



Half Wave Dipole Rod antennas



Example illustrations

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, 1240 - 1260 MHz or 1785 - 1805 MHz
Gain	typ. +2 dBi
Impedance	50 Ω
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)
W:	approx. 27 g (0.06 lbs)
Y:	approx. 27 g (0.06 lbs)
Temperature range	
Operation:	-10 °C - +55 °C (14 °F - 131 °F)
Storage:	-20 °C - +85 °C (-4 °F - 185 °F)
Relative humidity	max. 95 % (non-condensing)

PRODUCT VARIANTS

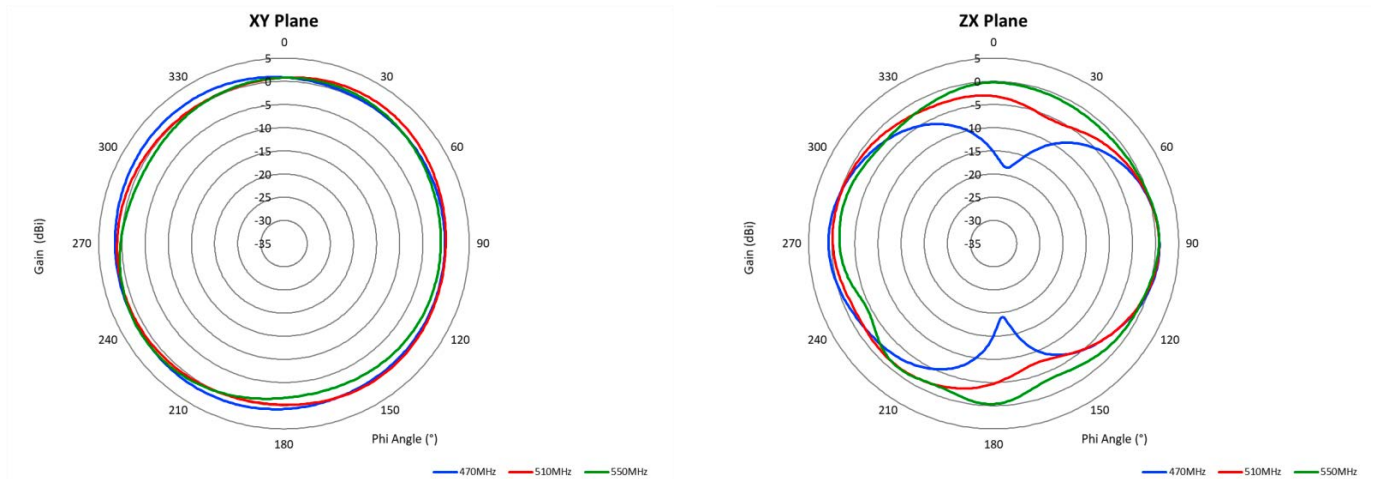
Half Wave Dipole (Q)	long antenna	470 - 550 MHz	Art. no. 508868
Half Wave Dipole (R)	long antenna	520 - 608 MHz	Art. no. 508869
Half Wave Dipole (S)	long antenna	606 - 694 MHz	Art. no. 508870
Half Wave Dipole (T1-7)	long antenna	694 - 758 MHz	Art. no. 700461
Half Wave Dipole (T12-14)	long antenna	806 - 823 MHz	Art. no. 700504
Half Wave Dipole (U)	short antenna	823 - 865 MHz	Art. no. 508871
Half Wave Dipole (V)	short antenna	902 - 960 MHz	Art. no. 508966
Half Wave Dipole (W)	short antenna	1240 - 1260 MHz	Art. no. 700717
Half Wave Dipole (Y)	short antenna	1785 - 1805 MHz	Art. no. 508872



