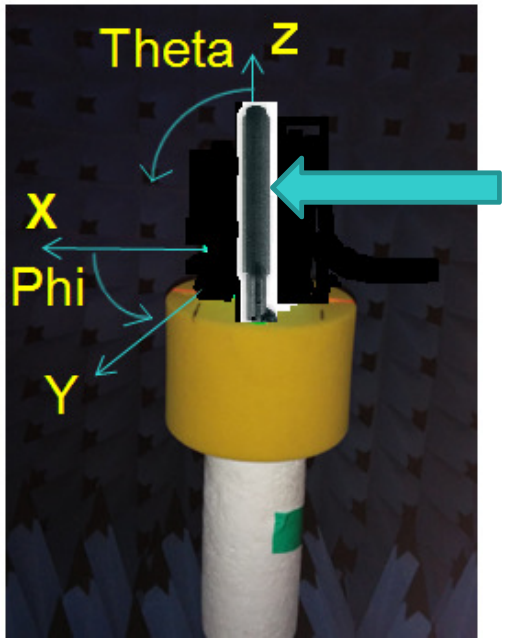
Pulse External WiFi antenna (CW1043) Radiation pattern and Gain

08/03/2015

Chamber test setup



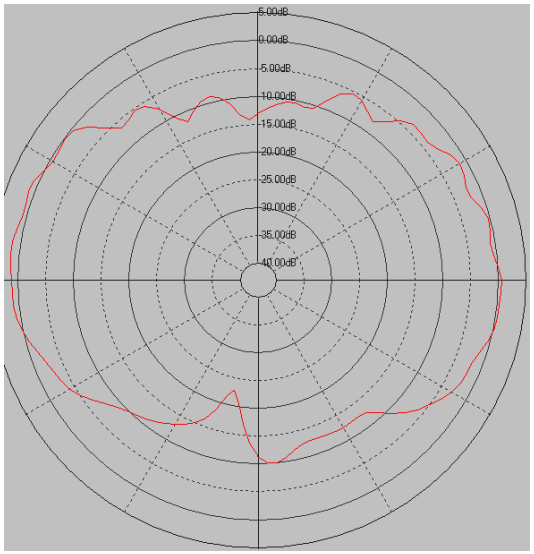
Pulse antenna

Pulse external dual-band WiFi antenna (CW1043) Gain and Half-power Beamwidth (HPBW)

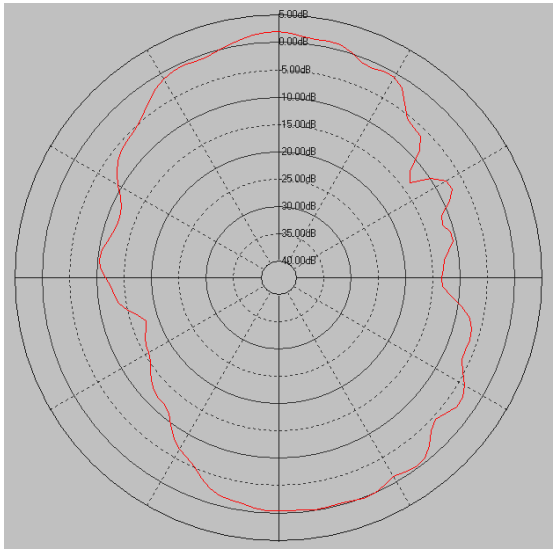
Frequency [GHz]	2.4	2.44	2.48	5.2	5.3	5.5	5.6	5.8
Gain [dBi]	2.41	2.81	2.86	5.49	5.57	4.81	4.84	1.99
Position [Deg] (Phi, Theta)	15, 84	15, 84	15, 84	114, 9	114, 9	111, 9	111, 9	114, 9
HPBW [Deg]	60	60	60	60	60	60	30	30

