



## Half Wave Dipole Rod antennas



A pair of Rod antennas for use with Evolution Wireless Digital receivers.

### DELIVERY INCLUDES

- 2 rod antennas

### SPECIFICATIONS

Frequency range	470 - 550 MHz, 520 - 608 MHz, 606 - 694 MHz, 694 - 758 MHz, 806 - 823 MHz, 823 - 865 MHz, 902 - 960 MHz or 1785 - 1805 MHz
Gain	typ. +2 dBi
Impedance	50 $\Omega$
Return Loss	-10 dB
Radiation Pattern	Omnidirectional
Efficiency	> 60 %
Polarization	Vertical
Power Withstanding	2 W
Connection	BNC male, no DC path
Dimensions	
Long antenna:	$\varnothing$ 8.5 x 338.1 mm
Short antenna:	$\varnothing$ 8.5 x 202.1 mm
Weight	Q: approx. 48.6 g (0.11 lbs) R: approx. 47.7 g (0.11 lbs) S: approx. 46.2 g (0.10 lbs) T1-7: approx. 46 g (0.10 lbs) T12-14: approx. 35.2 g (0.08 lbs) U: approx. 29.4 g (0.06 lbs) V: approx. 28.8 g (0.06 lbs) Y: approx. 27 g (0.06 lbs)
Temperature range	
Operation:	-10 $^{\circ}$ C - +55 $^{\circ}$ C (14 $^{\circ}$ F - 131 $^{\circ}$ F)
Storage:	-20 $^{\circ}$ C - +85 $^{\circ}$ C (-4 $^{\circ}$ F - 185 $^{\circ}$ F)
Relative humidity	max. 95 % (non-condensing)

### PRODUCT VARIANTS

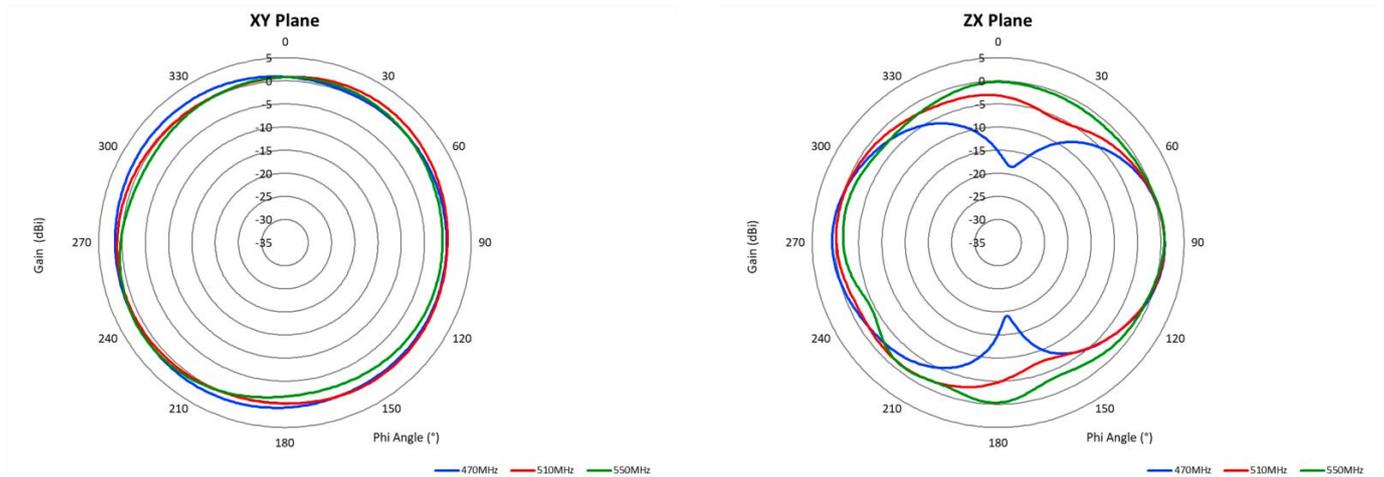
<b>Half Wave Dipole (Q)</b>	long antenna	470 - 550 MHz	Art. no. 508868
<b>Half Wave Dipole (R)</b>	long antenna	520 - 608 MHz	Art. no. 508869
<b>Half Wave Dipole (S)</b>	long antenna	606 - 694 MHz	Art. no. 508870
<b>Half Wave Dipole (T1-7)</b>	long antenna	694 - 758 MHz	Art. no. 700461
<b>Half Wave Dipole (T12-14)</b>	long antenna	806 - 823 MHz	Art. no. 700504
<b>Half Wave Dipole (U)</b>	short antenna	823 - 865 MHz	Art. no. 508871
<b>Half Wave Dipole (V)</b>	short antenna	902 - 960 MHz	Art. no. 508966
<b>Half Wave Dipole (Y)</b>	short antenna	1785 - 1805 MHz	Art. no. 508872



