



2JW0124

(DATASHEET)

Type	Multiband antenna
Frequencies	4G/LTE (699-960/1710-2690 MHz) GALILEO E1 (1575.42 MHz) GPS (1575.42 MHz) GLONASS (1592 - 1610 MHz)
Mounting	Telematic Mount
Revision	01



1. SPECIFICATION

1.1. Electrical Specifications

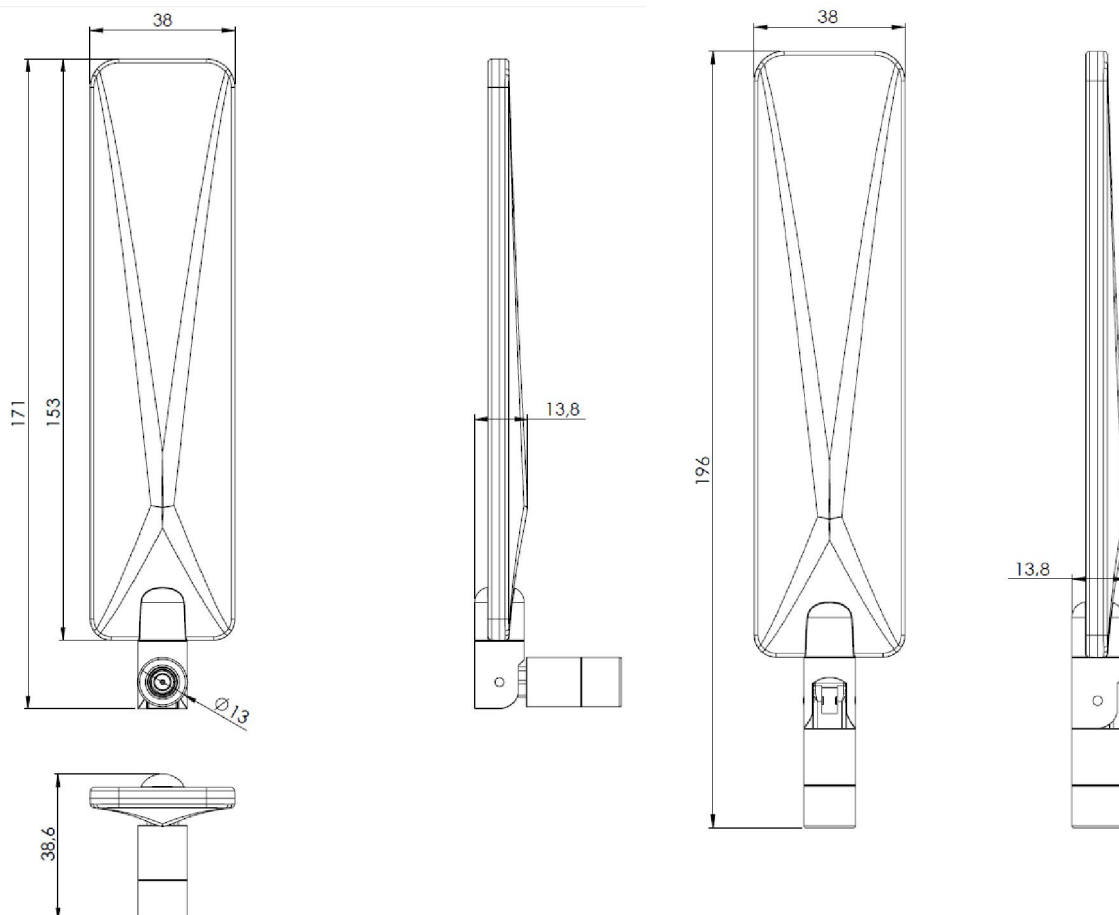
Frequencies	4G/LTE (699-960/1710-2690 MHz) GALILEO E1 (1575.42 MHz) GPS (1575.42 MHz) GLONASS (1592 - 1610 MHz)
Impedance	50 Ohms
Polarization	Linear
Gain	3dBi Ave.
VSWR	<3:1 ; <5:1 at 2500-2690MHz
Operating temperature	-40°C to +85°C

