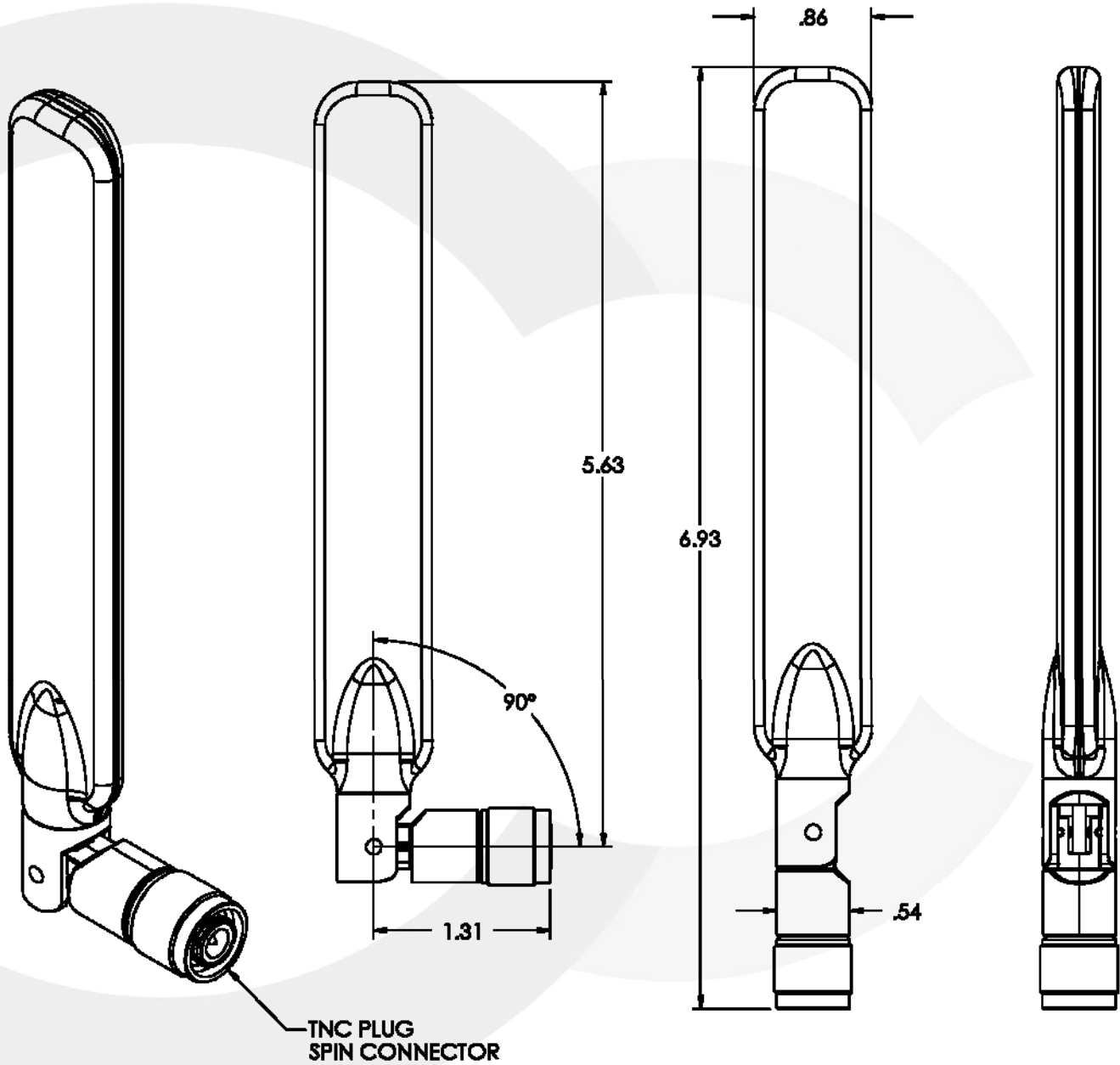


DUAL BAND DIPOLE 824-896/1850-1990MHz
TNC SPIN CONNECTOR

SPDA17850/1900

Series : ANTENNA



All dimensions are in inches

Issue : 0710

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



DUAL BAND DIPOLE 824-896/1850-1990MHz
TNC SPIN CONNECTOR
SPDA17850/1900

Series : ANTENNA

ELECTRICAL SPECIFICATIONS

Frequency :.....	806-925/1800-2170 MHz
Nominal Impedance :.....	50 Ω
VSWR :.....	2:1 Max
Gain (806,925) :.....	0 dBi ± .5 dB
Gain (825-900) :.....	1.5 dBi ± .5 dB
Gain (1800-2170) :.....	1.5 dBi ± .5 dB
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	Omni
Vertical Plane (806-900) :	90 ° ± 2 °
Vertical Plane (925) :	82 ° ± 2 °
Vertical Plane (1800) :	110 ° ± 2 °
Vertical Plane (1900) :	90 ° ± 2 °
Vertical Plane (2000) :	77 ° ± 2 °
Vertical Plane (2100) :	71 ° ± 2 °
Vertical Plane (2170) :	62 ° ± 2 °
Polarization :.....	Vertical
Power withstanding :.....	3 W
Connector type :.....	TNC

MECHANICAL SPECIFICATIONS

Plastic radome :.....	Bayblend FR 2010 (PC+ABS)
Flammability :.....	UL94 V-0
Color :.....	Black
Weight :.....	36 g
Overall length :	6.74 INCHES

ENVIRONMENTAL SPECIFICATIONS

Operating temperature :.....	-30 to +70 ° C
------------------------------	-----------------------

