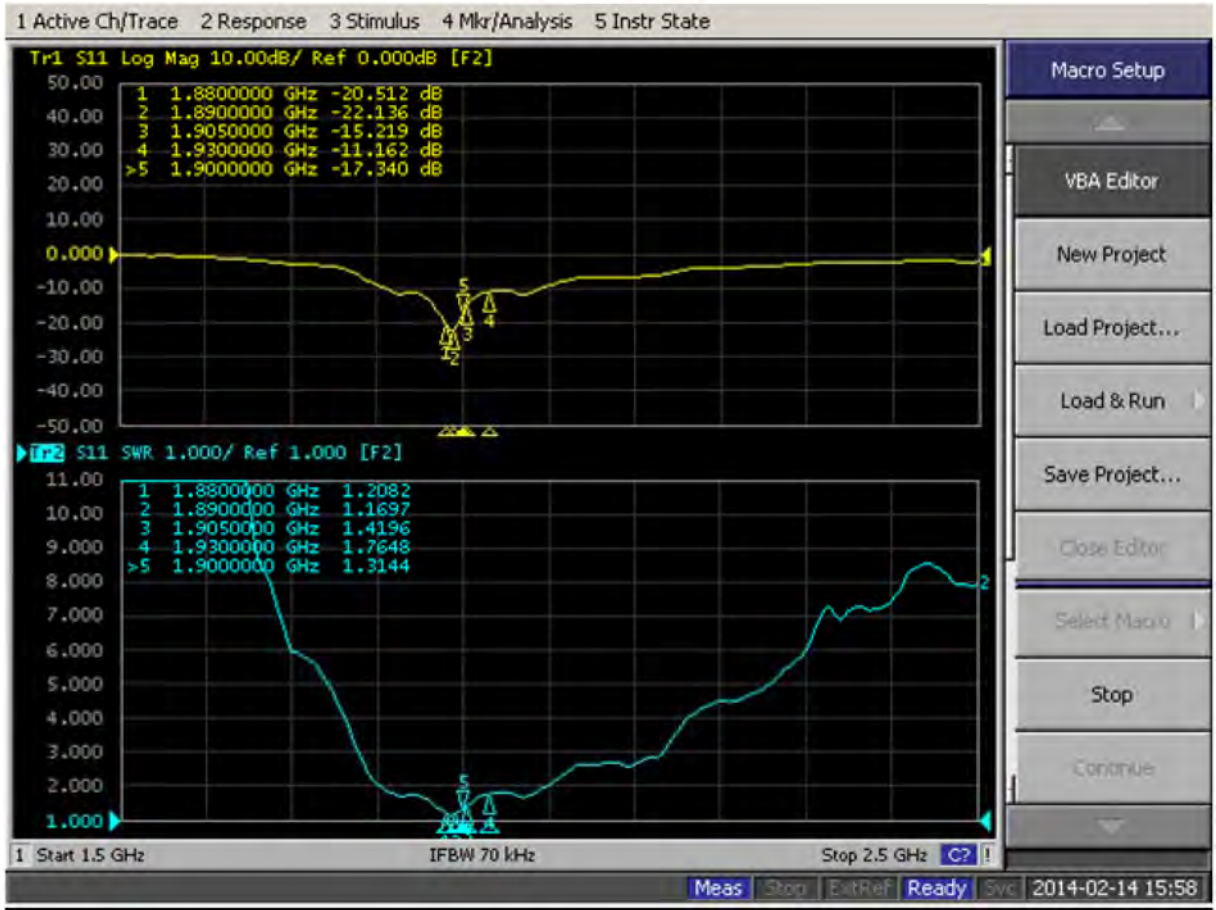




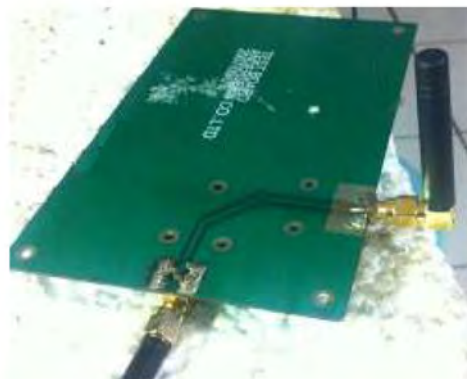
Impedance	50 ohms
Frequency	DECT 1880~1930 MHz
Electric Wave	1/2 wave, Monopole Antenna
Polarization	Horizontal
Gain	0dBi
VSWR	1.8 Max
Connector	SMA Male Right Angle 90°
Housing	53mm x 7.4mm
Operating temperature	-40°C to + 85°C

