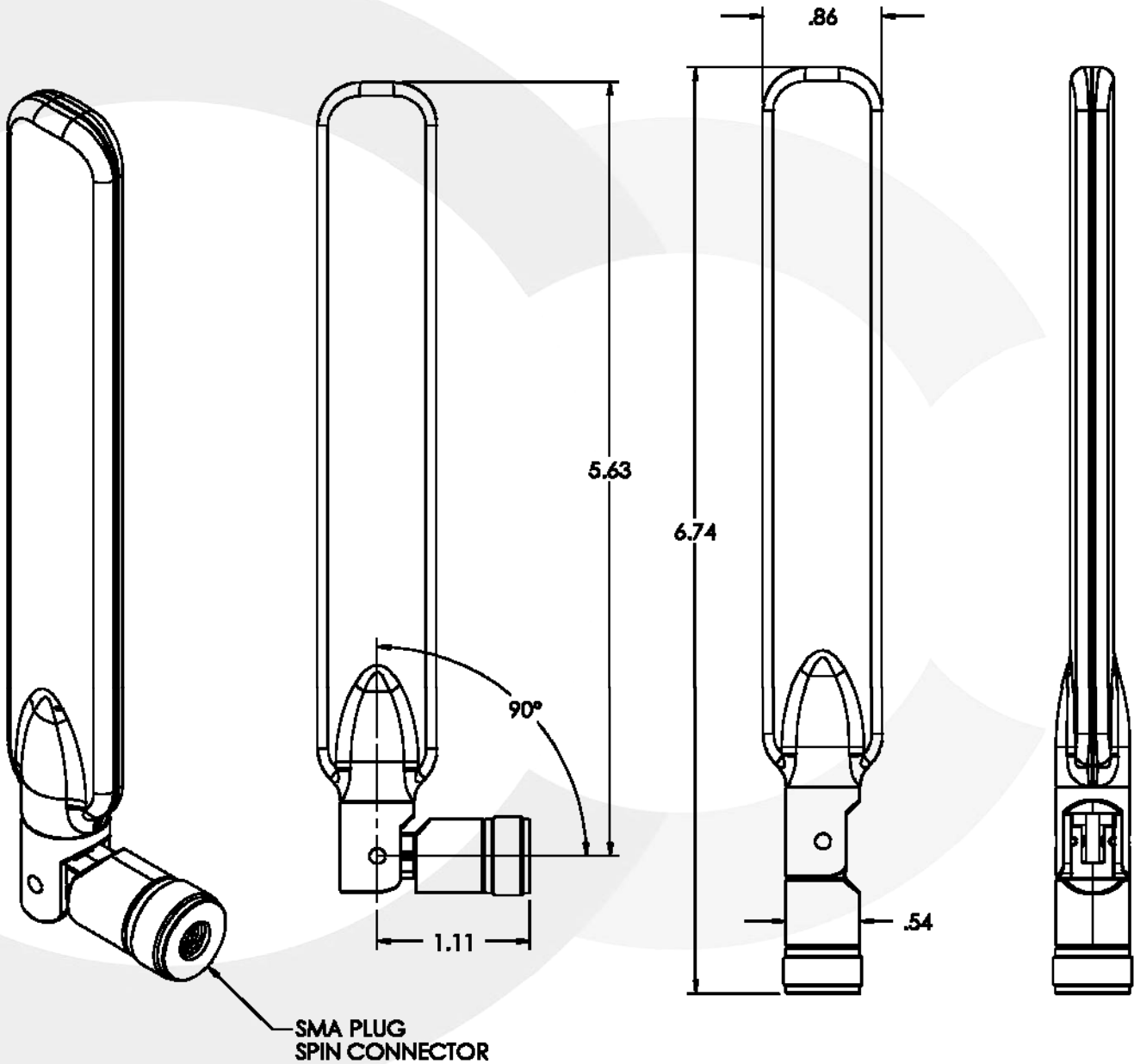


DUAL BAND DIPOLE 806-925/1800-2170MHz
SMA SPIN CONNECTOR

SPDA24850/1900

Series : ANTENNA



All dimensions are in inches

Issue : 1004

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



DUAL BAND DIPOLE 806-925/1800-2170MHz
SMA SPIN CONNECTOR
SPDA24850/1900

Series : ANTENNA

ELECTRICAL SPECIFICATIONS

Frequency :.....	806-925/1800-2170 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	2.5:1 Max
Gain (806-925) :.....	0 dBi ± .5dB
Gain (1850-1990) :.....	1.3 dBi ± .5dB
Gain (2000-2170) :.....	1.5 dBi ± .5dB
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane:	Omni
Vertical Plane (806-900):	92 ° ± 2 °
Vertical Plane (925):	83 ° ± 2 °
Vertical Plane (1800):	74 ° ± 2 °
Vertical Plane (1900):	70 ° ± 2 °
Vertical Plane (2000):	63 ° ± 2 °
Vertical Plane (2100):	60 ° ± 2 °
Polarization :.....	Vertical
Power withstanding :.....	3 W
Connector type :.....	SMA

MECHANICAL SPECIFICATIONS

Plastic radome :.....	Bayblend FR 2010 (PC+ABS)
Color :.....	Black
Weight :.....	36 g
Overall length :	6.74 INCHES

ENVIRONMENTAL SPECIFICATIONS

Operating temperature :.....	-30 to +70 ° C
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DUAL BAND DIPOLE 806-925/1800-2170MHz