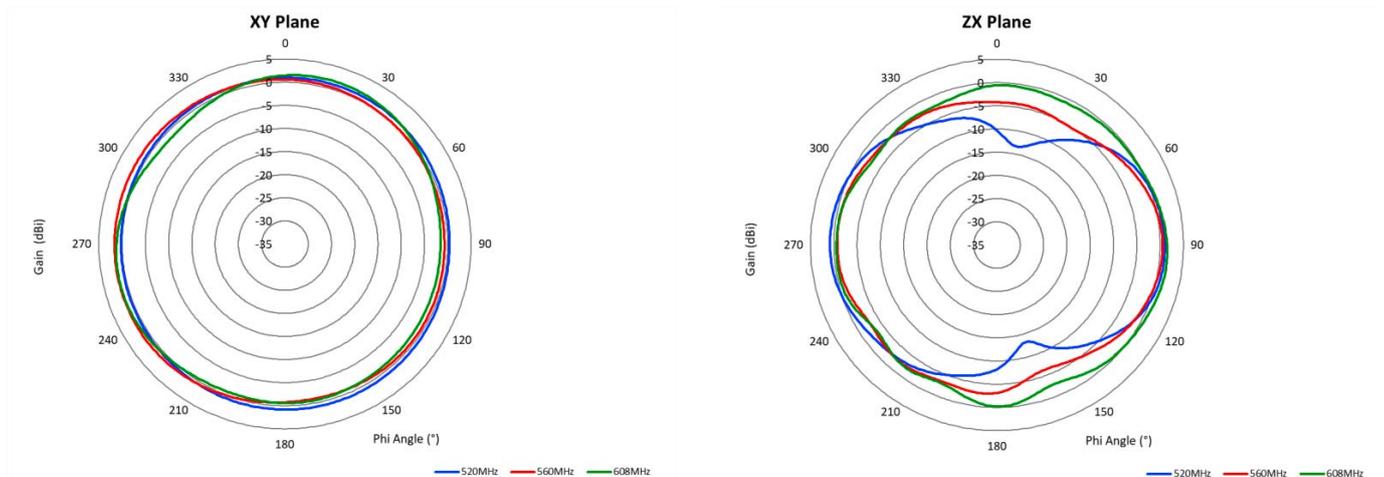
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## POLAR PATTERN