1.2. Connection Specifications

Connector: SMA male

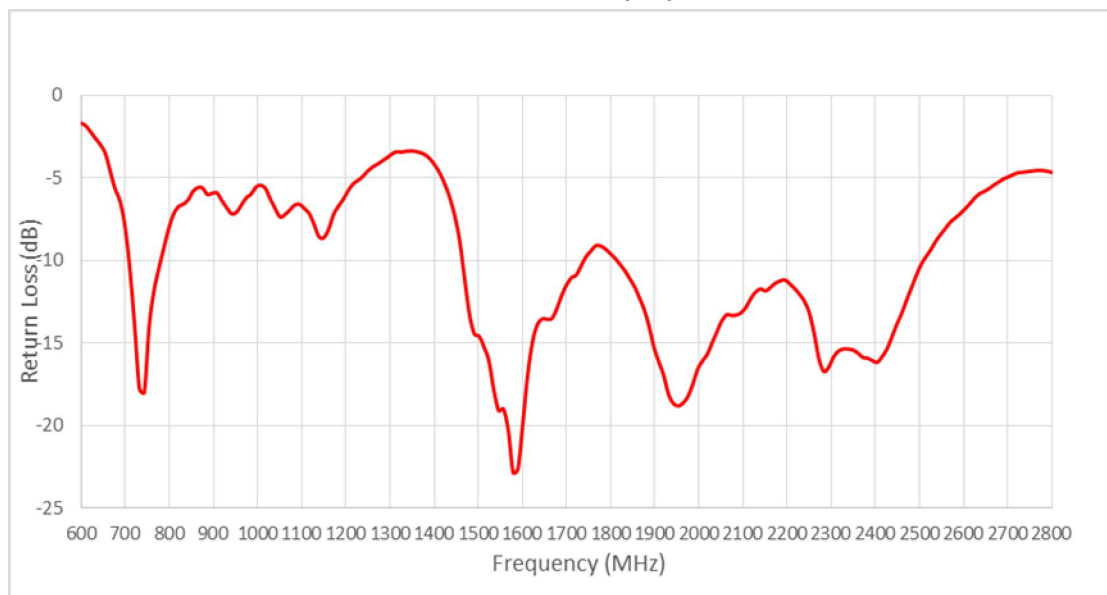
1.3. Mechanical Specifications and Dimensions

Material: ABS
 Max. dimensions: 38mm x 196mm x 13,8mm (W x H x T)
 Weight: 40g
 Colour: Black (for different colours please ask our sales team)