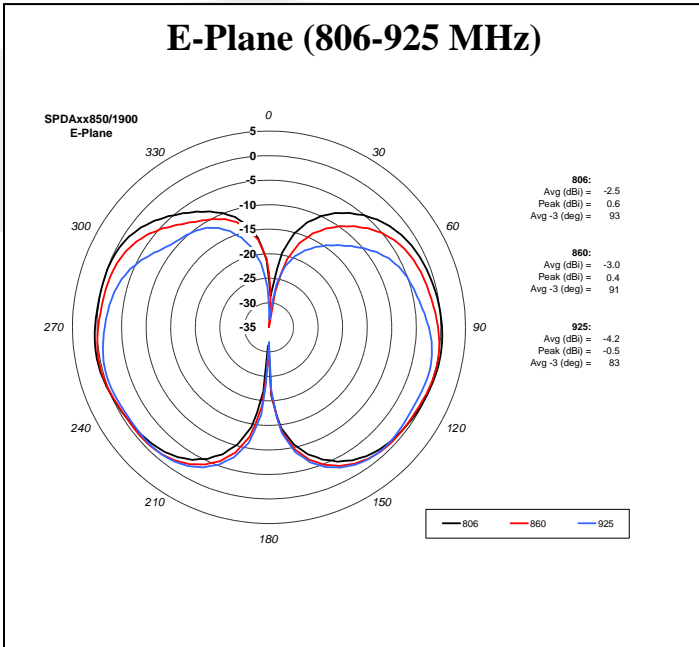
SPDA24850/1900

SMA SPIN CONNECTOR

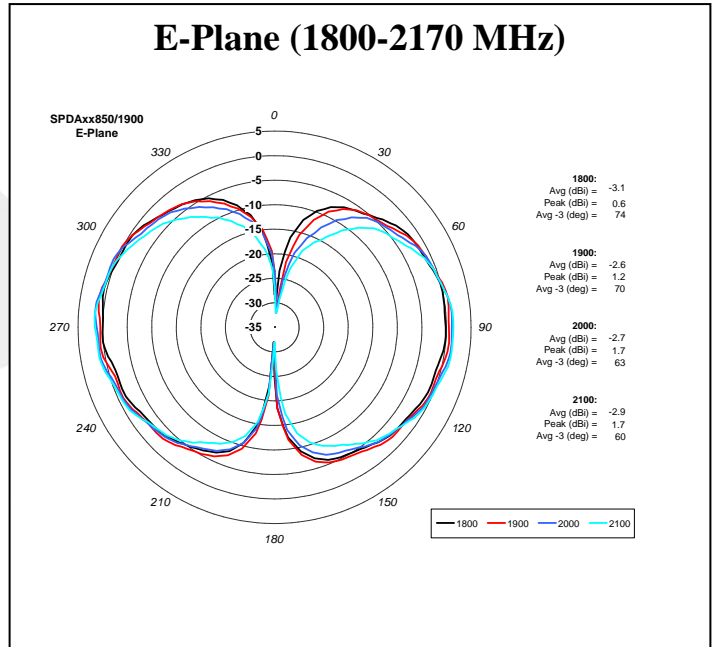
Series : ANTENNA

CURVES

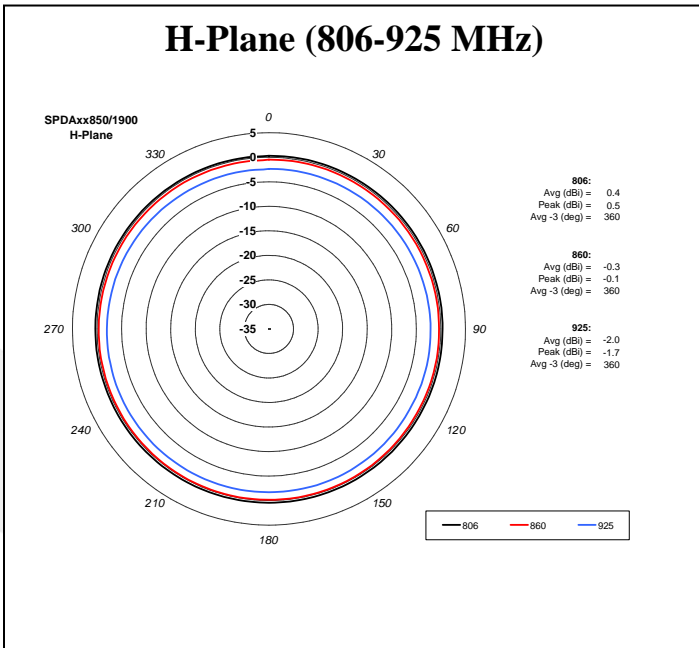
E-Plane (806-925 MHz)



