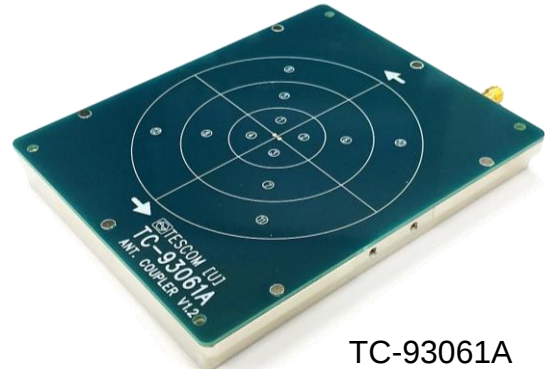


TC-93060A/93061A Antenna Coupler



TC-93060A



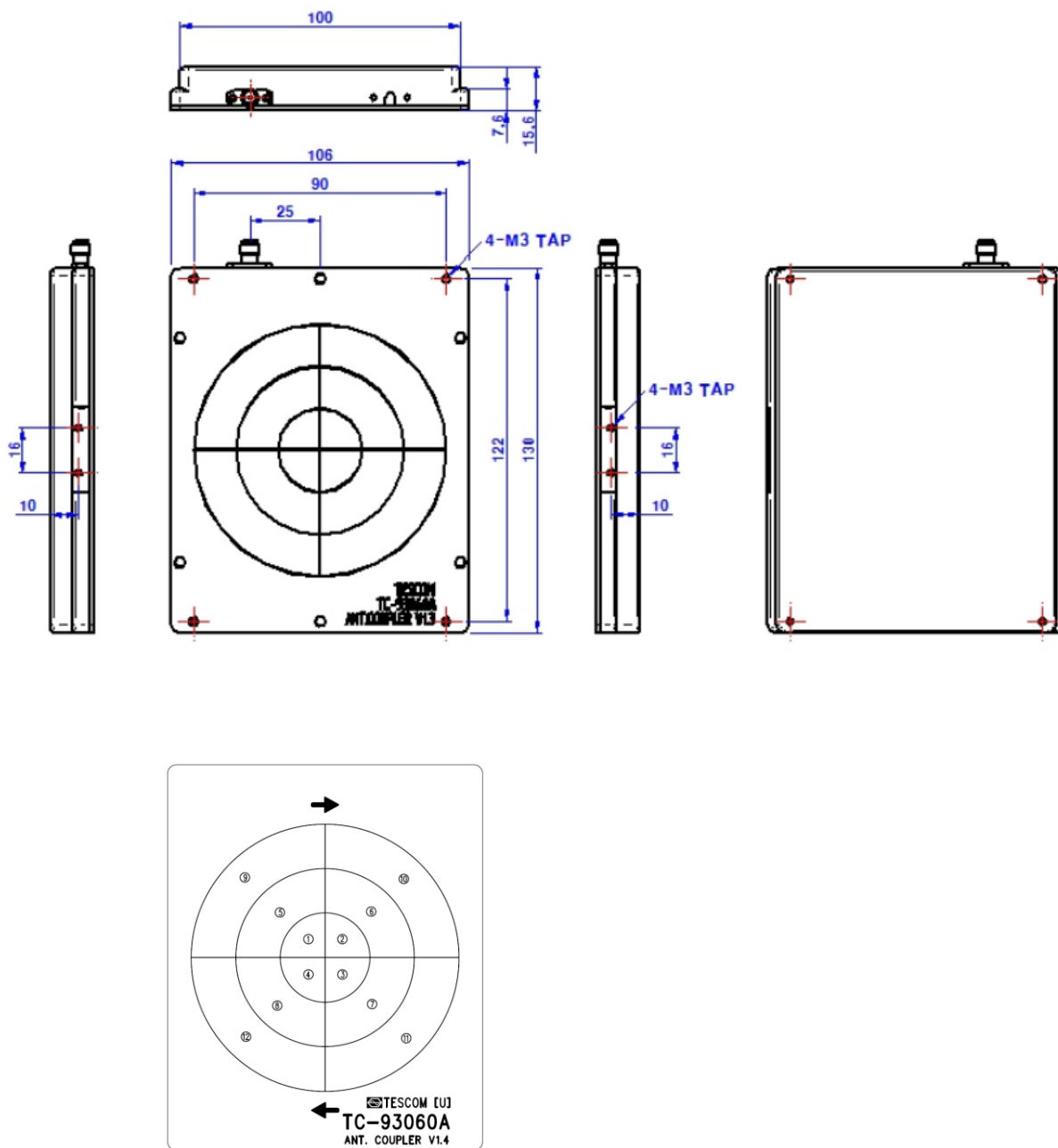
TC-93061A

Specifications

Frequency Range	800 ~ 6000 MHz
RF Connector	SMA(f)
