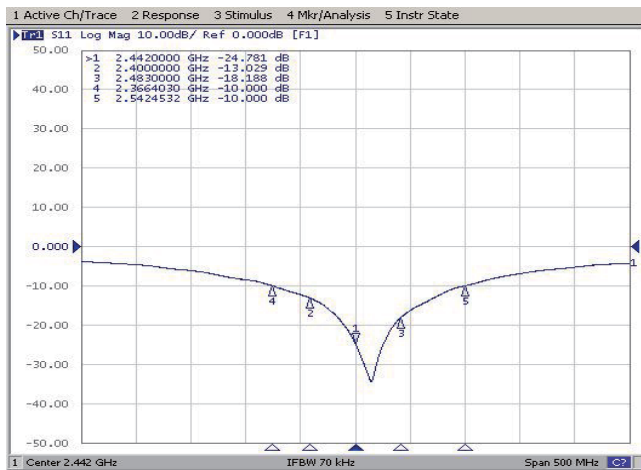


Electrical Table

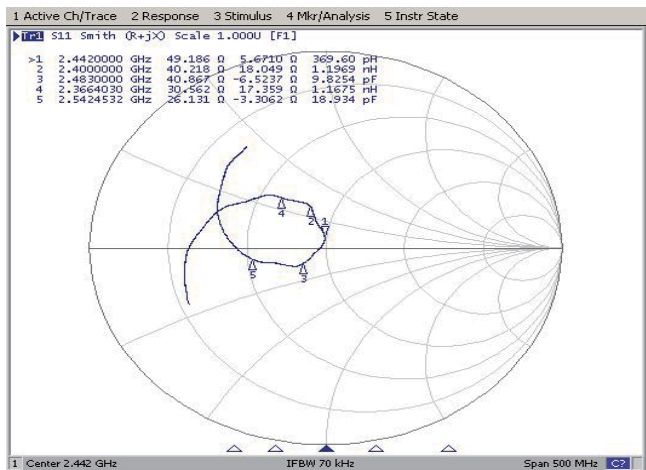
Characteristics		Specifications	Unit
Outline Dimensions			mm
Working Frequency		2400 ~ 2484	MHz
Bandwidth		140 (typical)	MHz
VSWR		2 Max. (typical)	
Characteristic Impedance		50	Ω
Polarization		Linear Polarization	
Peak Gain	(@2442 MHz)	3.8 (typical)	dBi
Efficiency		65 (typical)	%

Return Loss & Smith Chart

Return Loss (S_{11})



Smith Chart (S_{11})

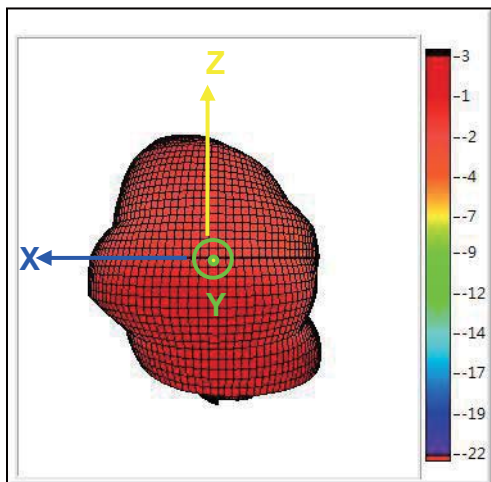
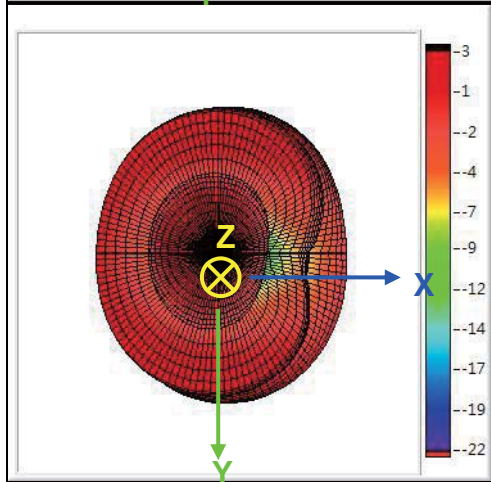
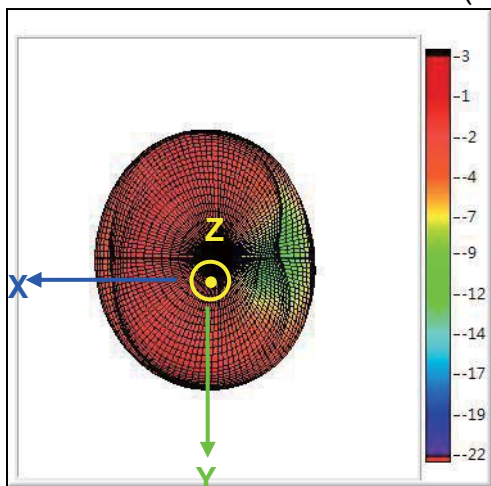


Antenna picture



Radiation Pattern (with 100 x 50 mm² Evaluation Board)

3D Gain Pattern @ 2442 MHz (unit: dBi)



3D Efficiency Table

Frequency(MHz)	2400	2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462	2467	2472	2484
Efficiency(dB)	-2.3	-2.0	-2.0	-2.0	-1.9	-1.9	-1.9	-1.8	-2.0	-2.0	-2.0	-1.8	-1.9	-2.0	-2.3
Efficiency (%)	59.3	62.4	63.4	63.8	64.4	65.3	65.2	65.5	63.5	63.1	63.7	65.5	65.0	63.1	59.0
Peak Gain (dBi)	2.8	3.1	3.3	3.4	3.5	3.5	3.5	3.5	3.4	3.3	3.5	3.8	3.8	3.7	3.5

3D Efficiency vs. Frequency