Issue : 0710

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



DUAL BAND DIPOLE 824-896/1850-1990MHz

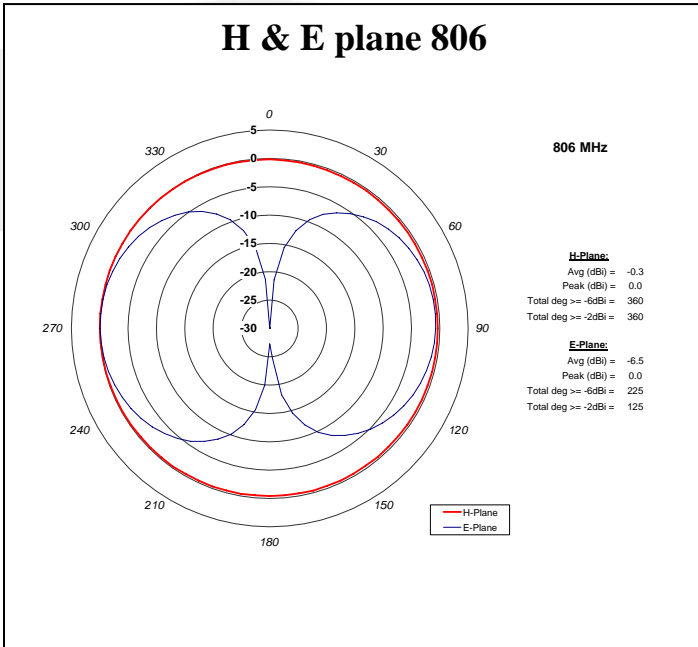
TNC SPIN CONNECTOR

SPDA17850/1900

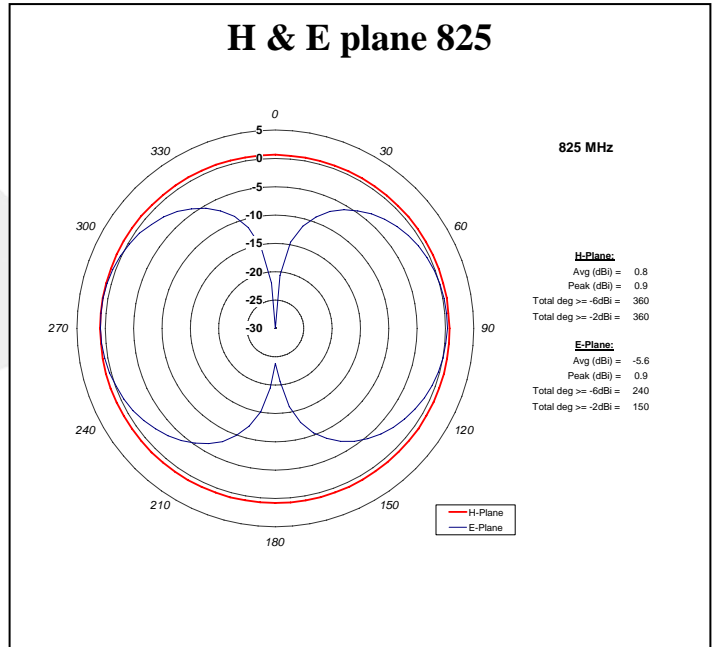
Series : ANTENNA

CURVES