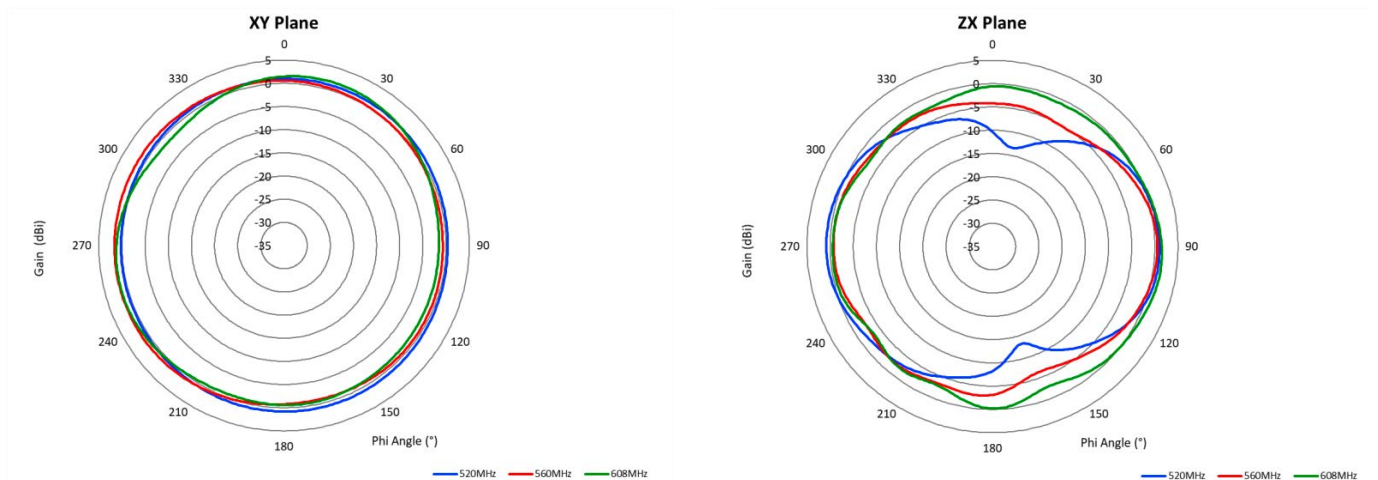
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POLAR PATTERN

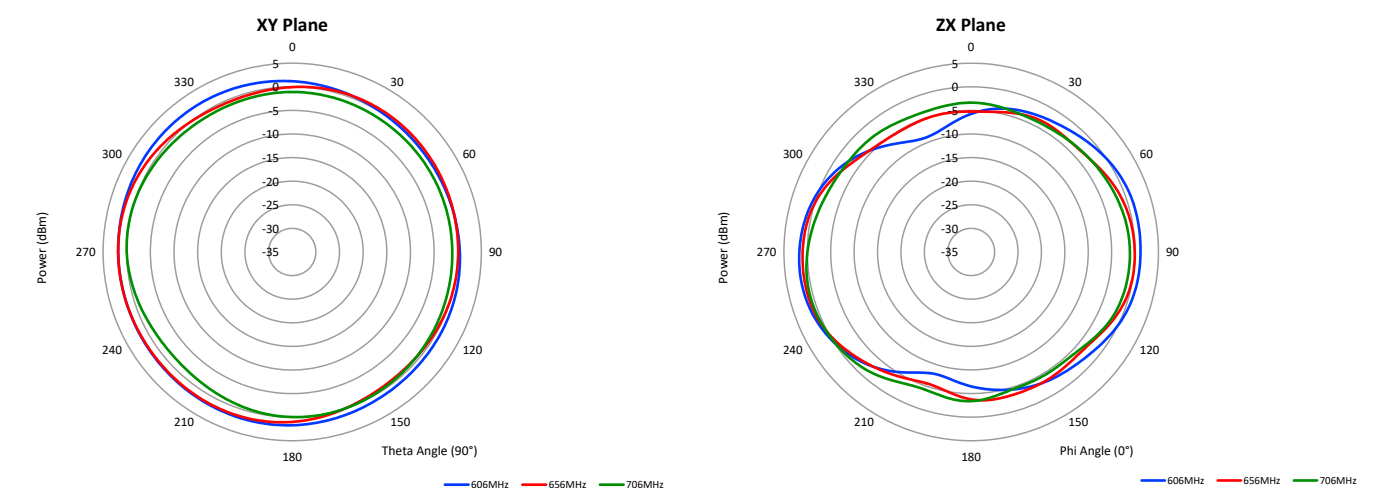
Half Wave Dipole (Q)