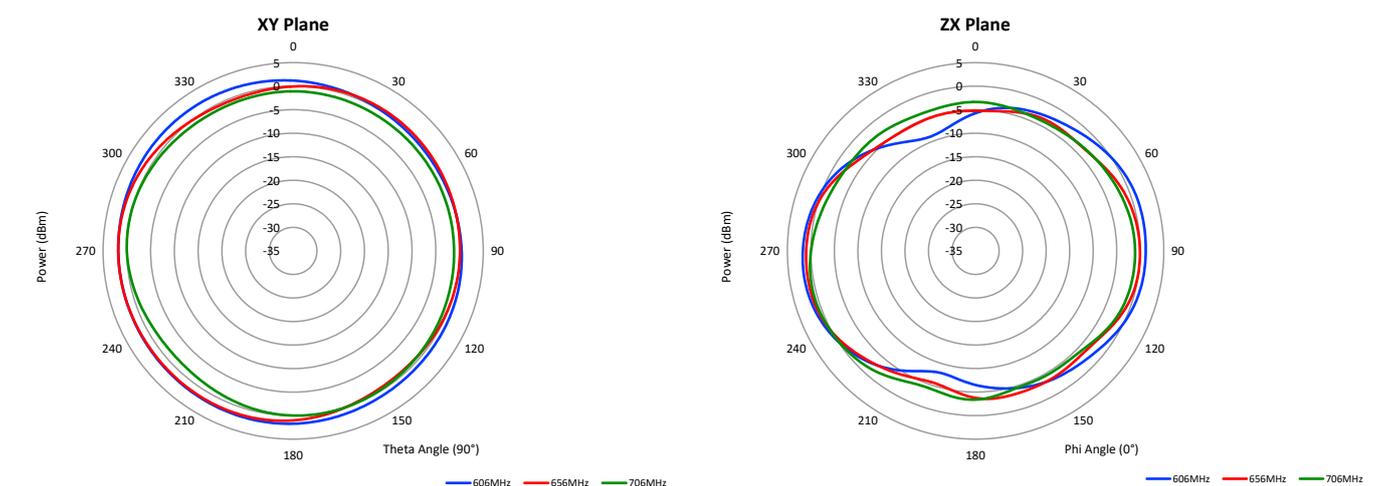
### Half Wave Dipole (Q)