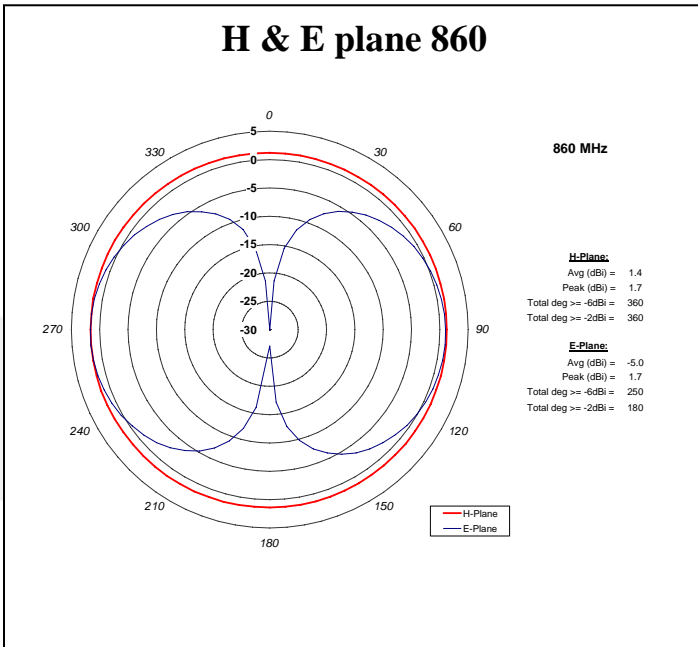
H & E plane 806



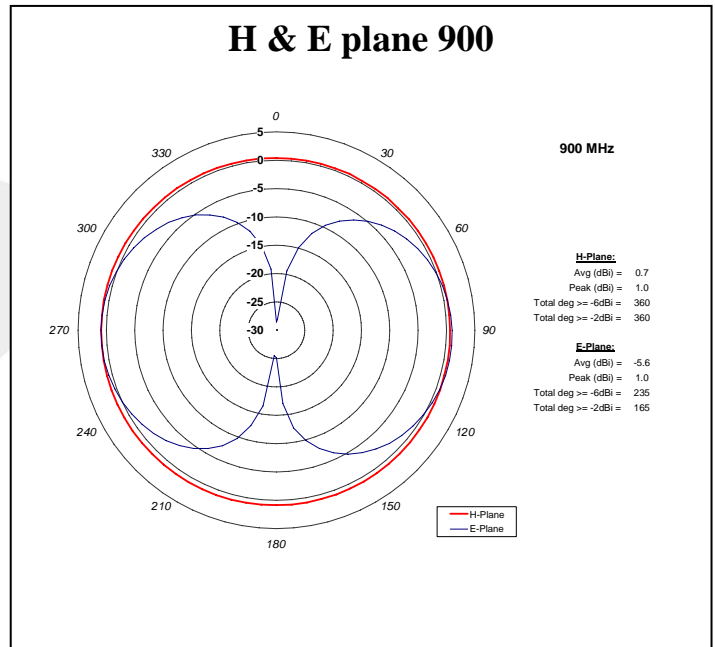
H & E plane 825



H & E plane 860



H & E plane 900



Issue : 0710

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



DUAL BAND DIPOLE 824-896/1850-1990MHz