Half Wave Dipole (R)



Half Wave Dipole (S)

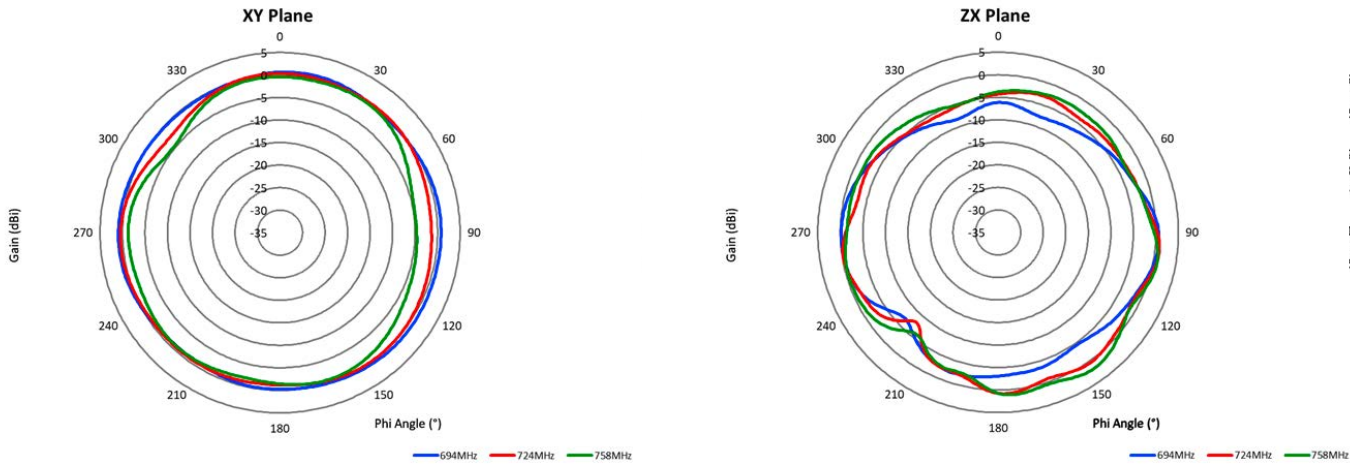




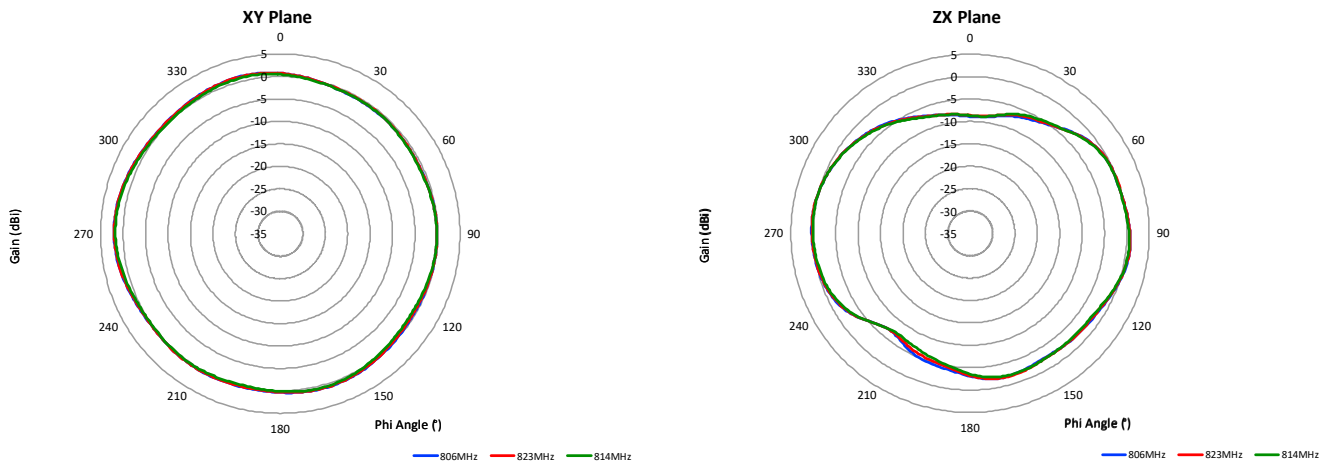
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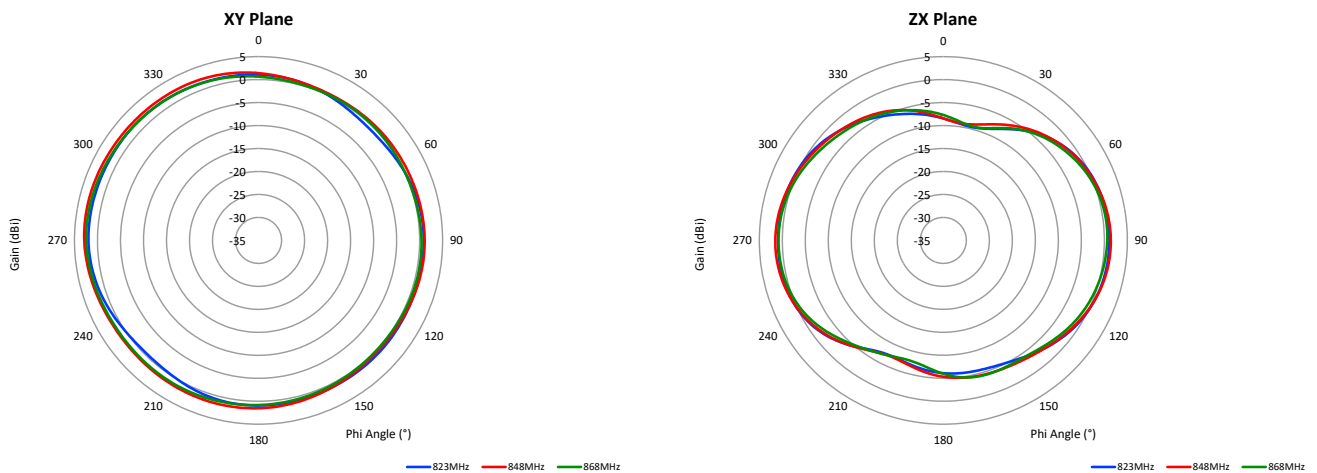
Half Wave Dipole (T1-7)



Half Wave Dipole (T12-14)



Half Wave Dipole (U)