Radiation Pattern : 2.4 GHz Band ; F = 2400 MHz

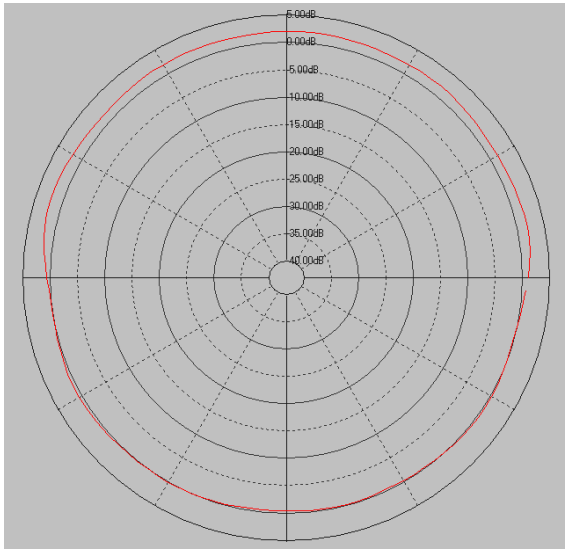
Phi = 0 deg



Phi = 90 deg

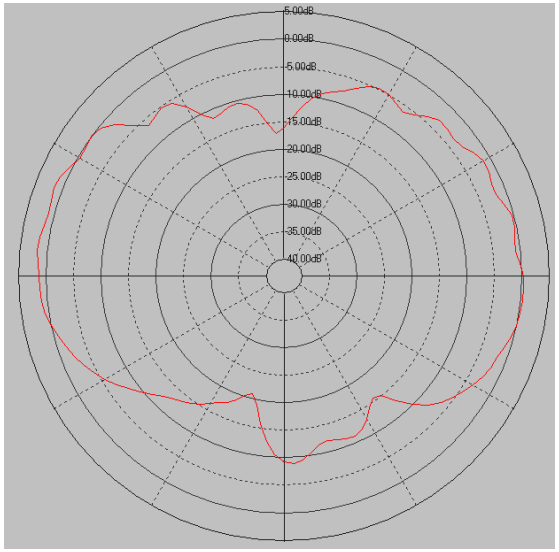


Theta = 90 deg

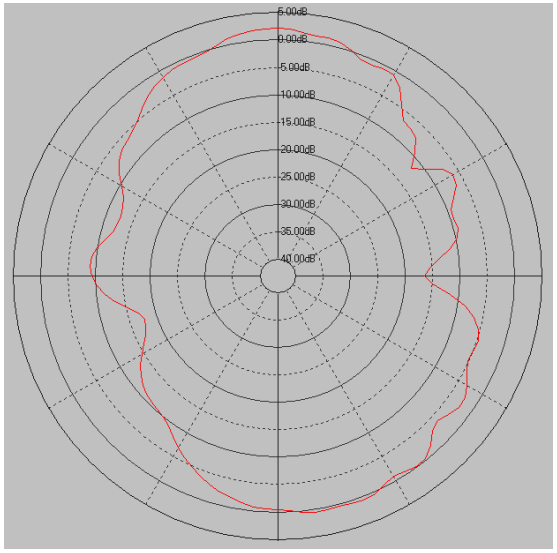


Radiation Pattern : 2.4 GHz Band ; F = 2440 MHz

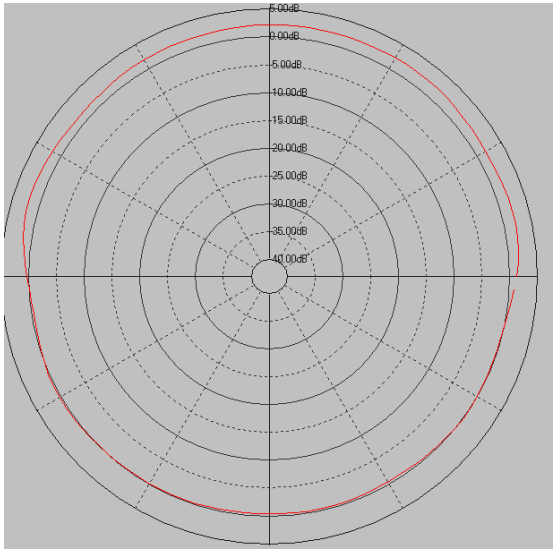
Phi = 0 deg



