



TC-93060A/93061A Type Antenna Coupler



TC-93060A

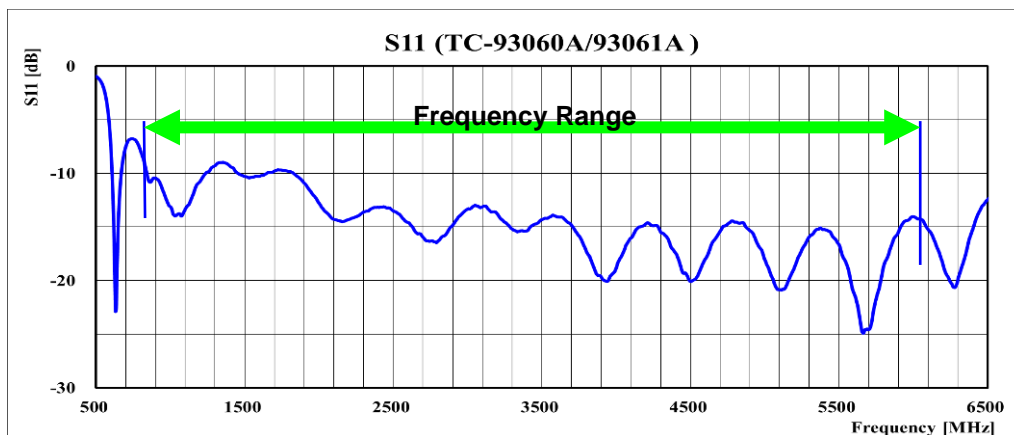


TC-93061A

Specification

Frequency Range	800 ~ 6000 MHz
RF Connector	SMA(M)
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)

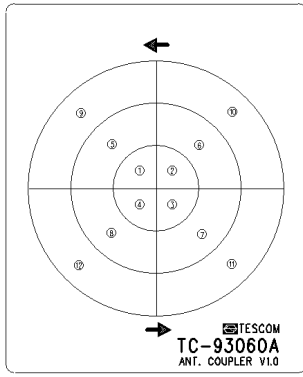
Typical S11 and VSWR Data of TC-93060A/93061A (T=25°C)



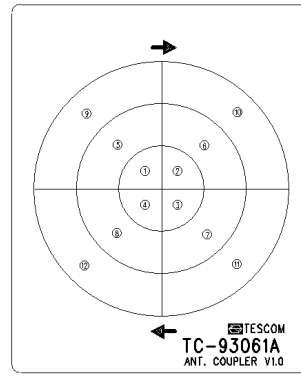
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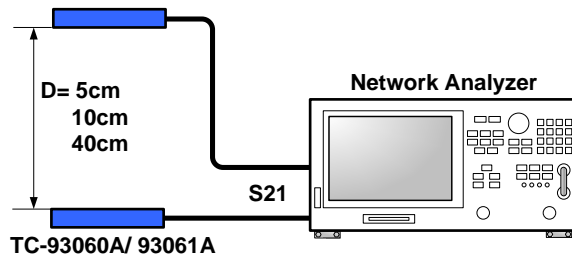
TC-93060A