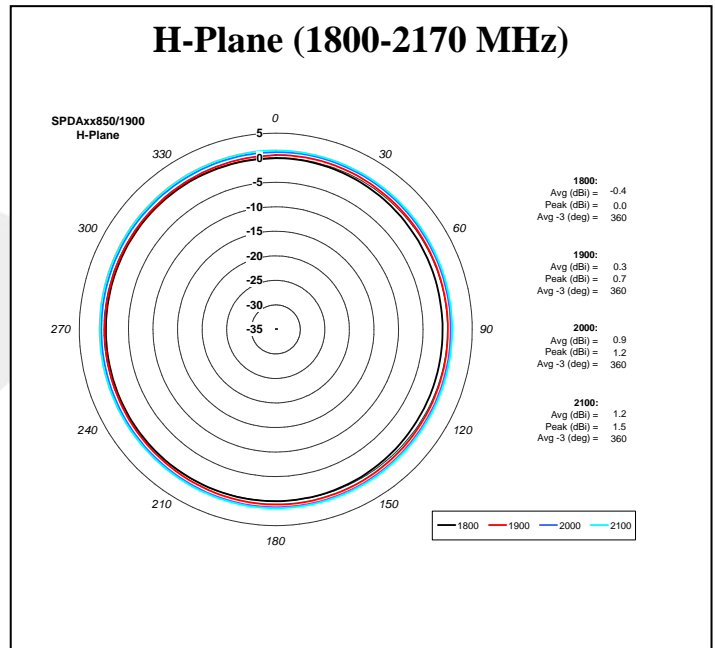
E-Plane (1800-2170 MHz)



H-Plane (806-925 MHz)



H-Plane (1800-2170 MHz)



Issue : 1004

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DUAL BAND DIPOLE 806-925/1800-2170MHz