### Half Wave Dipole (R)



### Half Wave Dipole (S)

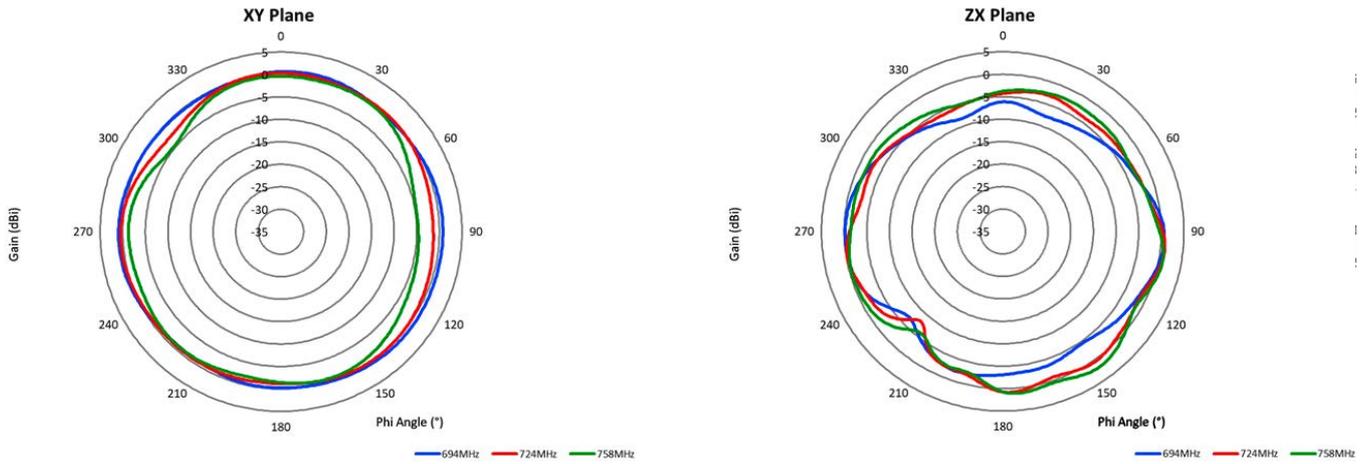




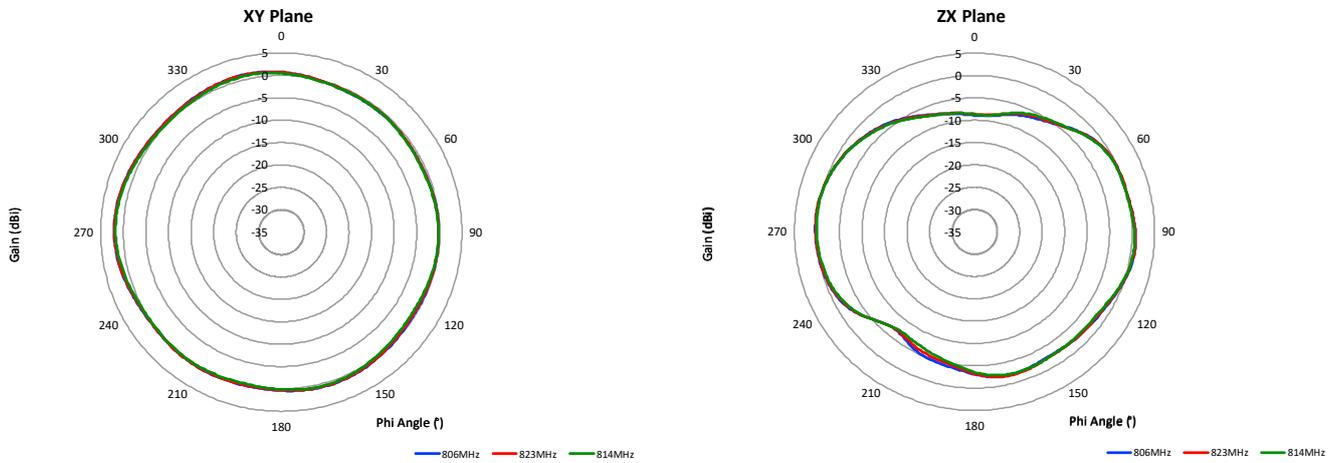
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## POLAR PATTERN

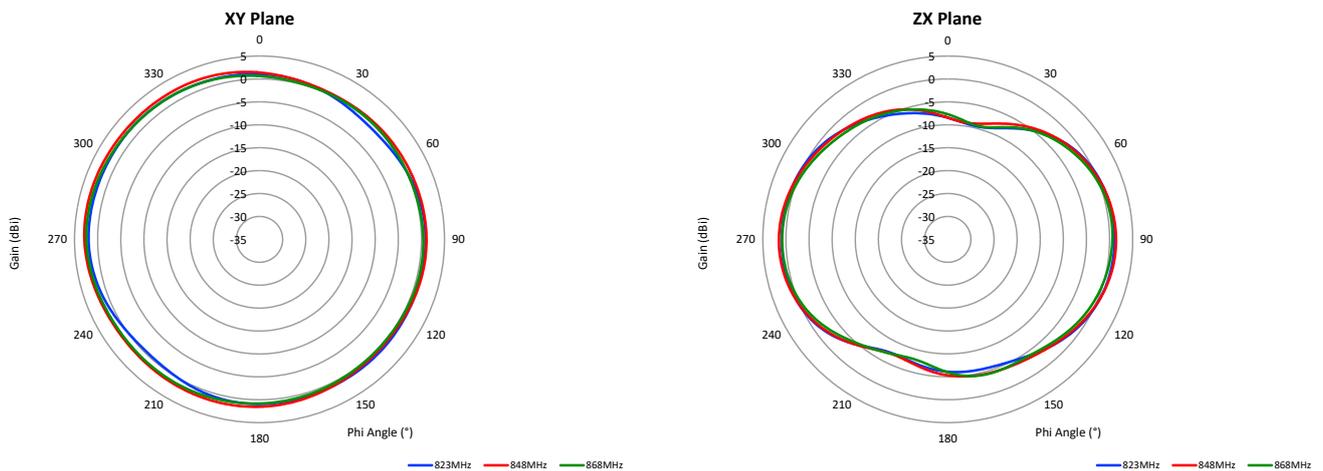
### Half Wave Dipole (T1-7)