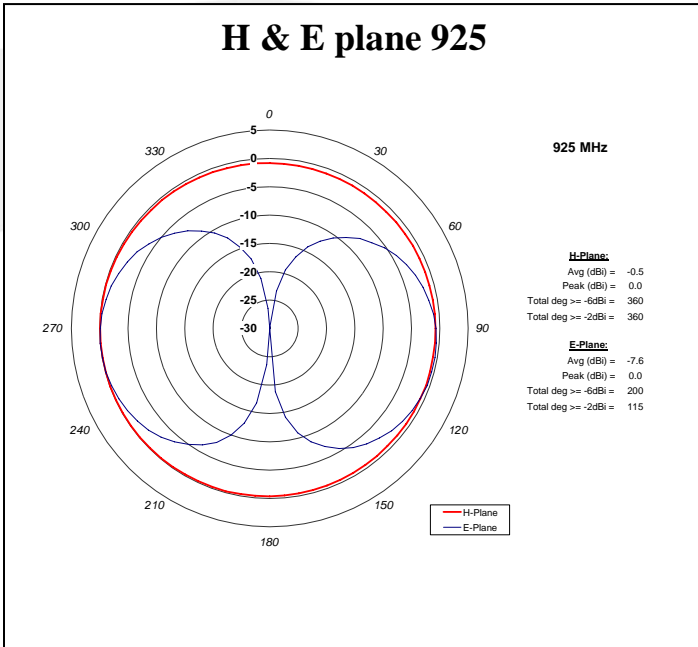
TNC SPIN CONNECTOR

SPDA17850/1900

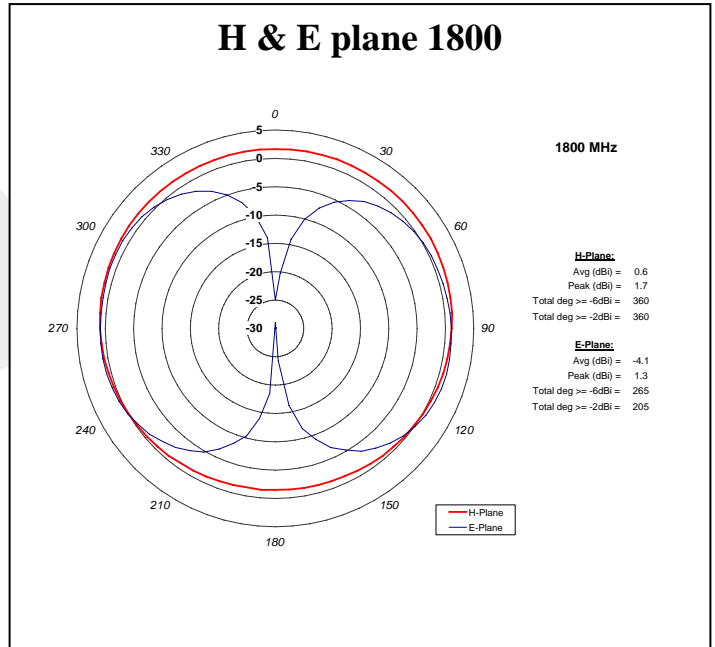
Series : ANTENNA

CURVES

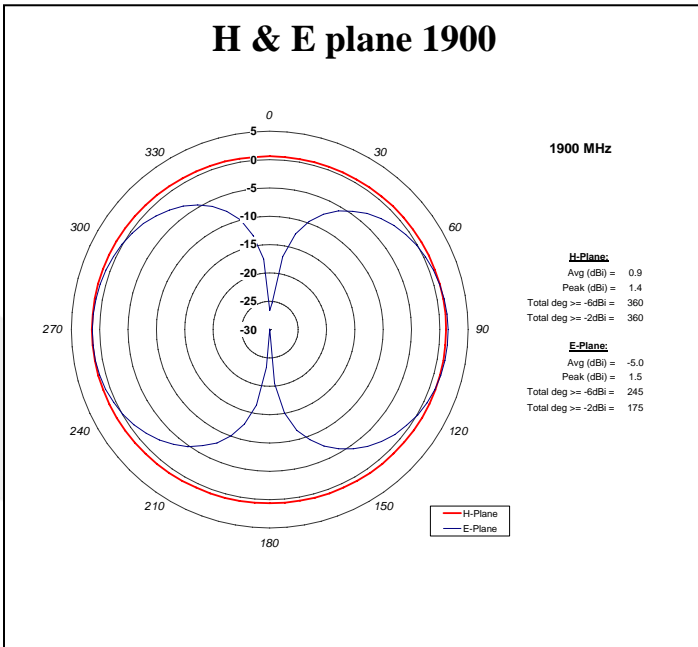
H & E plane 925



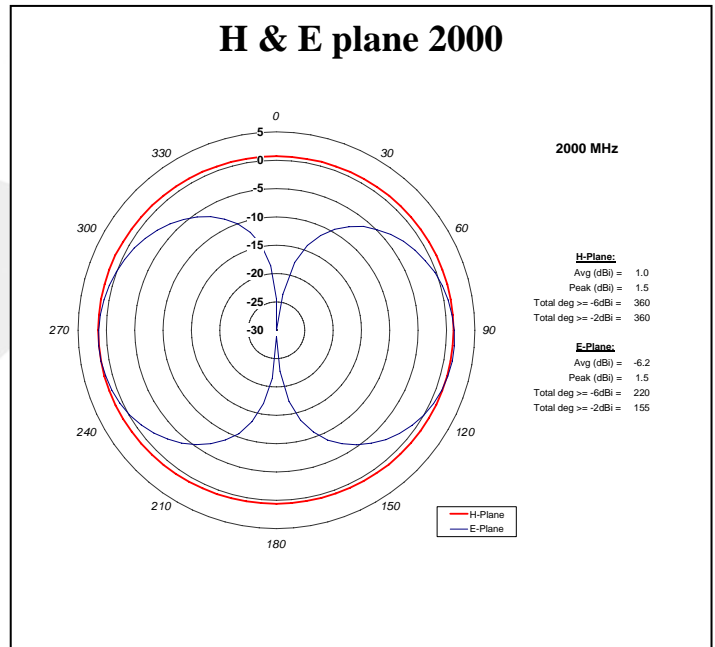
