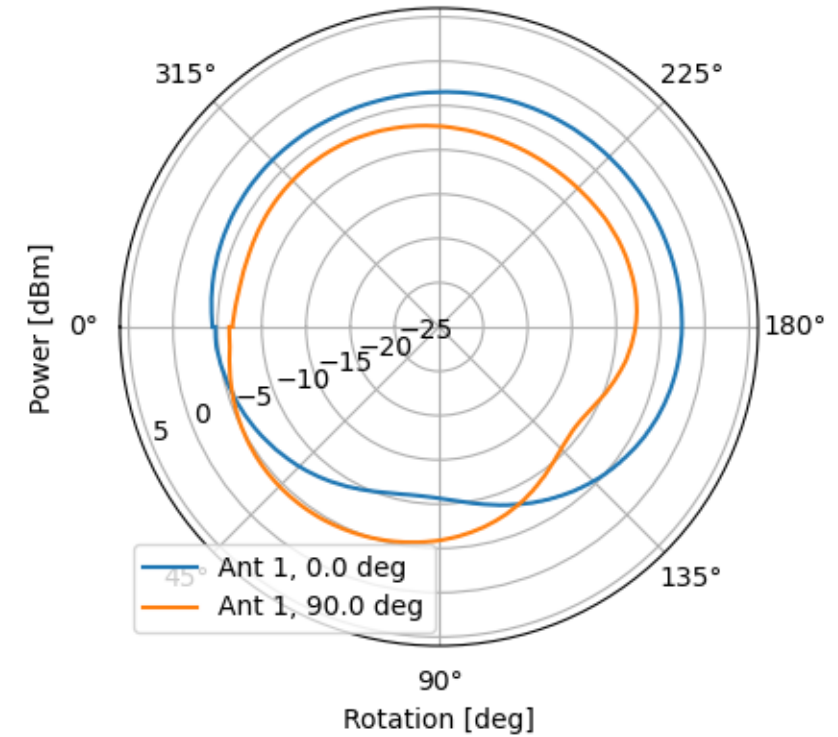
Horizontal Polarization

Polarization = H
Max power $(\phi, \theta, P) = (90.0, 152.1, 0.5)$
270°



Vertical Polarization

Polarization = V
Max power $(\phi, \theta, P) = (0.0, 184.5, -2.6)$
270°



Antenna 2

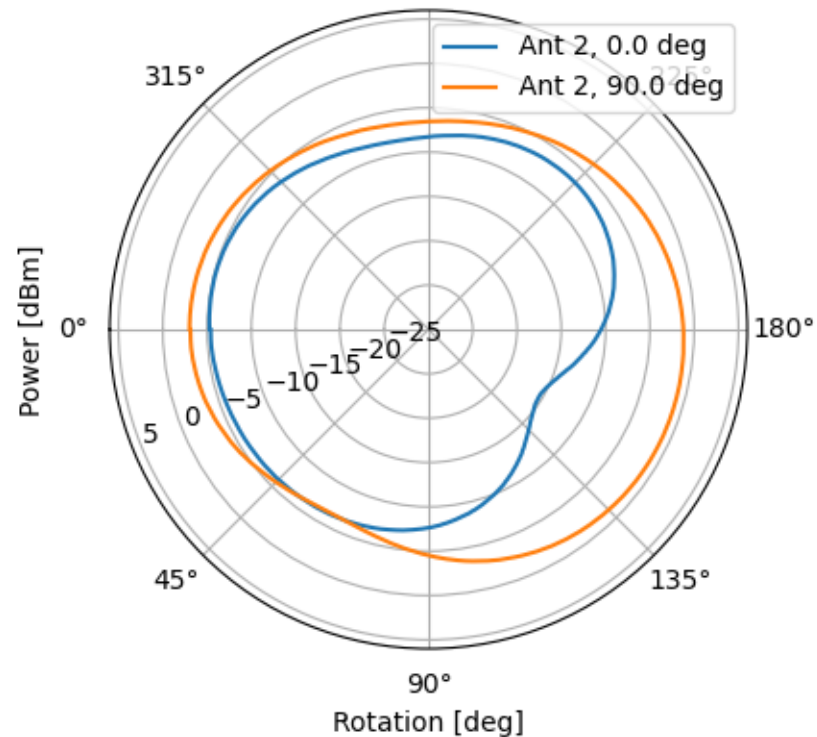


Description	Wire Antenna
Operation Freq. Range	1880-1930 MHz
Maximum Gain	-0.9 dBi
Type	Embedded
Bandwidth	50 MHz
Nominal Impedance	50 ohms