Phi = 90 deg

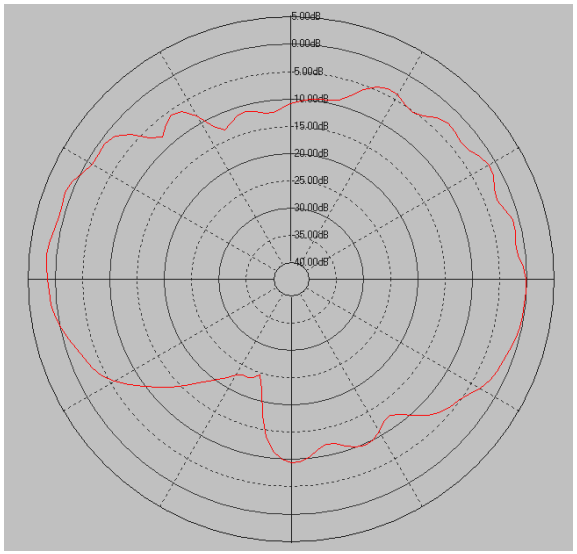


Theta = 90 deg

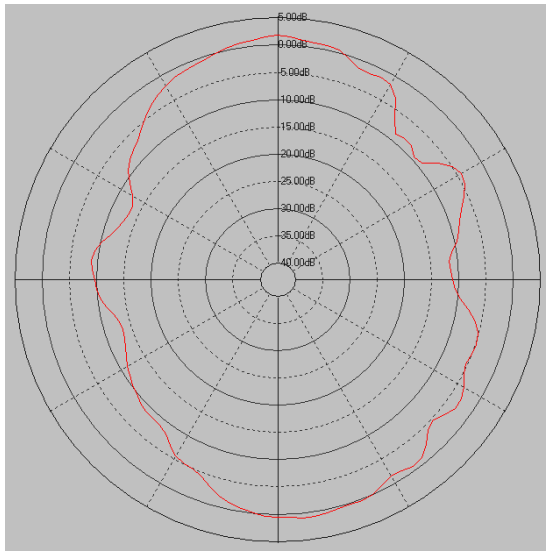


Radiation Pattern : 2.4 GHz Band ; F = 2480 MHz

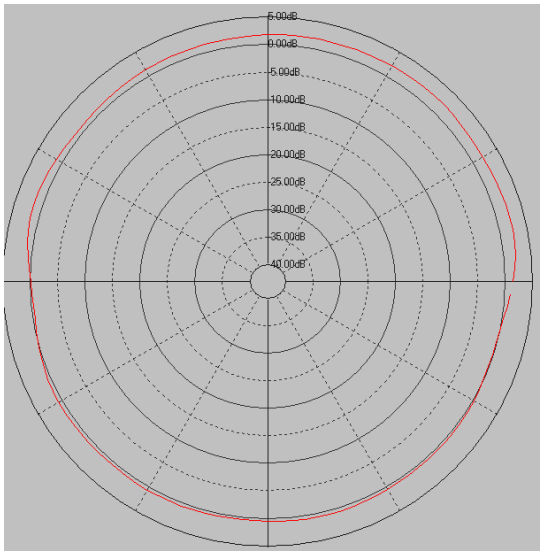
Phi = 0 deg



Phi = 90 deg

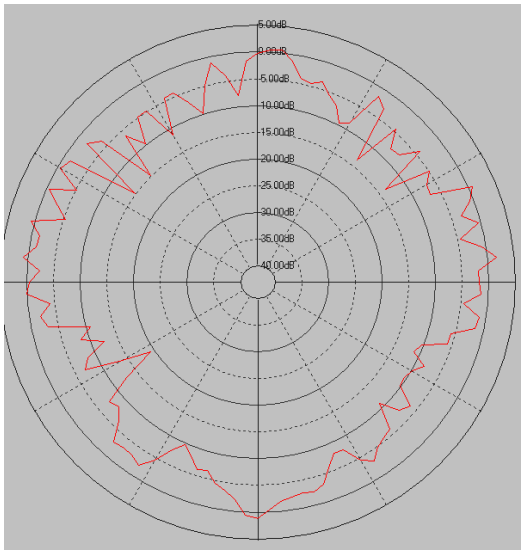


Theta = 90 deg

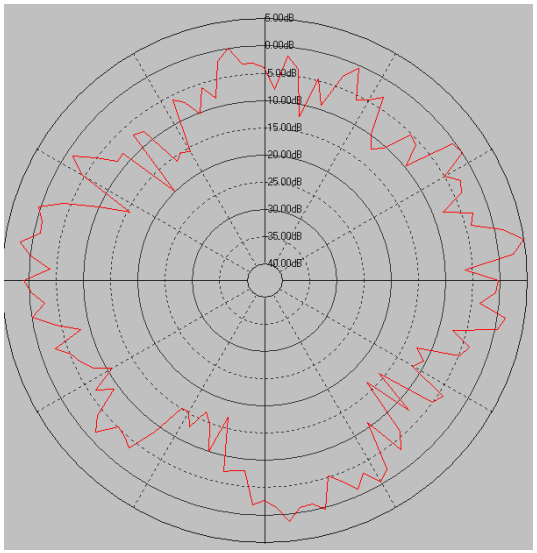