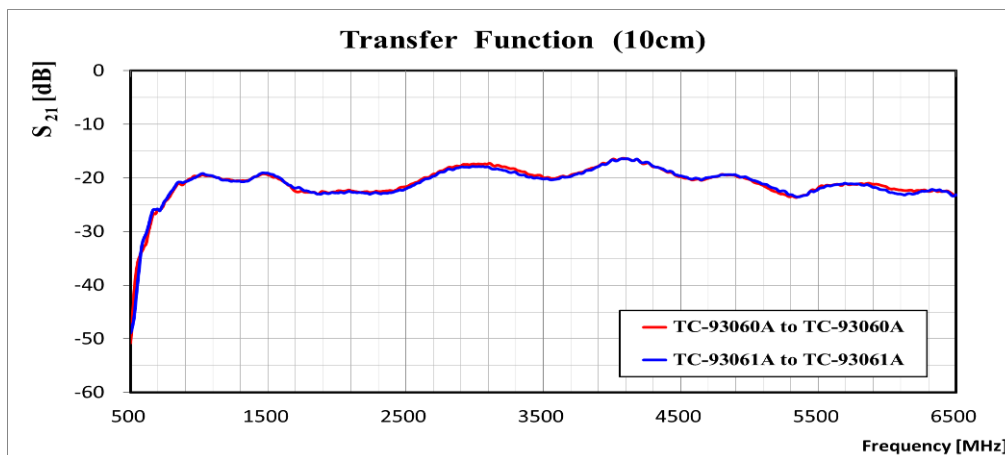
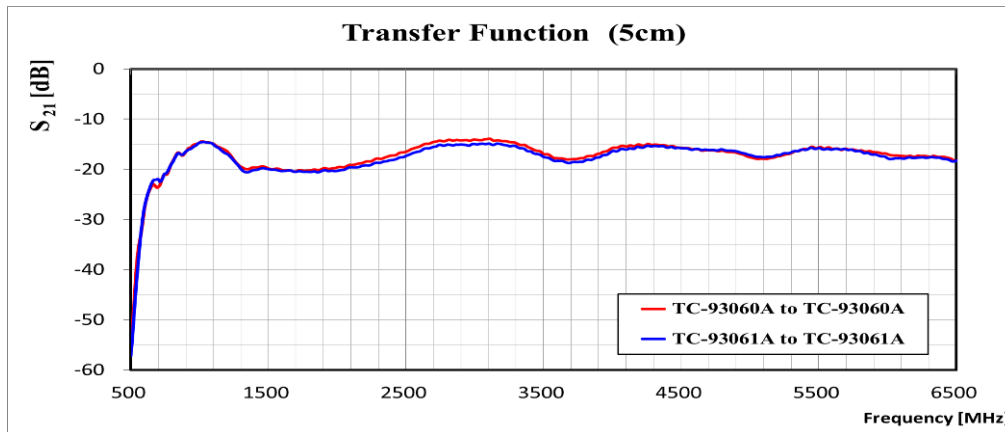
TC-93061A



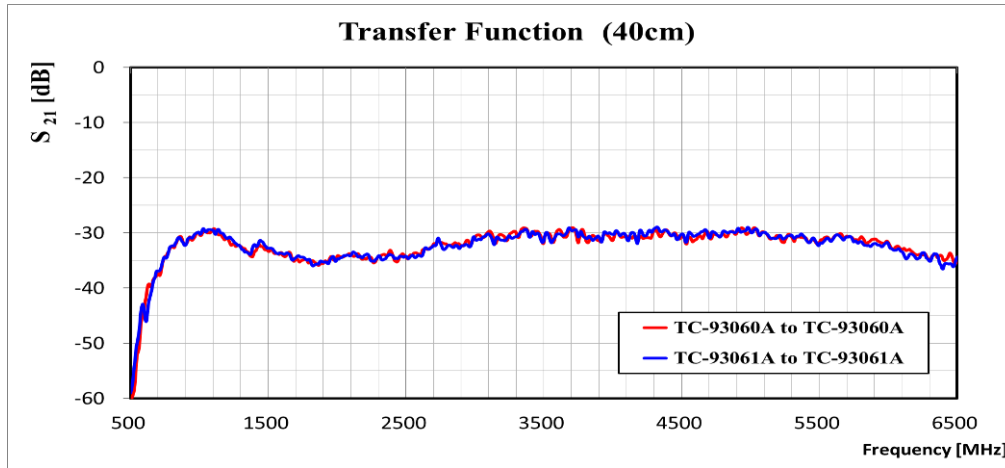
Transfer function difference between TC-93060A/93061A



Test Environment

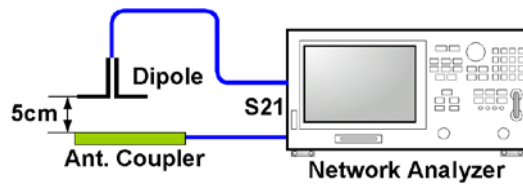


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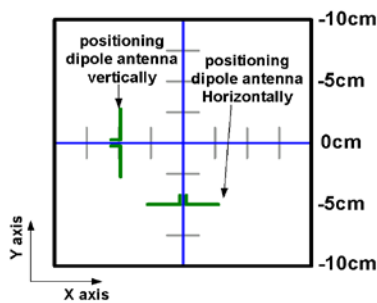


Field distribution of TC-93060A/93061A

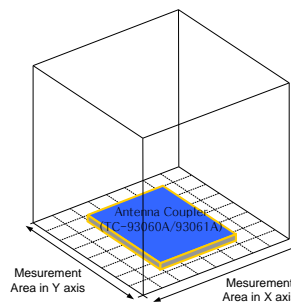
- Measured in open area through Dipole Antenna (0.9 & 1.8 & 2.4 & 5.8 GHz, Tescom)
- Distance from Antenna Coupler (TC-93060A/93061A) to Dipole Antenna: 5 cm