Dimension	106(W) x 130(D) x 15.6(H) mm
Weight	300 g
Terminal	50 ohm
VSWR	better than 1 : 2.2 (Typ 1.8)
Polarization	TC-93060A(LHCP), TC-93061A(RHCP)

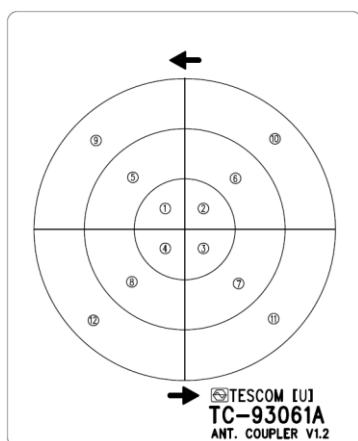
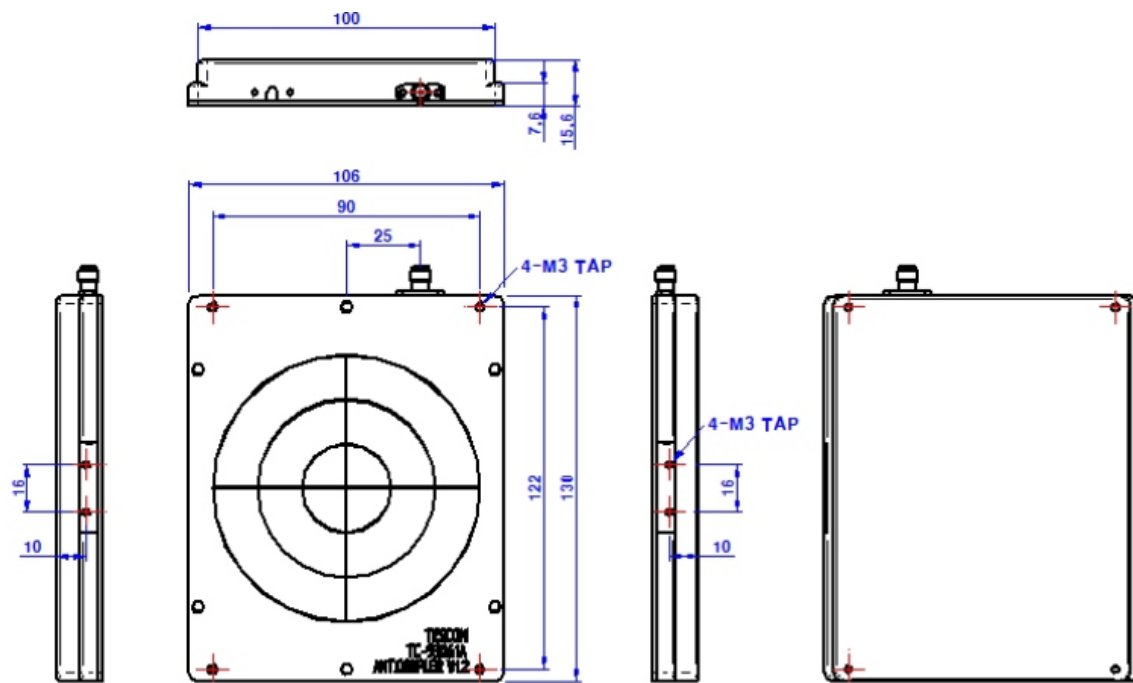
Dimensions