Antenna 2

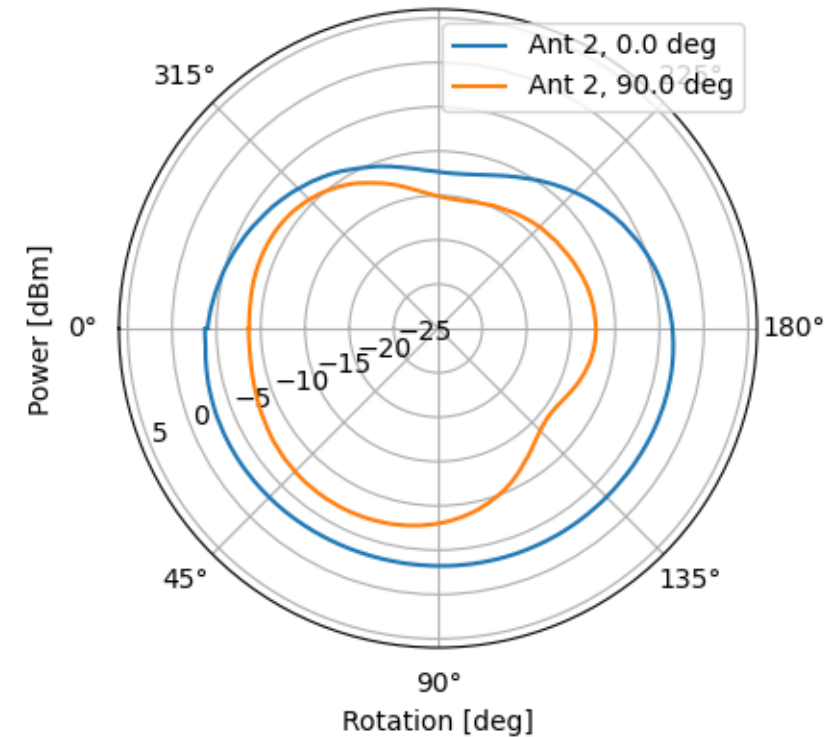
Horizontal Polarization

Polarization = H
Max power $(\phi, \theta, P) = (90.0, 155.7, -0.9)$
270°



Vertical Polarization

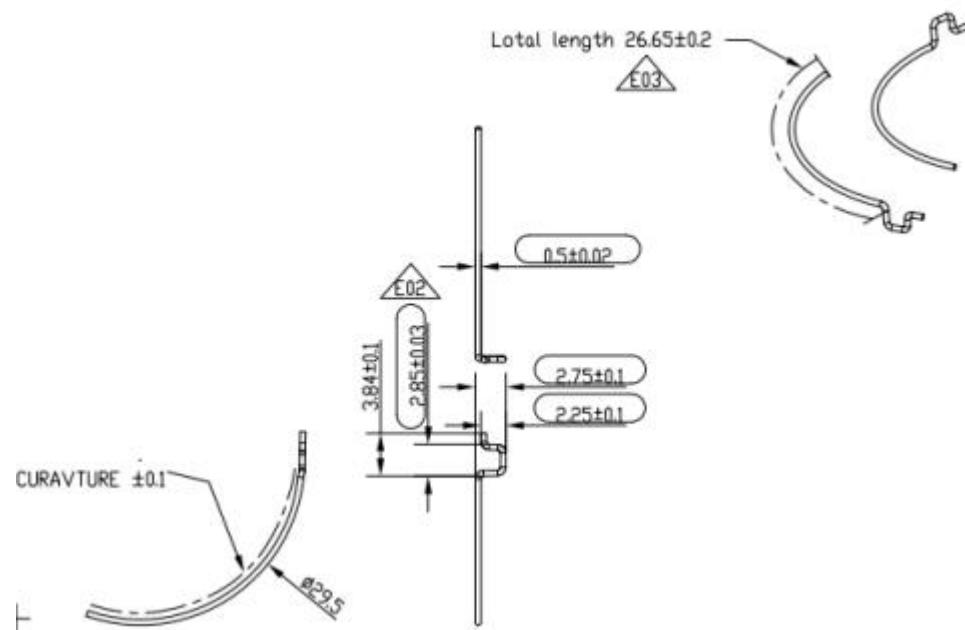
Polarization = V
Max power $(\phi, \theta, P) = (0.0, 37.8, -3.0)$
270°



Manufacturer : RTX A/S

Address: RTX Business Park, Strømmen 6, 9400 Nørresundby

ANT 1 – MFG P/N : 25050584



ANT 2 – MFG P/N : 25050583