TELEMATIC ANTENNAS

TESTING VSWR & Return Loss



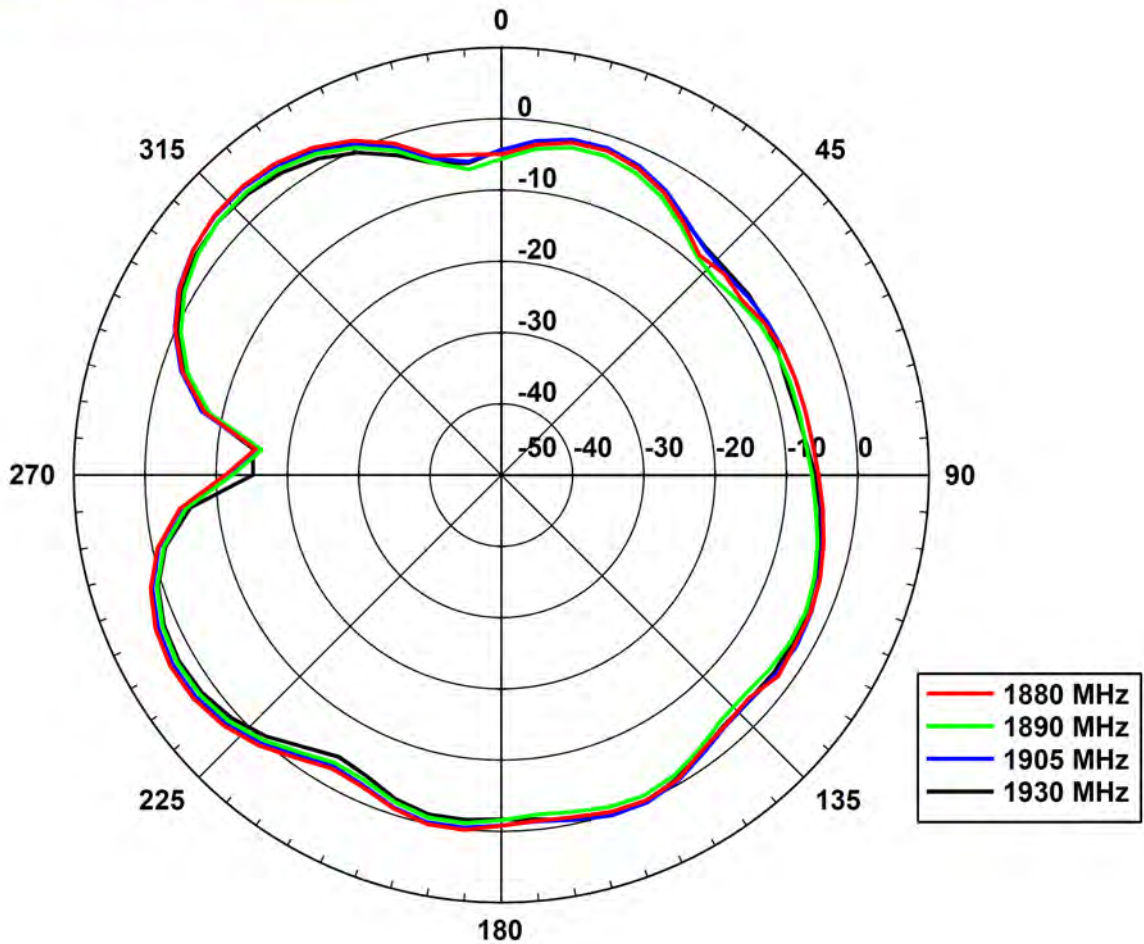
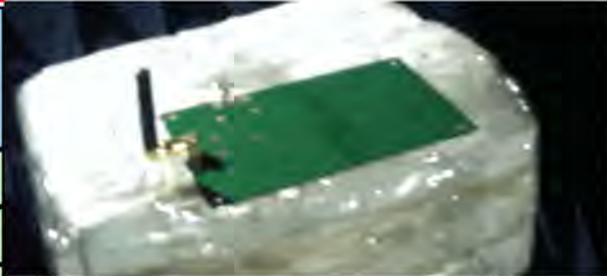
Test by ground plane size 90mm x 150mm