- TC-93060A



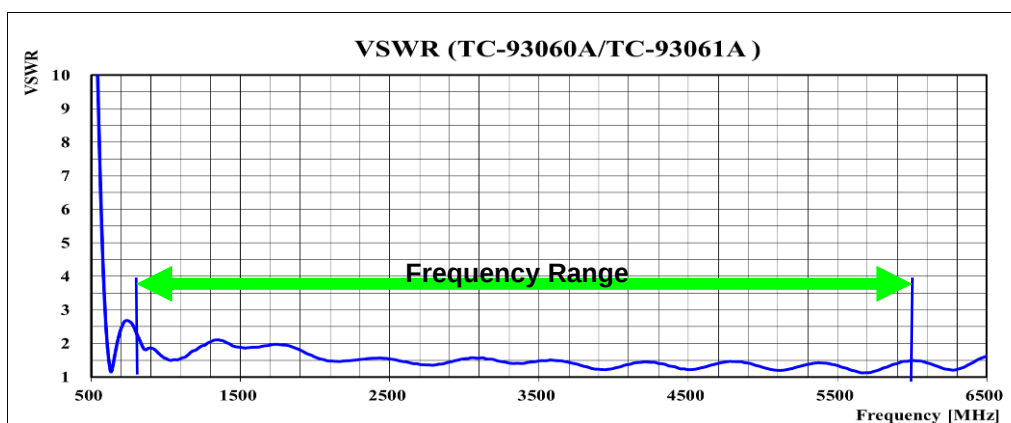
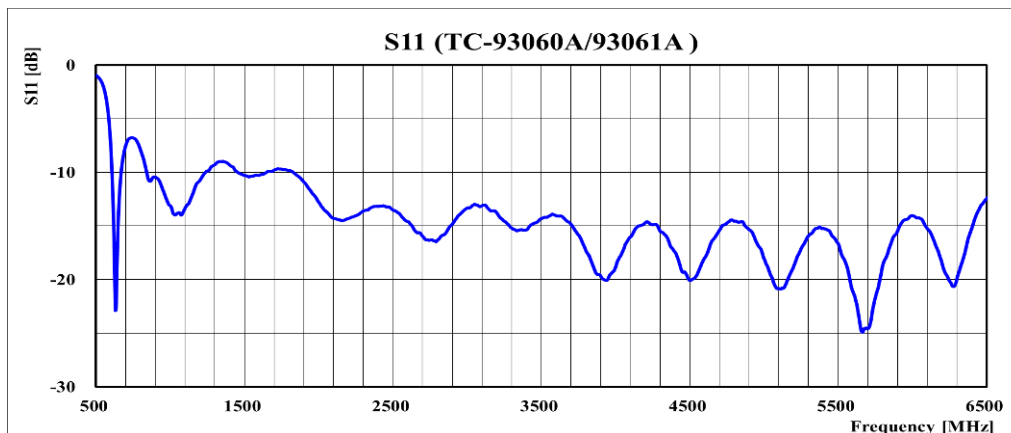
TC-93060A

- TC-93061A



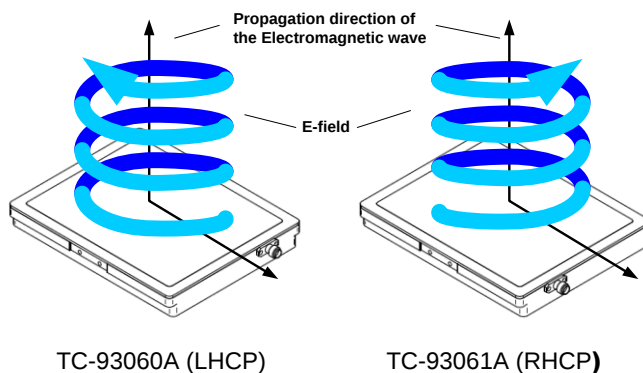
TC-93061A

Typical S11 and VSWR Data of TC-93060A/93061A (T=25°C)