Environment setup for measuring Field distribution

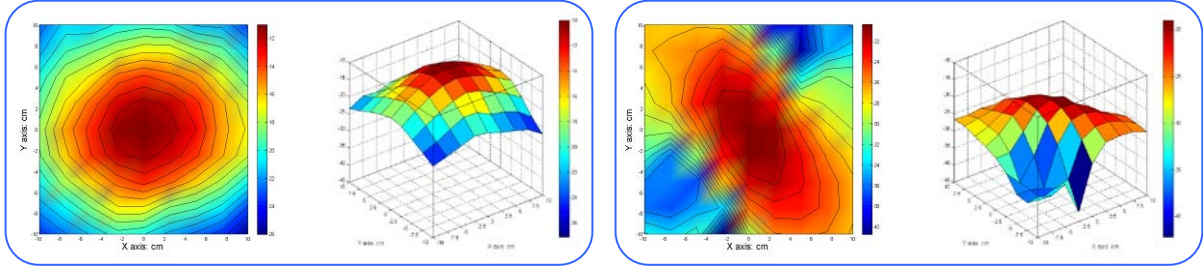


Positioning Dipole Antenna

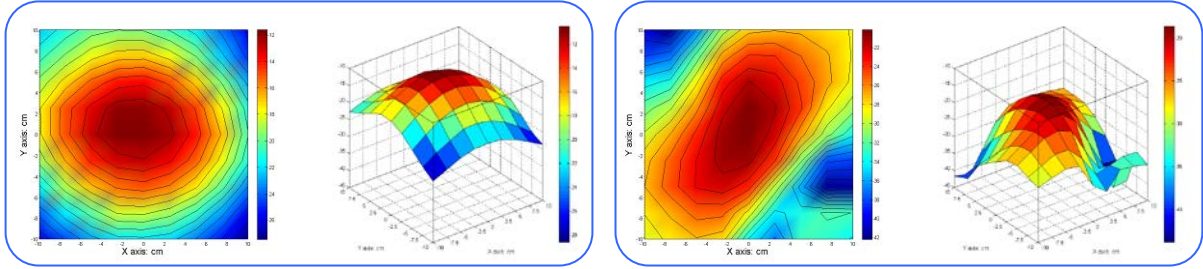


Antenna Coupler setup

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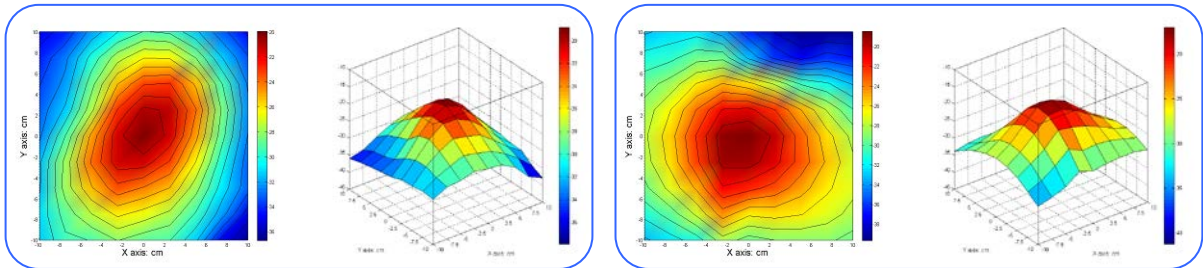