Radiation Pattern : 5 GHz Band ; F = 5200 MHz

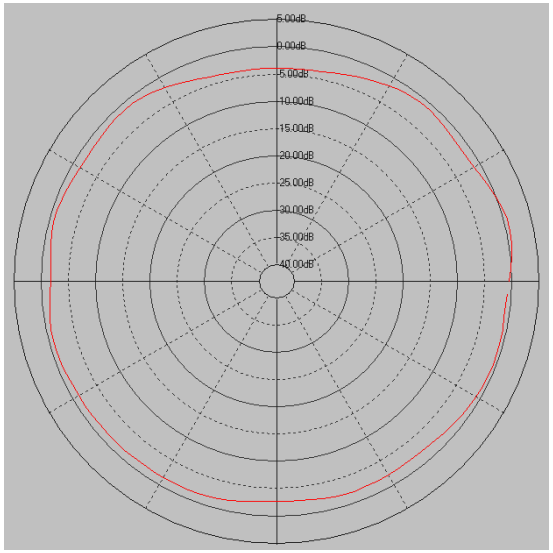
Phi = 0 deg



Phi = 90 deg

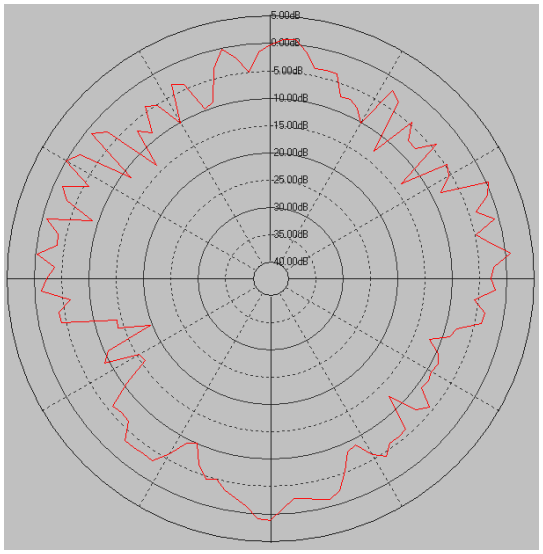


Theta = 90 deg

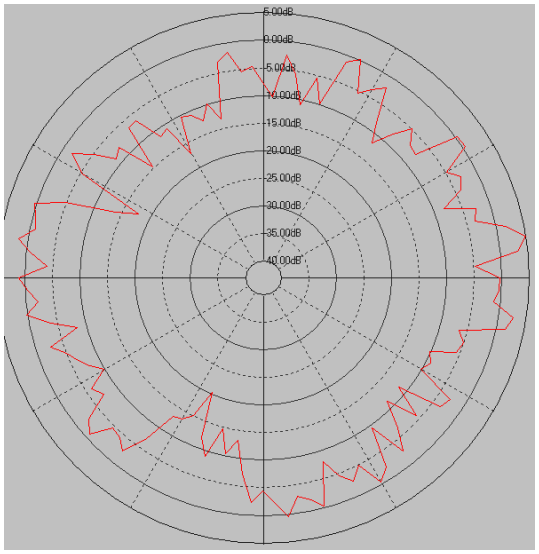


Radiation Pattern : 5 GHz Band ; F = 5300 MHz

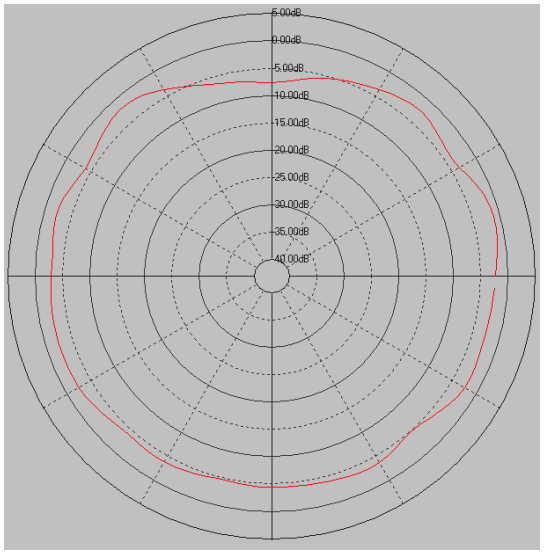
Phi = 0 deg