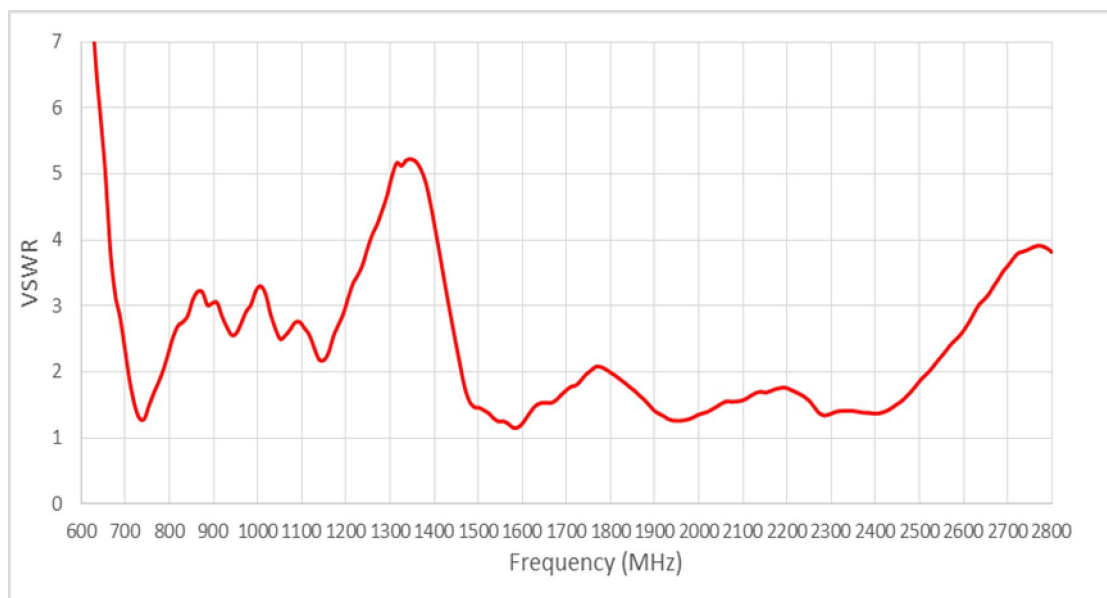


2. MEASUREMENT

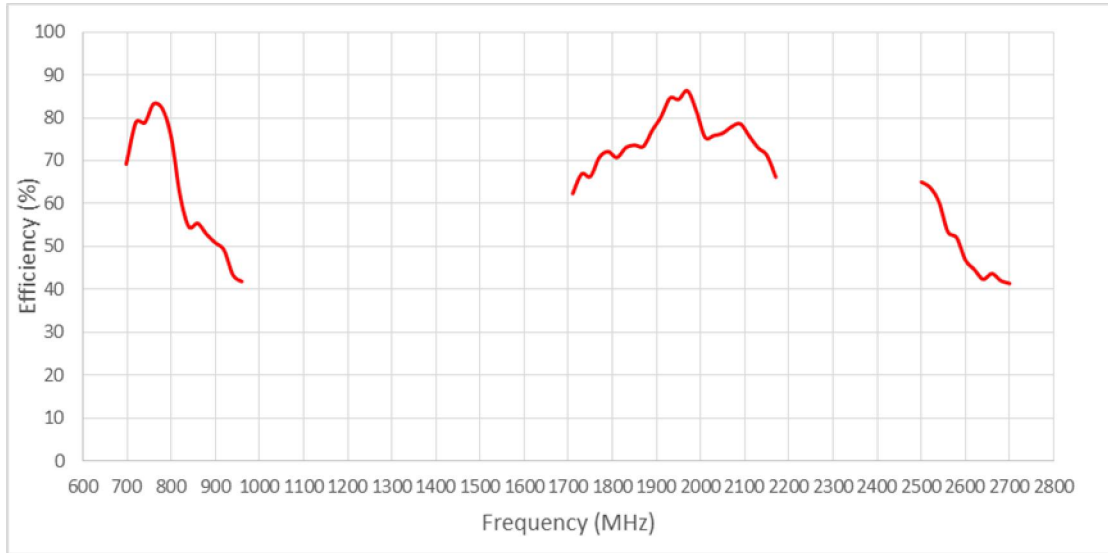
Return Loss (dB)