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

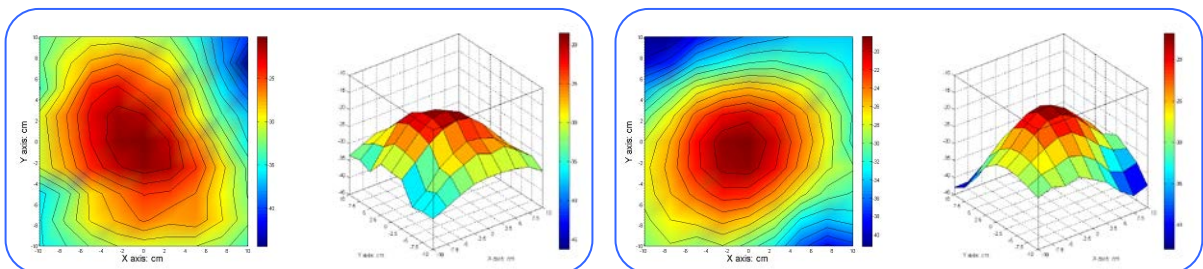


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

- Path Loss Distribution at 1800 MHz

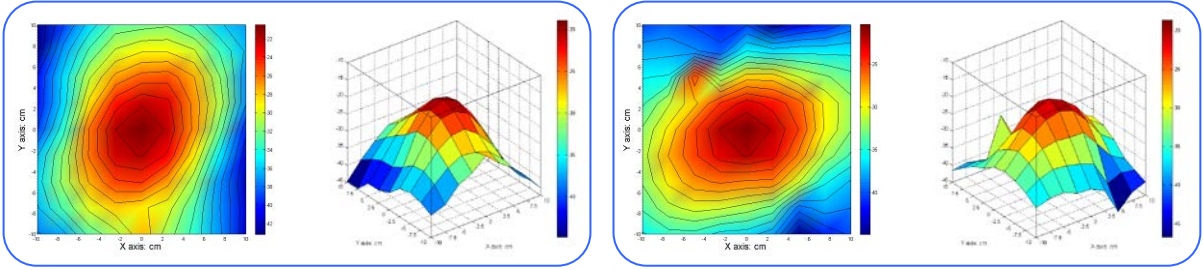


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

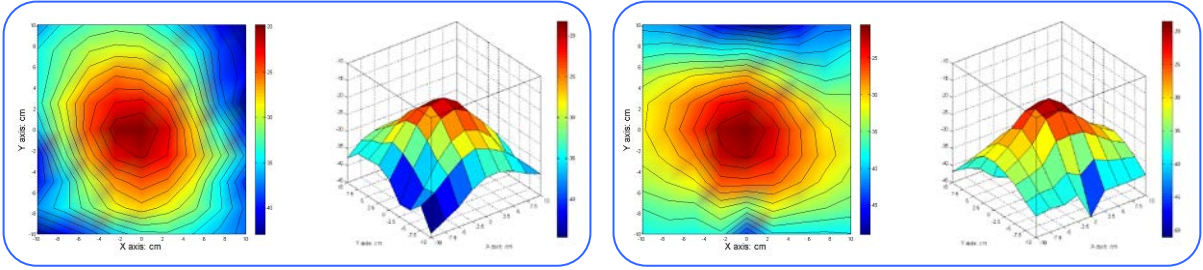


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

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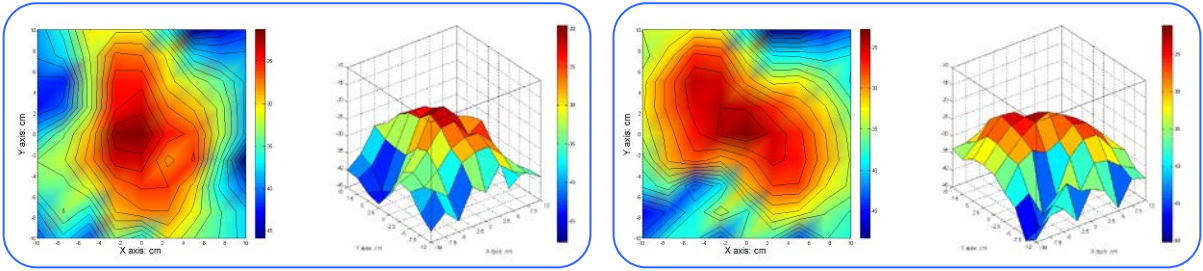


TC-93060A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

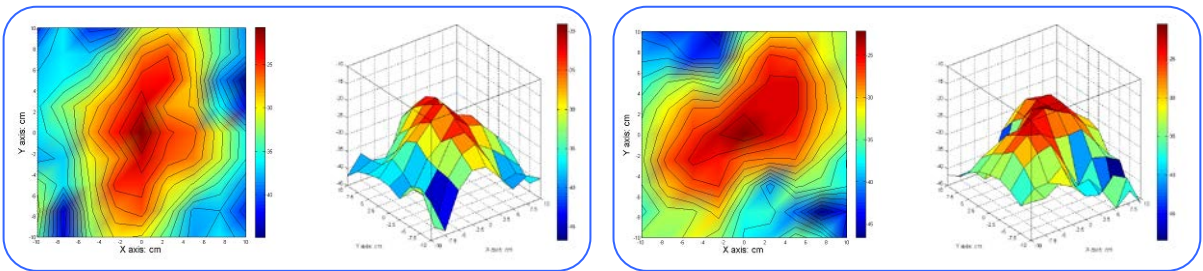


TC-93061A (Left: Dipole Antenna Horizontally: Dipole Antenna Vertically)

- Path Loss Distribution at 5800 MHz



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



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

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