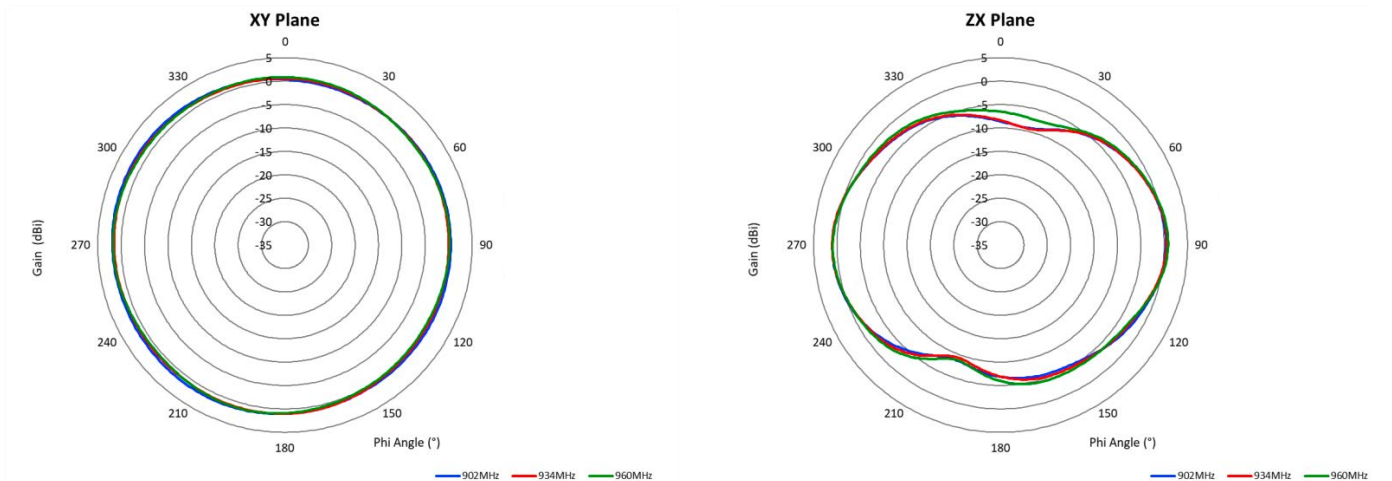




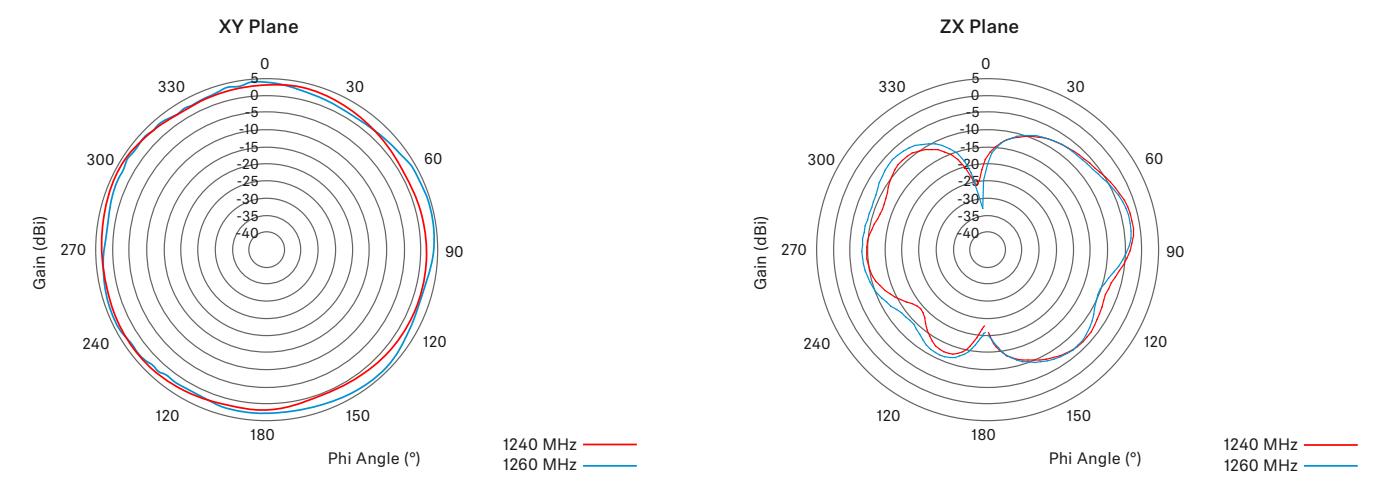