Phi = 90 deg

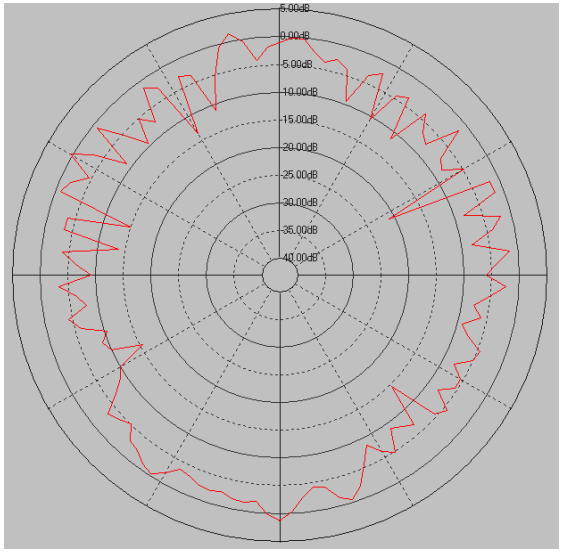


Theta = 90 deg

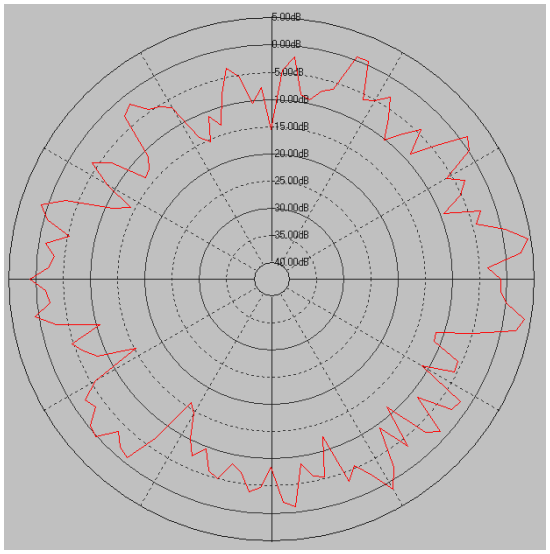


Radiation Pattern : 5 GHz Band ; F = 5500 MHz

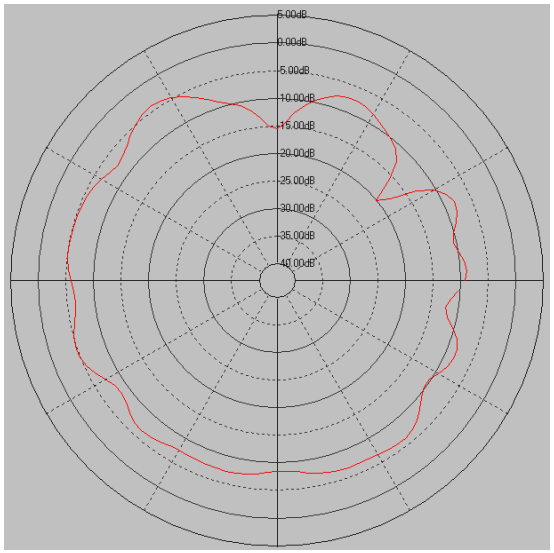
Phi = 0 deg



Phi = 90 deg

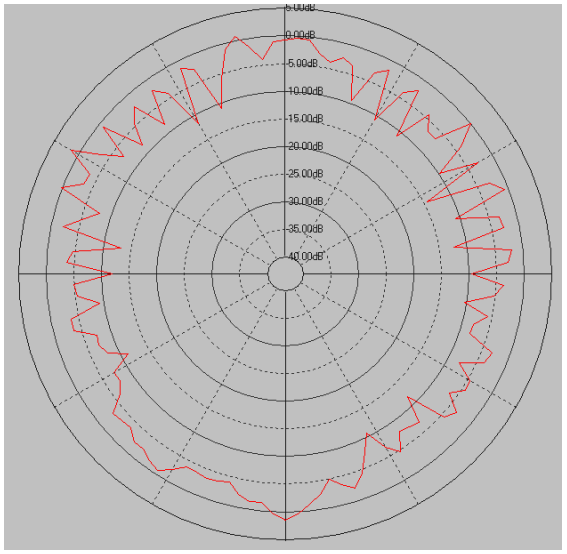


Theta = 90 deg

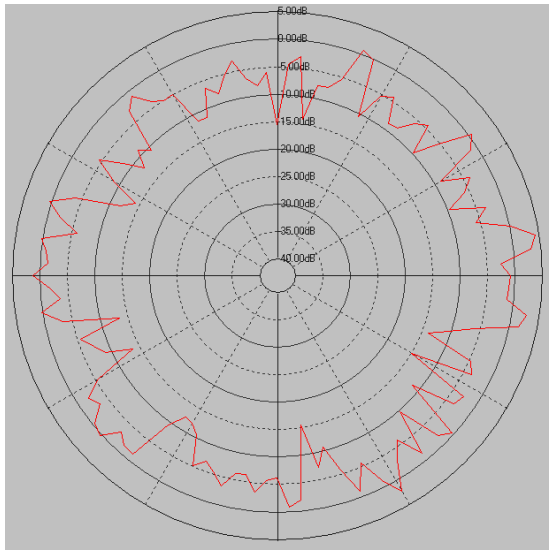