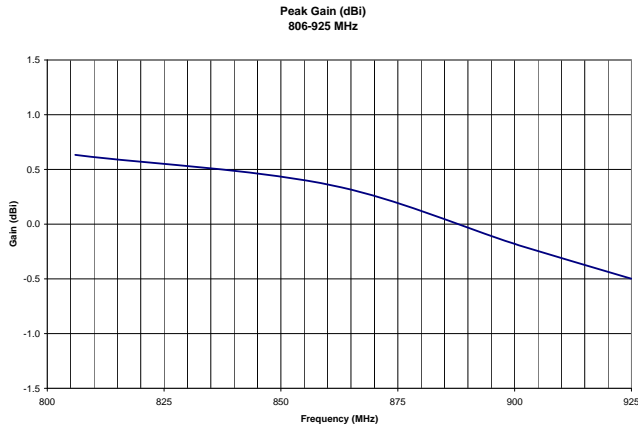
SMA SPIN CONNECTOR

SPDA24850/1900

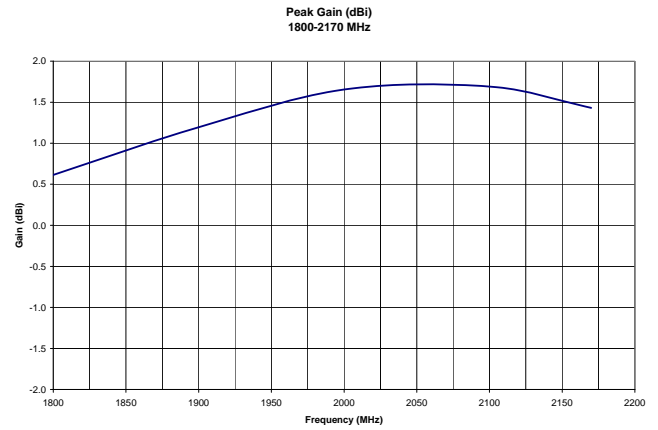
Series : ANTENNA

CURVES

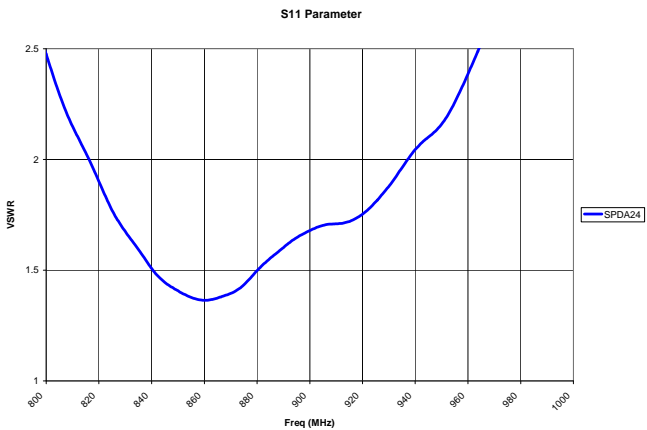
Gain (806-925 MHz)



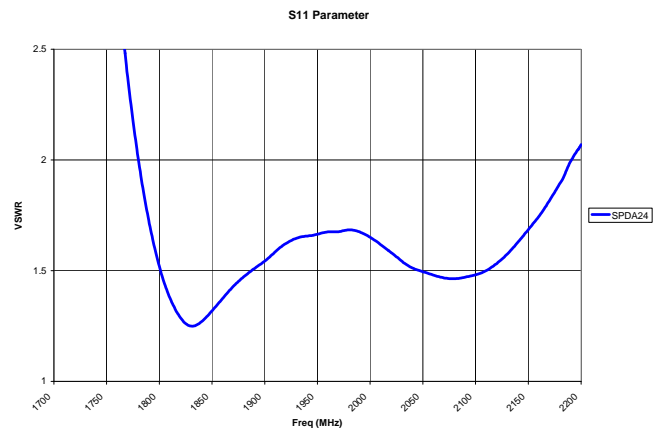
Gain (1800-2170 MHz)



VSWR



VSWR



Issue : 1004

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