H & E plane 1800



H & E plane 1900



H & E plane 2000



Issue : 0710

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



DUAL BAND DIPOLE 824-896/1850-1990MHz

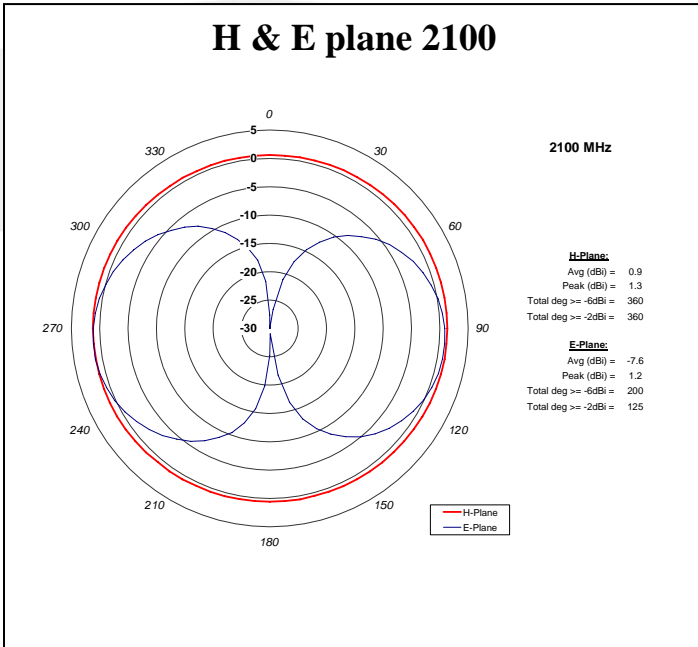
TNC SPIN CONNECTOR

SPDA17850/1900