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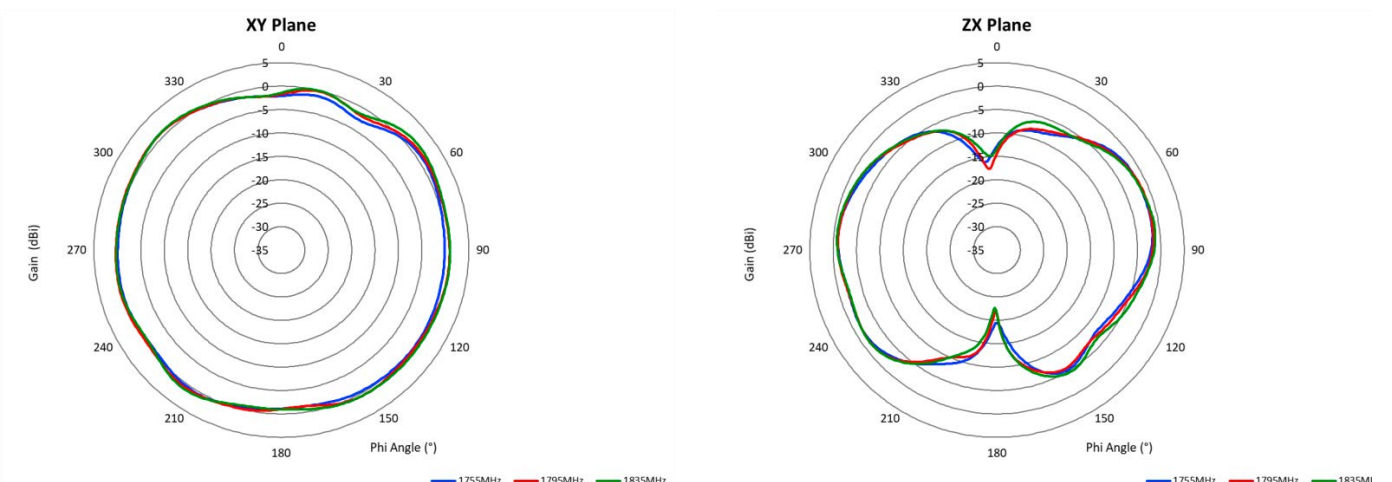
Half Wave Dipole (V)