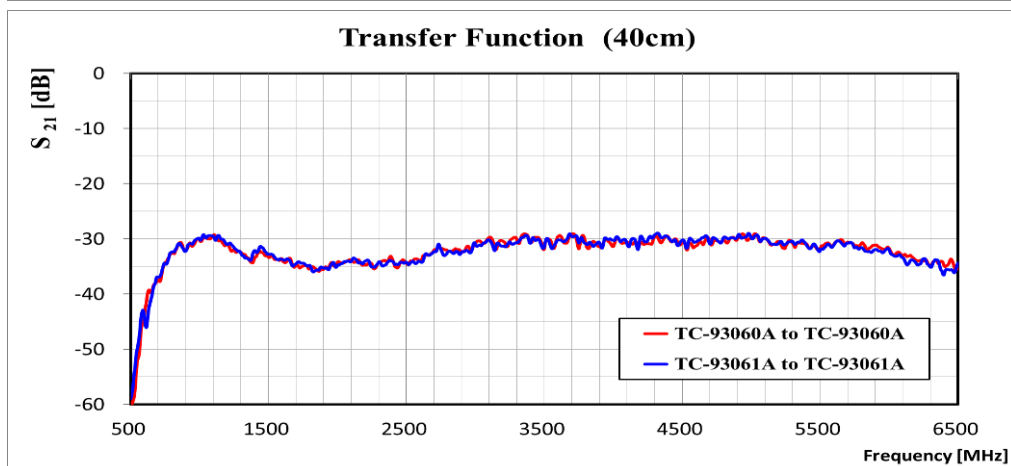
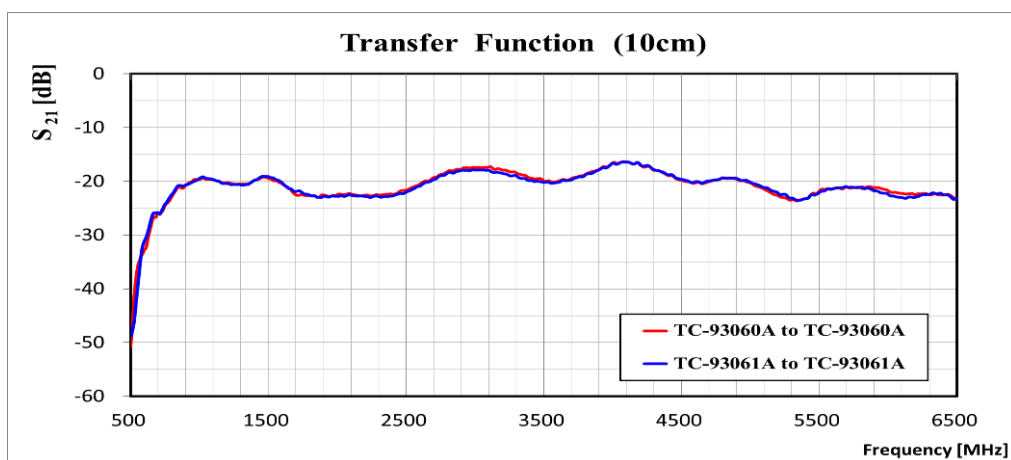
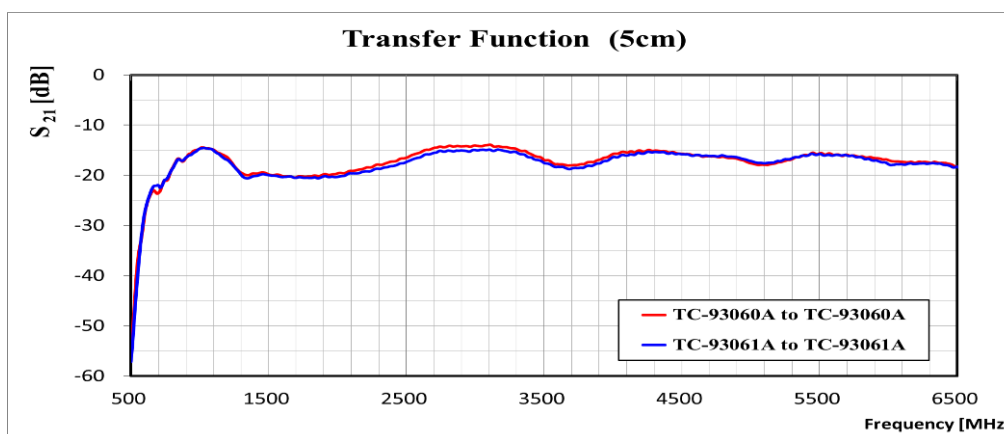
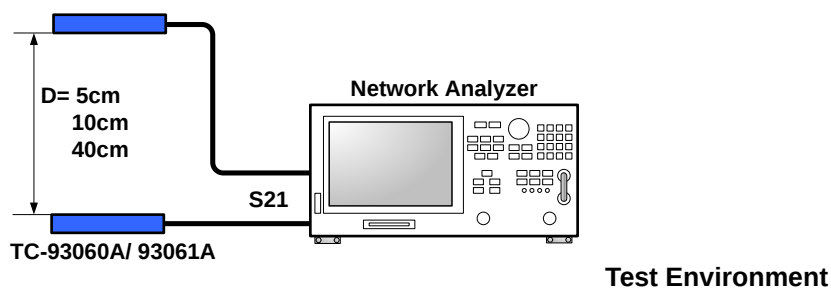