TELEMATIC ANTENNAS

Radiation Pattern – E Plane

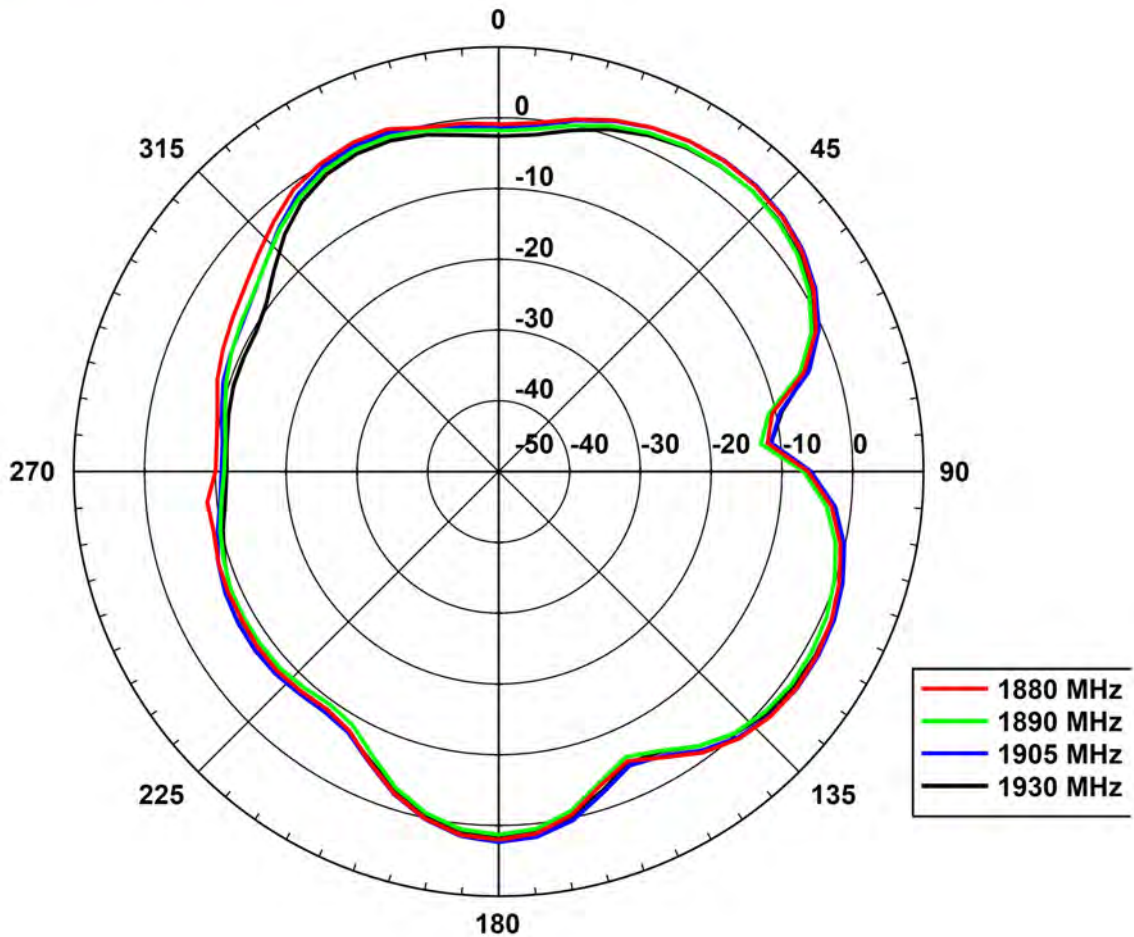
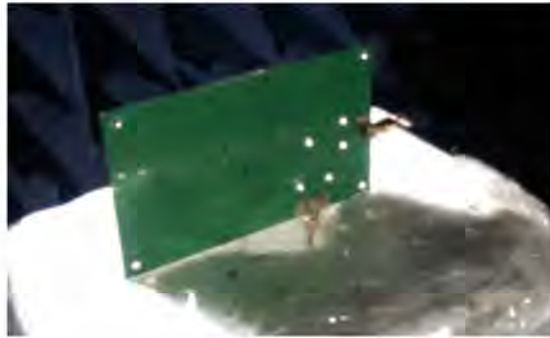
Total power	Max (dBi)	Min (dBi)	Average (dBi)
1880	4.41	-15.31	-0.80
1890	3.47	-16.23	-1.72
1905	4.20	-15.46	-0.91
1930	3.31	-15.16	-1.68



TELEMATIC ANTENNAS

Radiation Pattern – H Plane

Total power	Max (dBi)	Min (dBi)	Average (dBi)
1880	4.21	-11.83	-0.76
1890	3.40	-12.78	-1.62
1905	4.37	-11.32	-0.73
1930	3.43	-11.56	-1.52



TEST ENVIRONMENT

DEVICE: HP 8753ET 300KHZ~6GHZ

TESTING CABLE: low loss coaxial cable CFD200 x 500mm, SMA male to SMA male

Grand Plane Size: 90x150mm