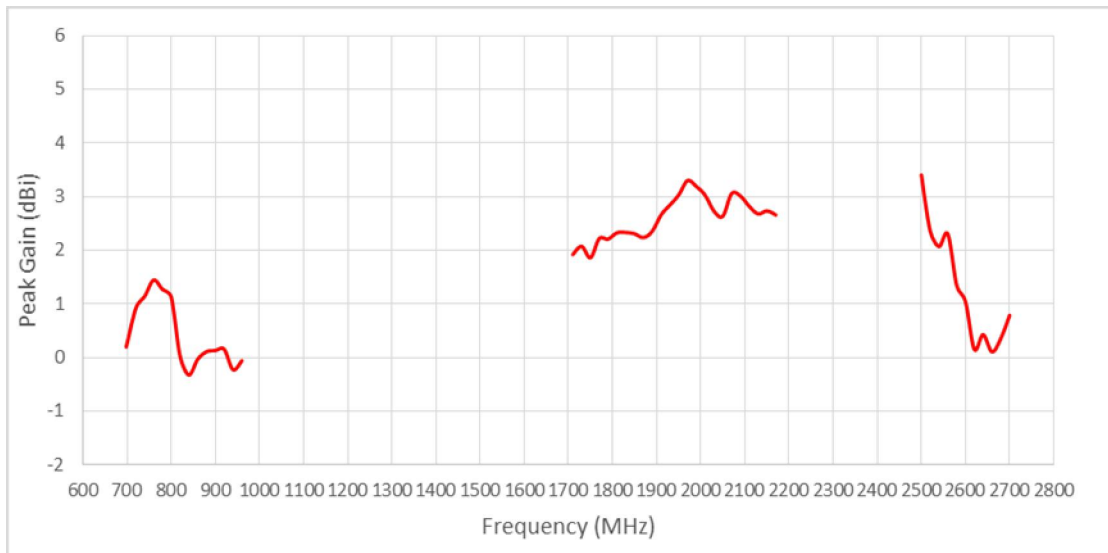
VSWR



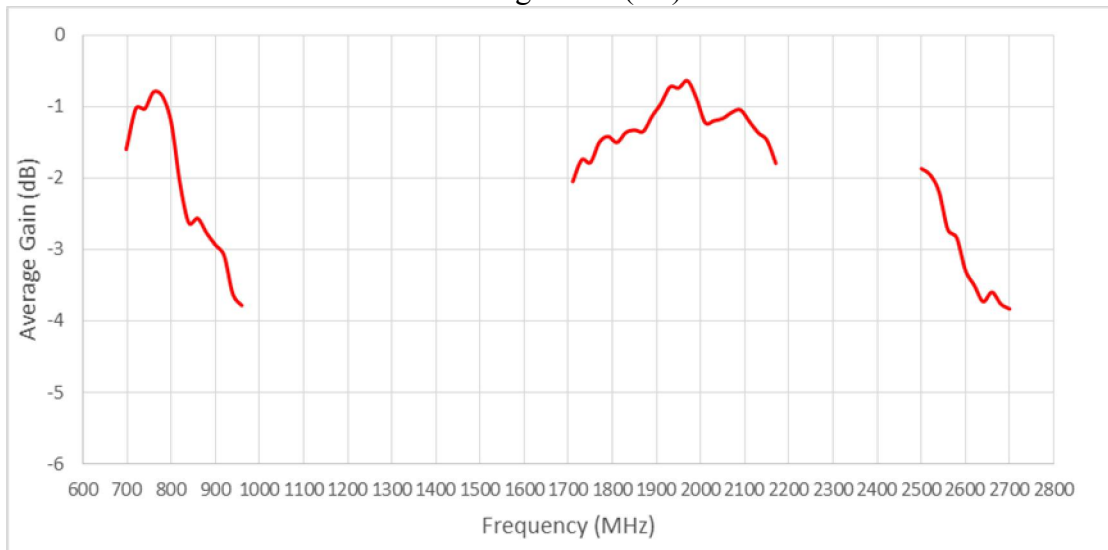
Efficiency (%)



Peak Gain (dBi)



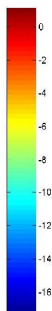
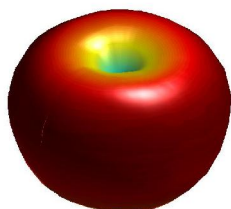
Average Gain (dB)



3D Spherical

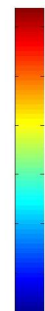
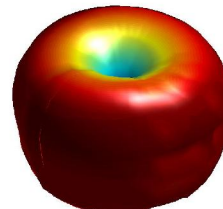
699MHz

Freq = 0.6990GHz Az= 45 EL= 45



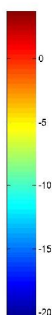
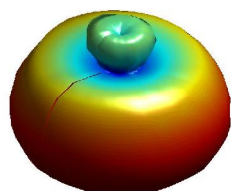
750MHz

Freq = 0.754GHz Az= 45 EL= 45



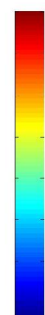
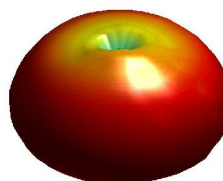
900MHz

Freq = 0.908GHz Az= 45 EL= 45



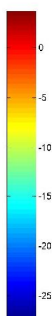
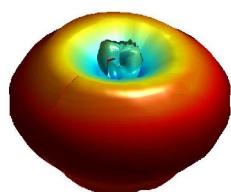
1800MHz

Freq = 1.799GHz Az= 45 EL= 45



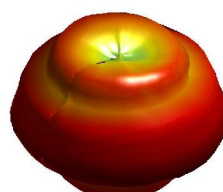
1900MHz

Freq = 1.909GHz Az= 45 EL= 45



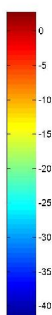
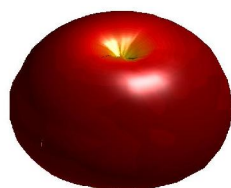
2100MHz

Freq = 2.107GHz Az= 45 EL= 45



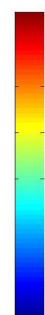
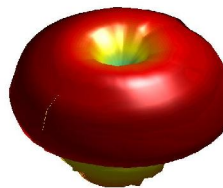
2400MHz

Freq = 2.404GHz Az= 45 EL= 45



2600MHz

Freq = 2.602GHz Az= 45 EL= 45



3. IMAGES