### Half Wave Dipole (T12-14)



### Half Wave Dipole (U)

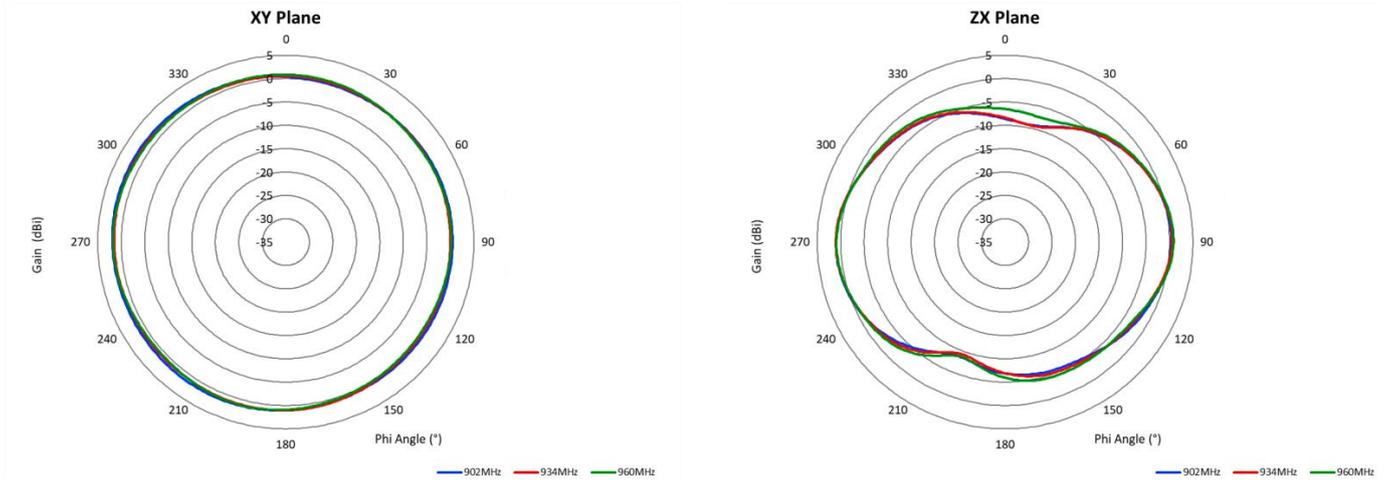




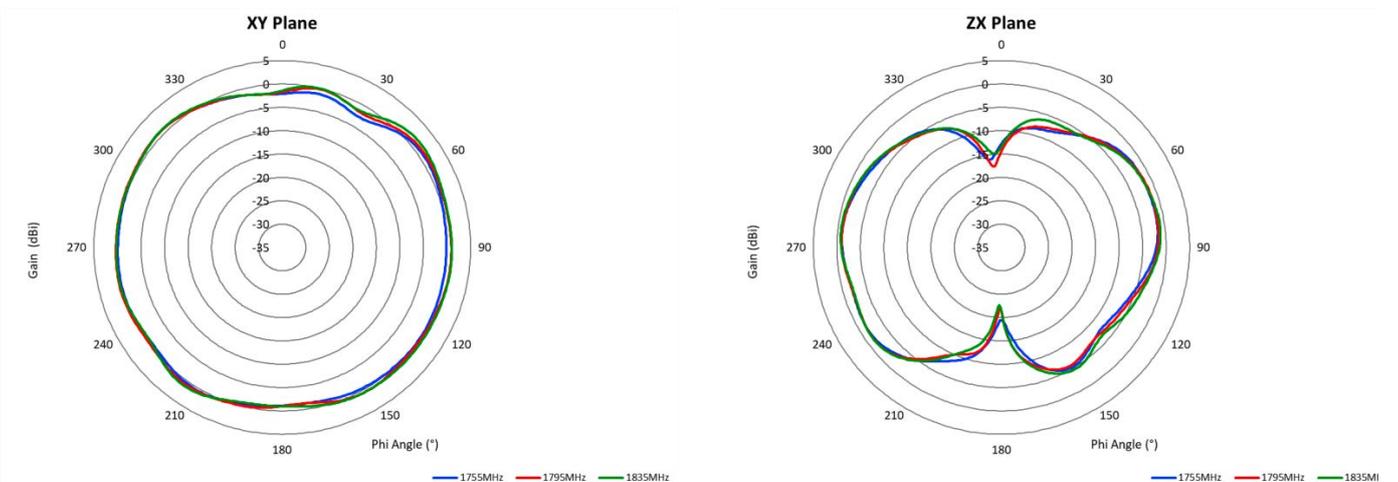
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## POLAR PATTERN