	800 MHz	1.5 GHz	1.8 GHz	2.4 GHz	5.8 GHz
S11	-9.4 dB	-10.3 dB	-9.82 dB	-13.19 dB	-14.39 dB
SWR	2.14	1.89	1.95	1.56	1.48

Polarization of TC-93060A/93061A

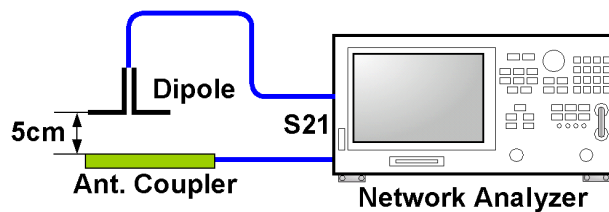


Transfer function difference between TC-93060A/93061A

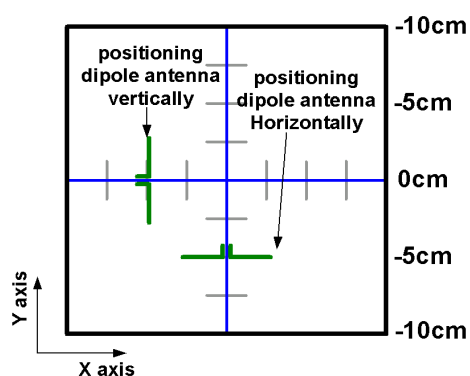


Field distribution of TC-93060A/93061A

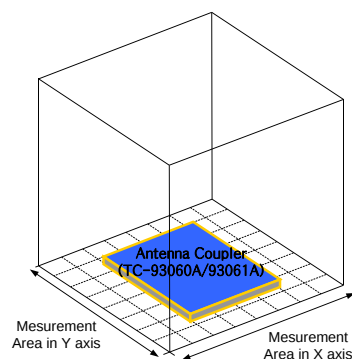
- Measured in open area through Dipole Antenna (0.9 & 1.8 & 2.4 & 5.8 GHz, Tescom)
- Distance from Antenna Coupler (TC-93060A/93061A) to Dipole Antenna: 5 cm