Radiation Pattern : 5 GHz Band ; F = 5600 MHz

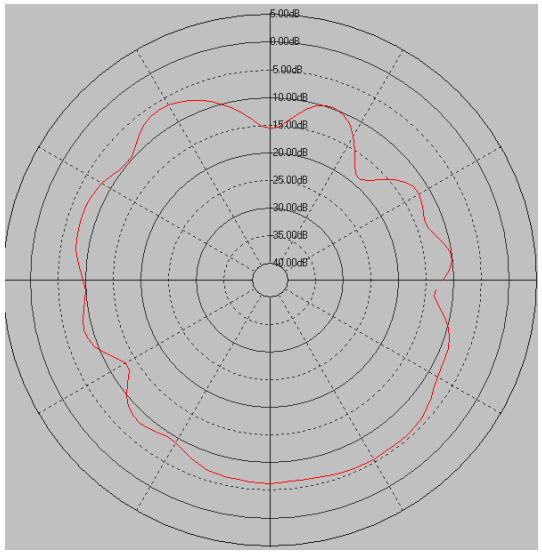
Phi = 0 deg



Phi = 90 deg

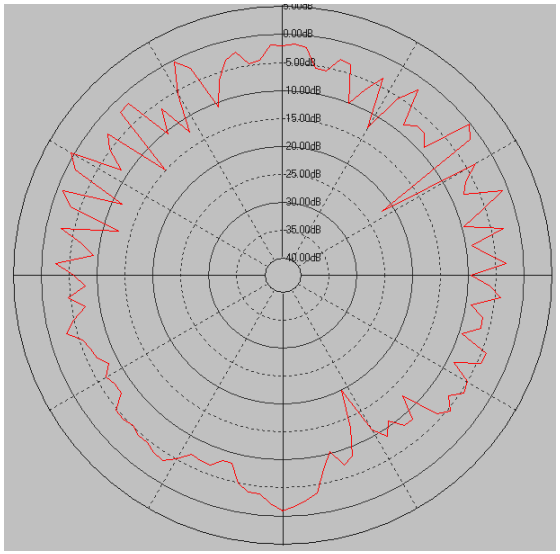


Theta = 90 deg

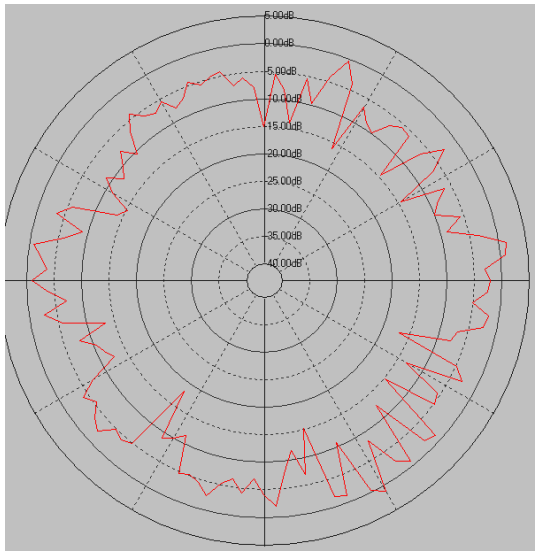


Radiation Pattern : 5 GHz Band ; F = 5800 MHz

Phi = 0 deg



Phi = 90 deg



Theta = 90 deg