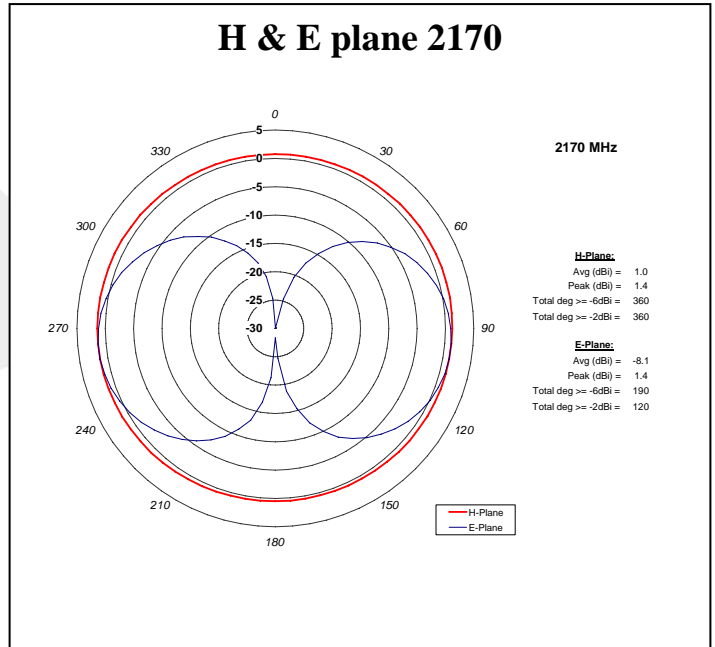
Series : ANTENNA

CURVES

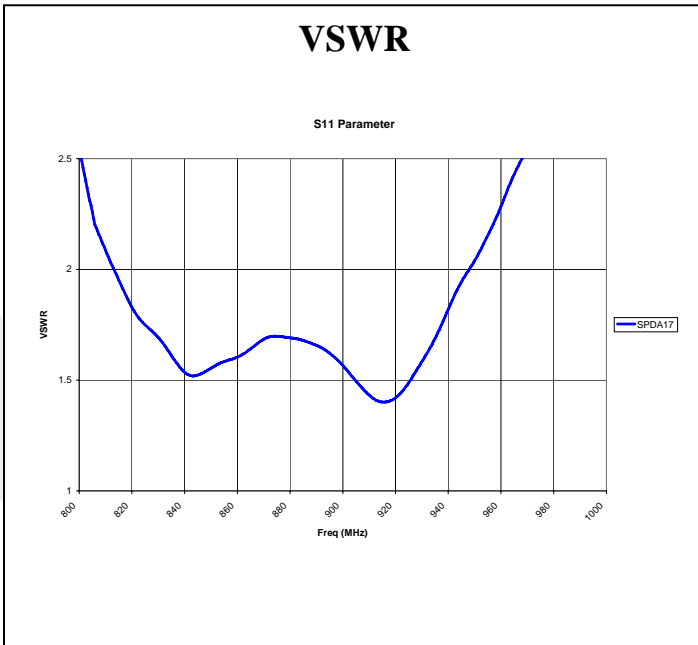
H & E plane 2100



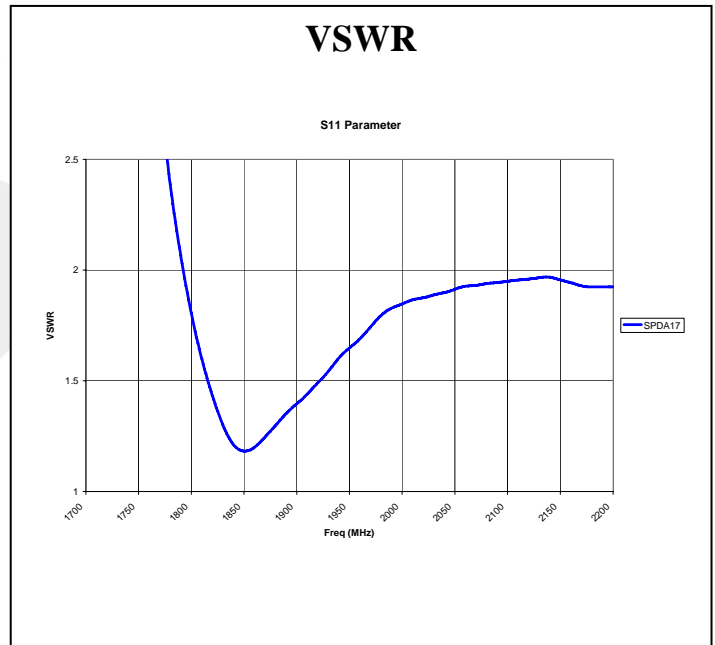
H & E plane 2170



VSWR



VSWR



Issue : 0710

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