### Half Wave Dipole (V)



### Half Wave Dipole (Y)

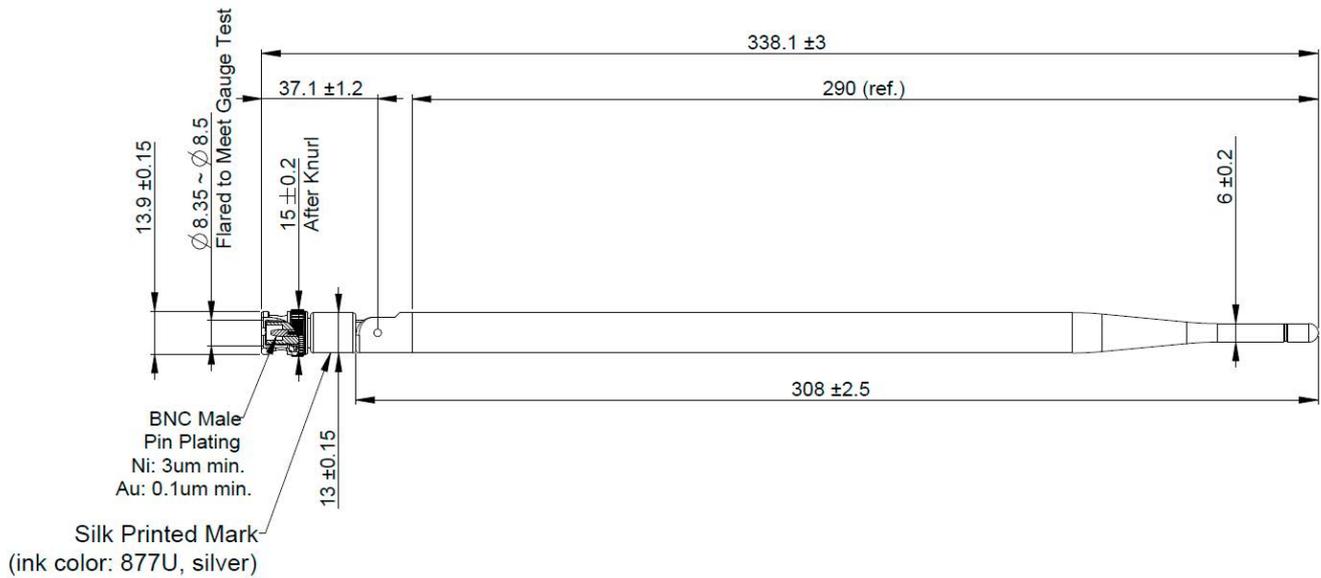




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## DIMENSIONS

### Long Antenna



### Short Antenna