Half Wave Dipole (W)



Half Wave Dipole (Y)

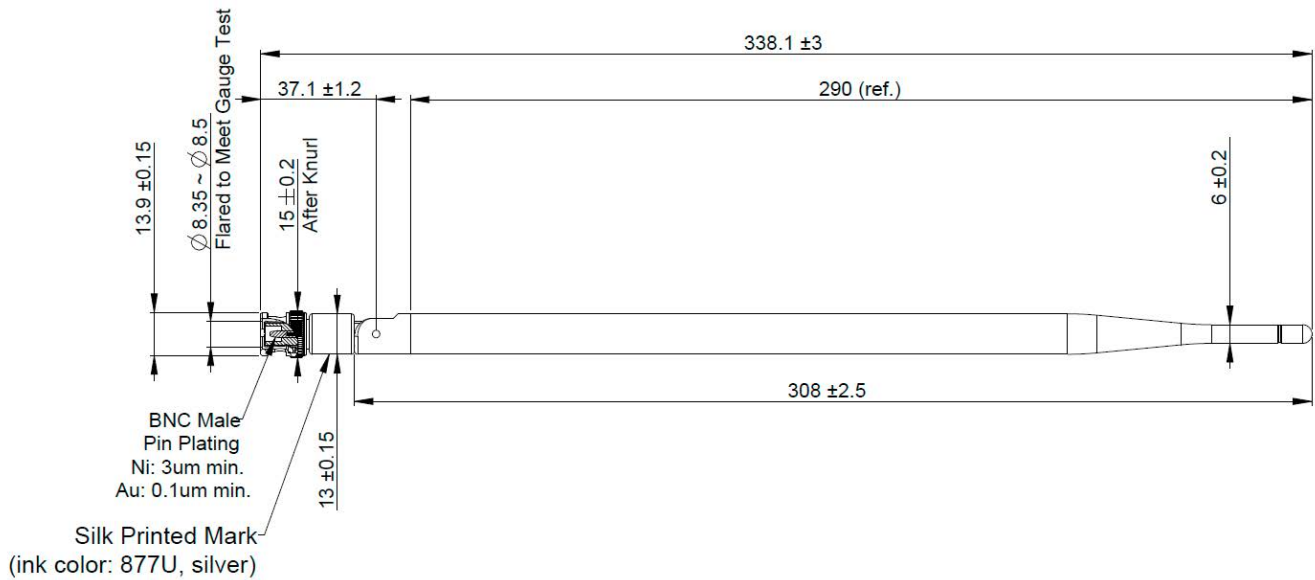




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DIMENSIONS

Long Antenna



Short Antenna