Environment setup for measuring Field distribution

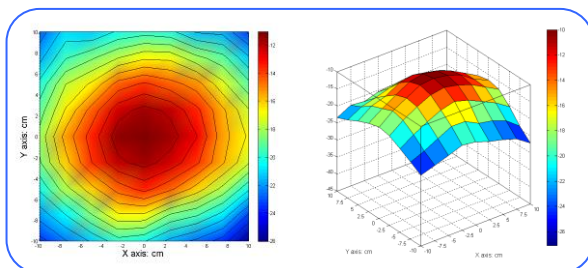


Positioning Dipole Antenna

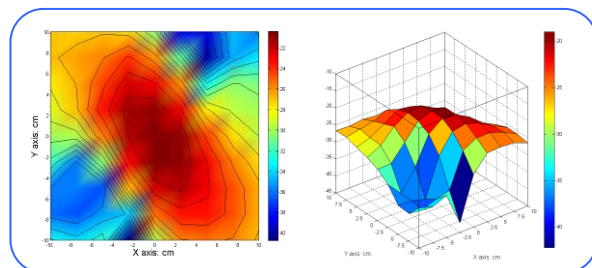


Antenna Coupler setup

- Path Loss Distribution at 900 MHz

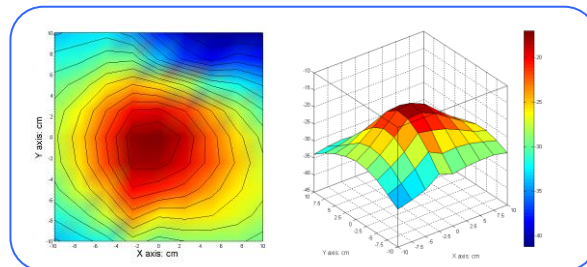
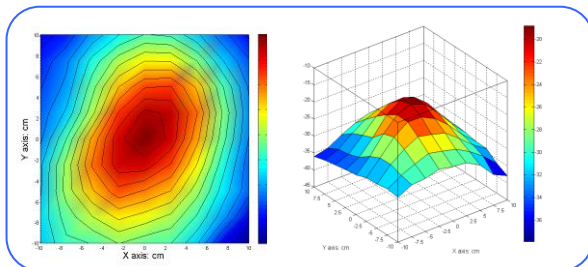


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

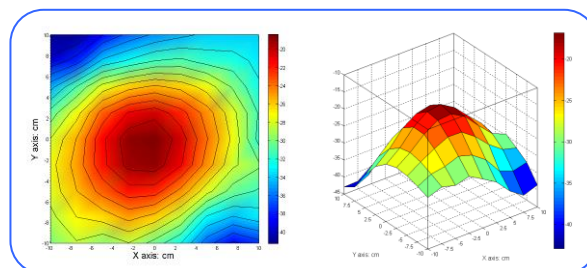
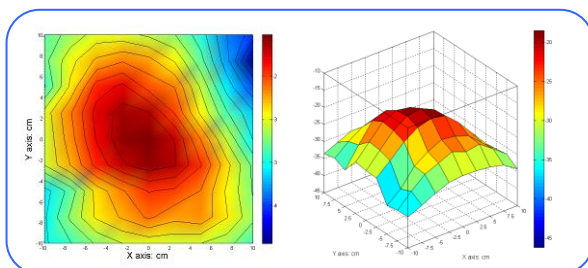


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

- Path Loss Distribution at 1800 MHz

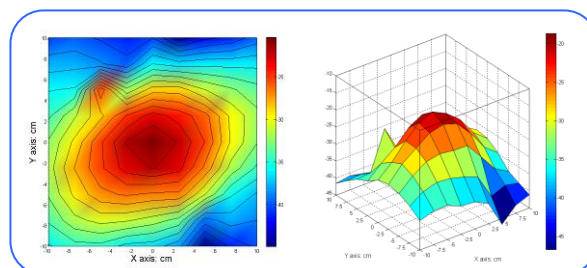
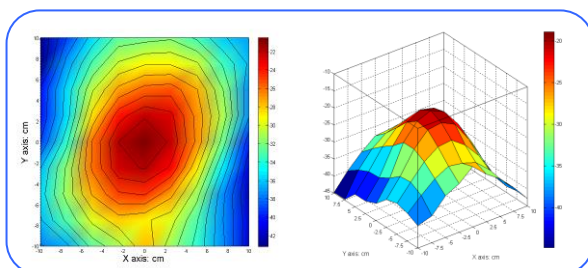


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

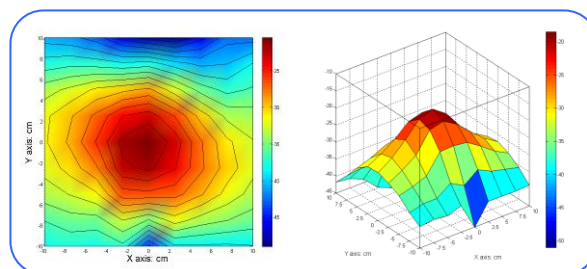
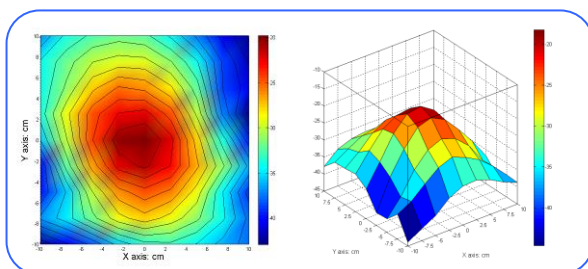


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

- Path Loss Distribution at 2400 MHz

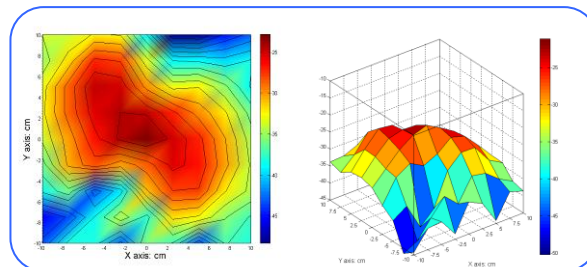
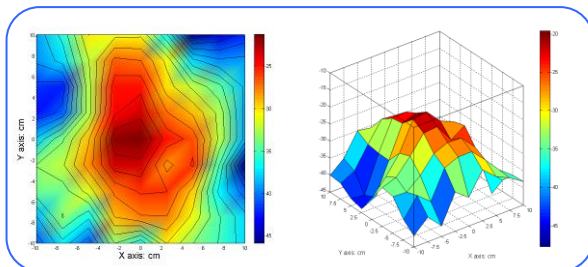


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

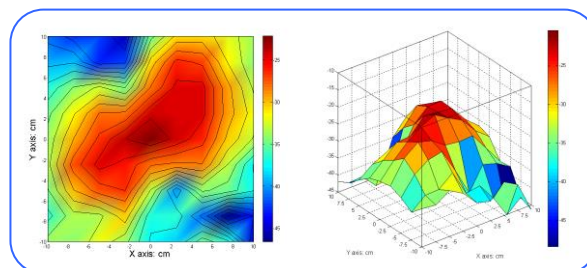
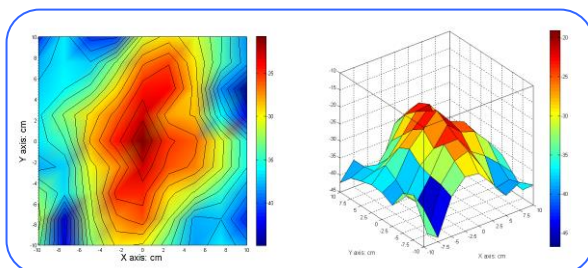


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

- Path Loss Distribution at 5800 MHz



TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)



TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

Ordering Information

Order Number	Description
TC-93060A	Antenna Coupler
TC-93061A	RF cables are sold Separately

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE