



Technologies Corporation

Intermec Radio Group Antenna Measurement System

Manufacturer: Intermec

Model No: Laird WLAN antenna

Serial No: Preliminary DATA WLAN Only i70

Operator: Paul Hulett

Comments: PRELIMINARY ONLY

Test Method: Two-Axis Dual-Polarization Pattern Measurement

Type: PIFA

Summary Page

Total	Frequency (MHz)	2400	2425	2450	2475	2500	
	Peak Gain (dBi)	2.60174	3.33053	2.98132	2.81985	3.06949	
	Average Gain (dBi)	-3.80681	-3.74704	-2.932	-2.95385	-2.70769	

Preliminary DATA Only

Total	Frequency (MHz)	4900	4925	4850	4975	5000	5025
	Peak Gain (dBi)	1.34285	2.07157	0.973087	1.2018	1.50846	1.59464
	Average Gain (dBi)	-3.43438	-3.34399	-3.81527	-4.18256	-3.71675	-3.36947

Preliminary DATA Only

Total	Frequency (MHz)	5050	5075	5100	5200	5300	5400
	Peak Gain (dBi)	2.03741	1.68635	1.24193	2.18986	1.69032	3.17239
	Average Gain (dBi)	-3.00522	-3.17851	-3.50148	-2.63863	-3.14503	-2.56016

Preliminary DATA Only

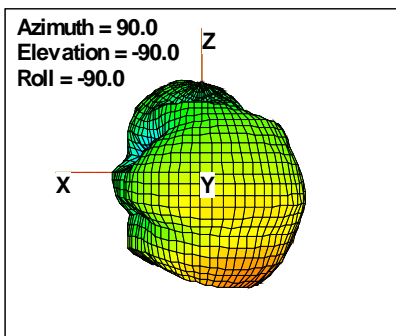
Total	Frequency (MHz)	5500	5600	5700	5825		
	Peak Gain (dBi)	3.63567	2.80055	1.78157	1.36159		
	Average Gain (dBi)	-2.12873	-2.57171	-3.21599	-4.36529		

Preliminary DATA Only

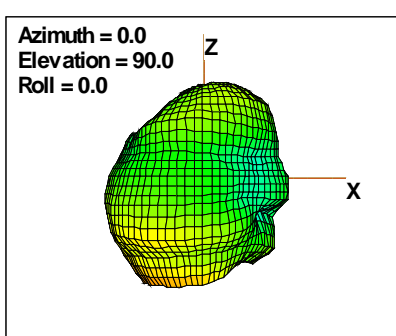


WAN Free-Space Total EIRP, 2400MHz

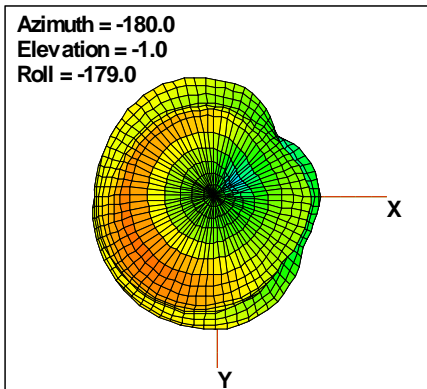
Total EIRP, Right Side View



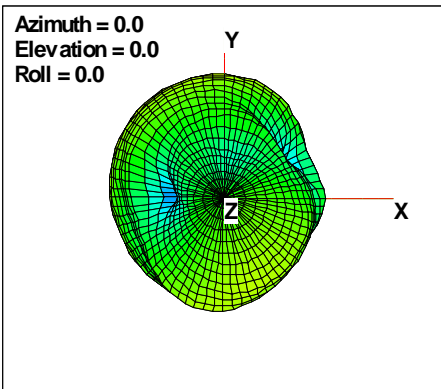
Total EIRP, Left Side View



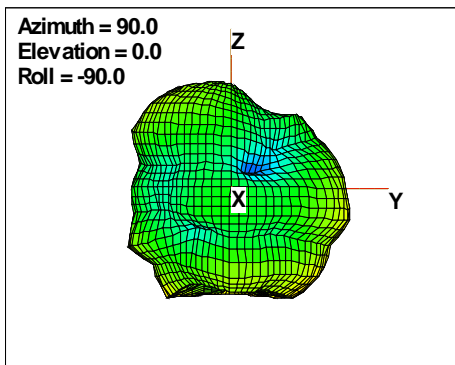
Total EIRP, Bottom View



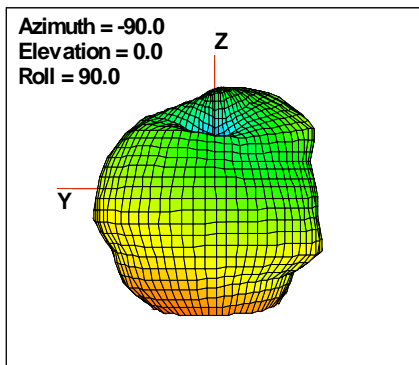
Total EIRP, Top View



Total EIRP, Front Face View



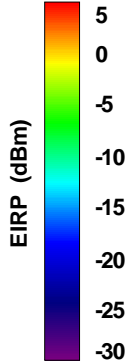
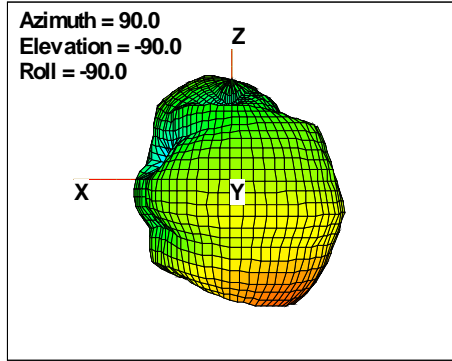
Total EIRP, Back Face View



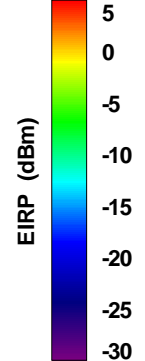
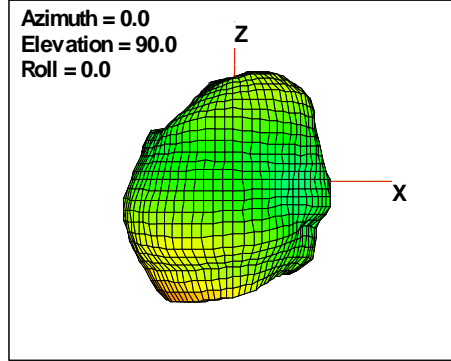
Preliminary DATA Only

WAN Free-Space Total EIRP, 2425MHz

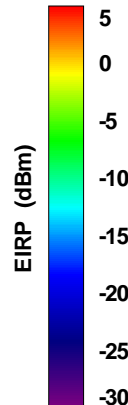
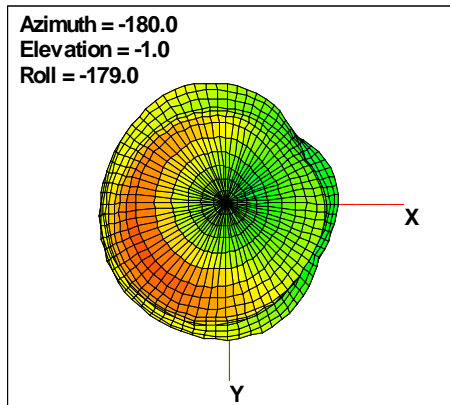
Total EIRP, Right Side View



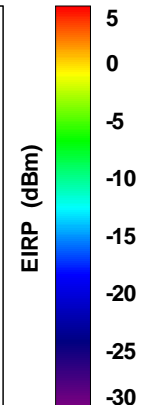
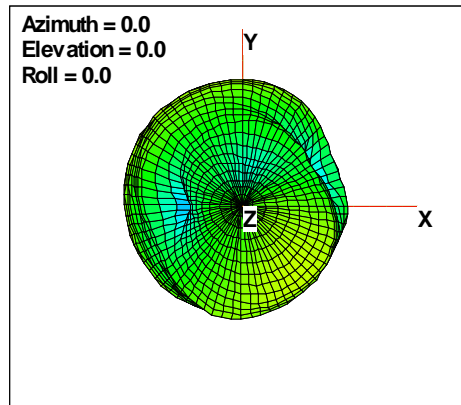
Total EIRP, Left Side View



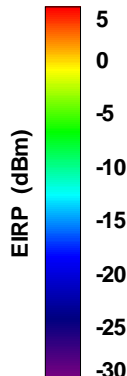
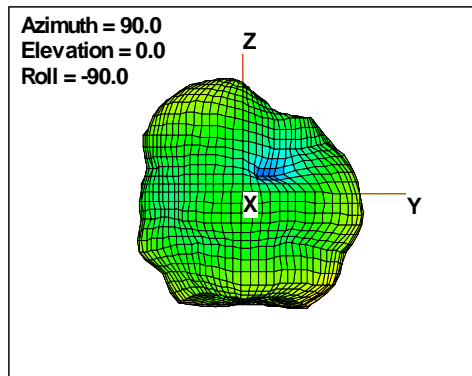
Total EIRP, Bottom View



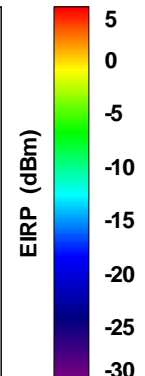
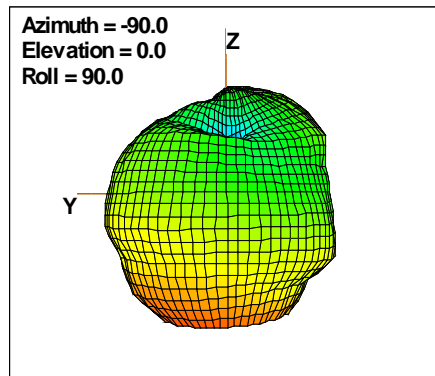
Total EIRP, Top View



Total EIRP, Front Face View



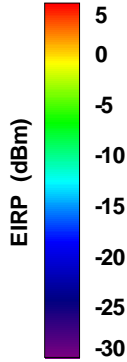
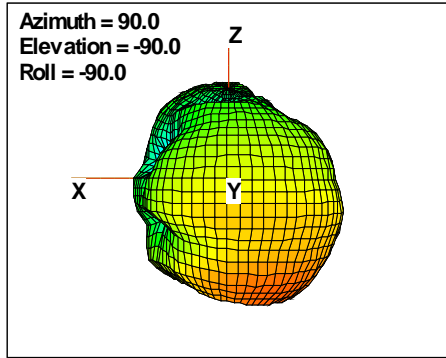
Total EIRP, Back Face View



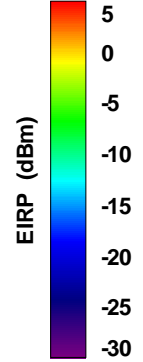
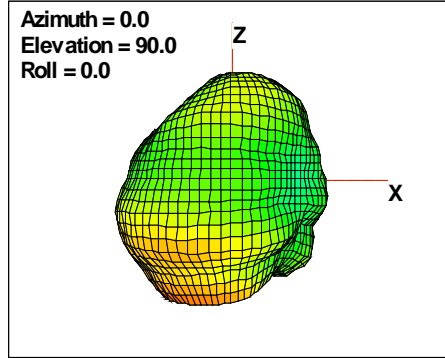
Preliminary DATA Only

WAN Free-Space Total EIRP, 2450MHz

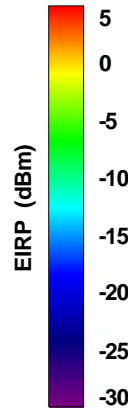
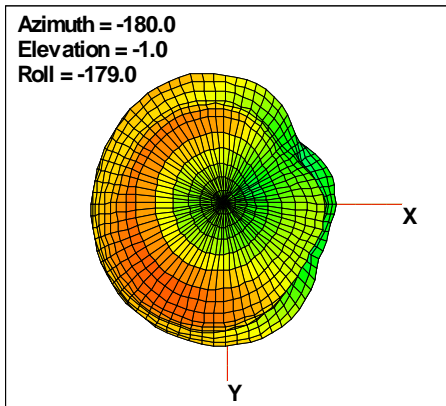
Total EIRP, Right Side View



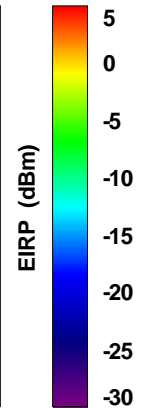
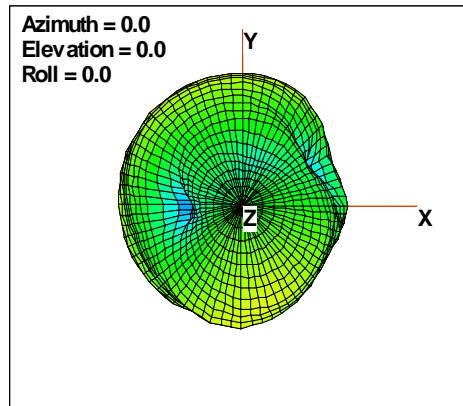
Total EIRP, Left Side View



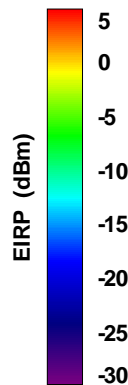
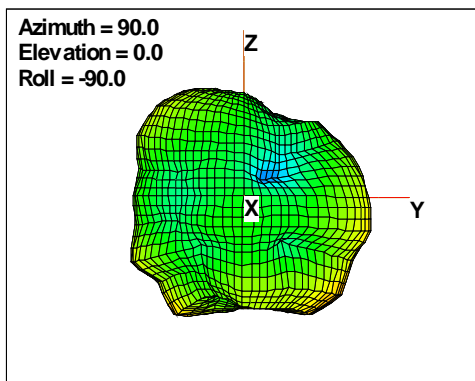
Total EIRP, Bottom View



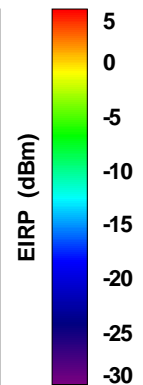
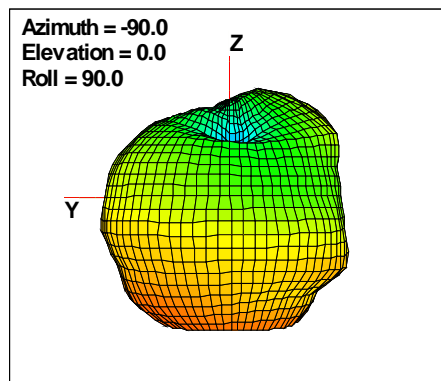
Total EIRP, Top View



Total EIRP, Front Face View



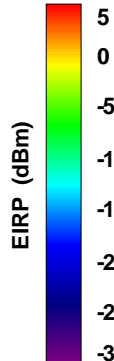
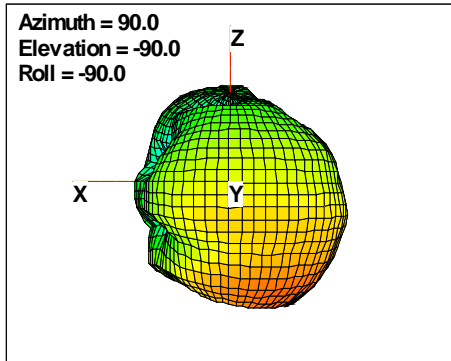
Total EIRP, Back Face View



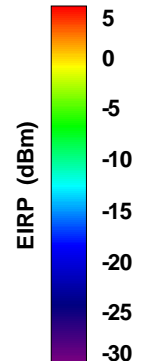
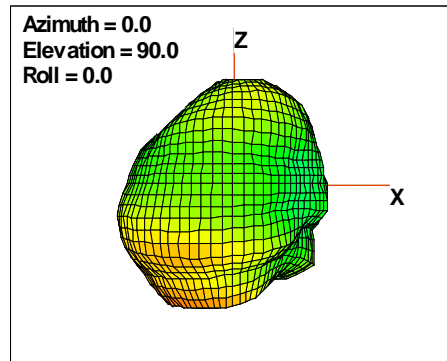
Preliminary DATA Only

WAN Free-Space Total EIRP, 2475MHz

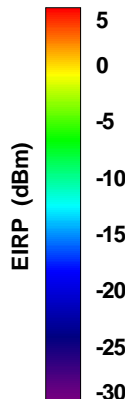
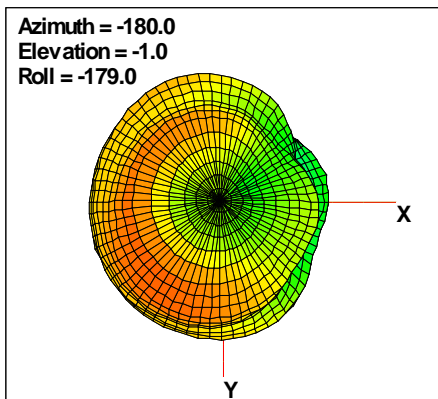
Total EIRP, Right Side View



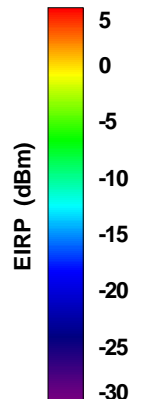
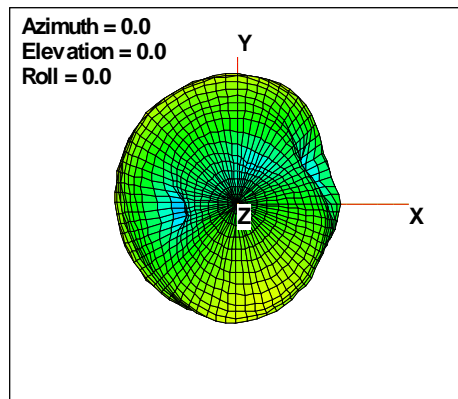
Total EIRP, Left Side View



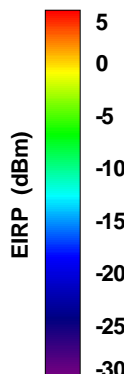
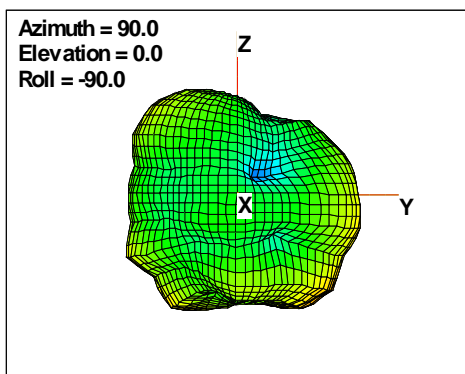
Total EIRP, Bottom View



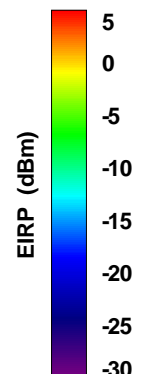
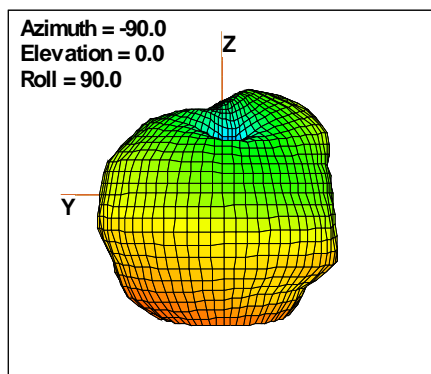
Total EIRP, Top View



Total EIRP, Front Face View

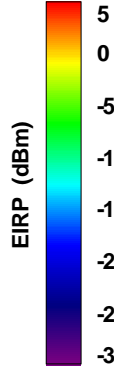
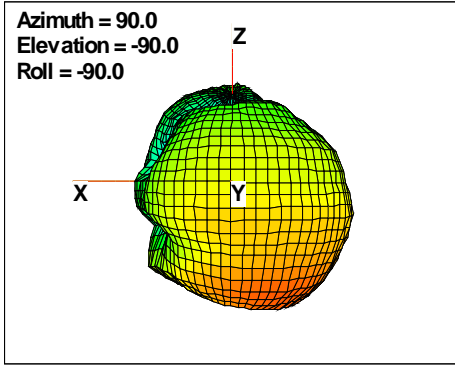


Total EIRP, Back Face View

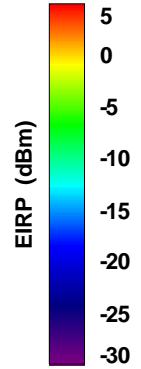
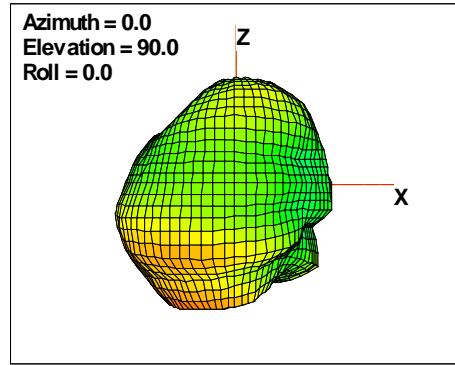


WAN Free-Space Total EIRP, 2500MHz

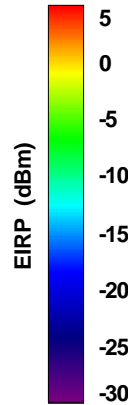
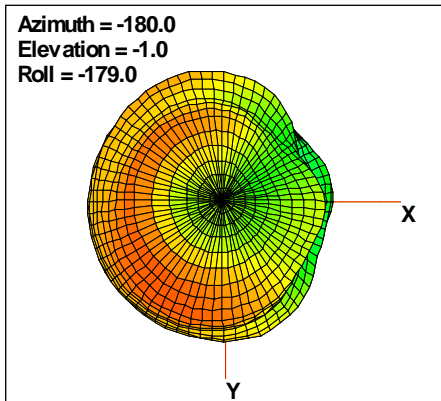
Total EIRP, Right Side View



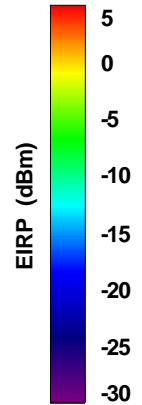
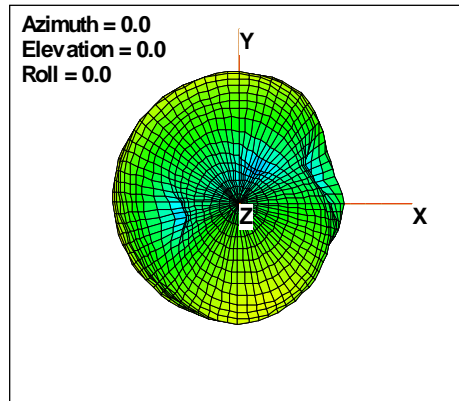
Total EIRP, Left Side View



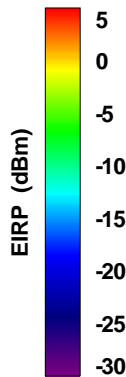
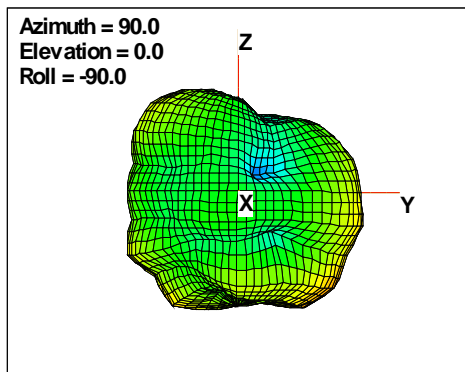
Total EIRP, Bottom View



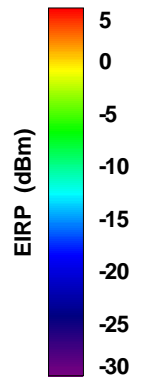
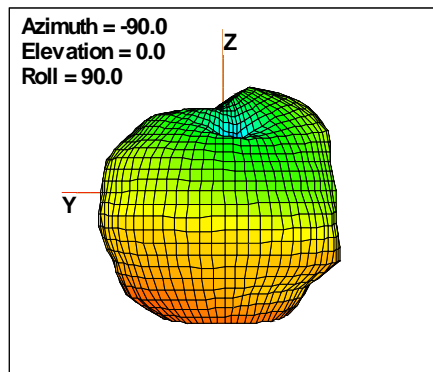
Total EIRP, Top View



Total EIRP, Front Face View



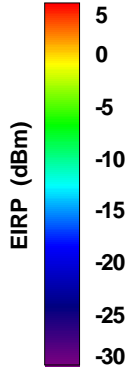
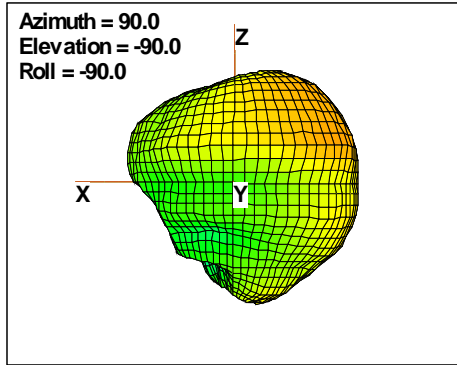
Total EIRP, Back Face View



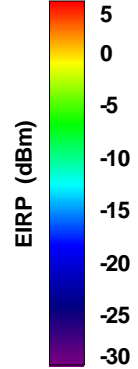
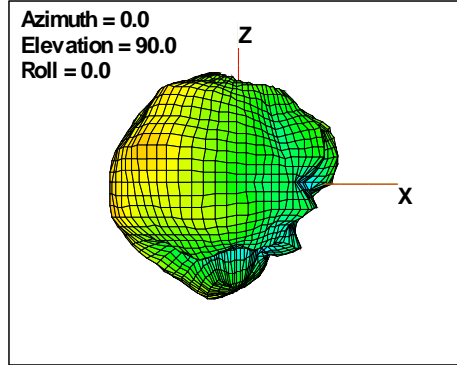
Preliminary DATA Only

WAN Free-Space Total EIRP, 4900MHz

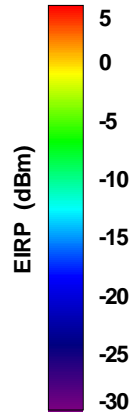
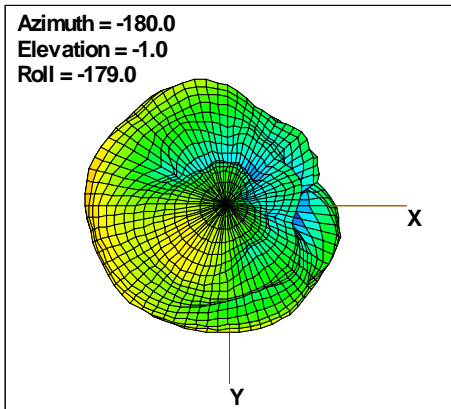
Total EIRP, Right Side View



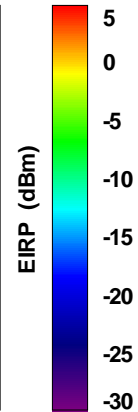
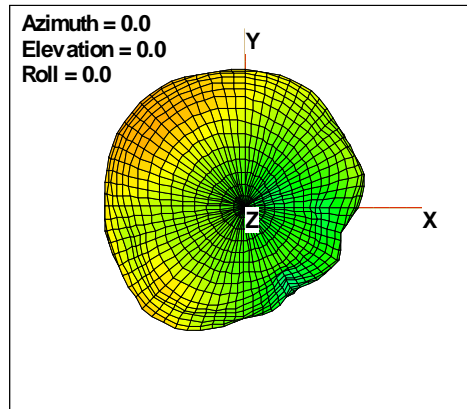
Total EIRP, Left Side View



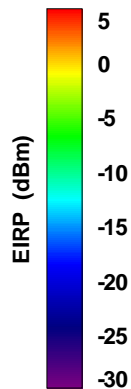
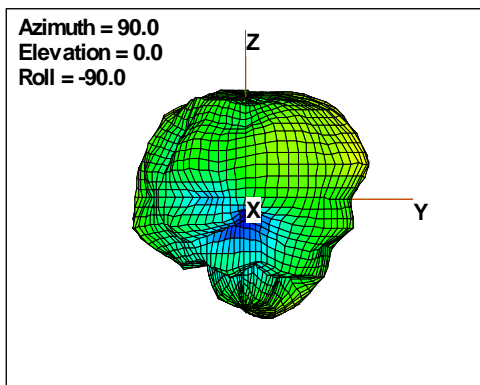
Total EIRP, Bottom View



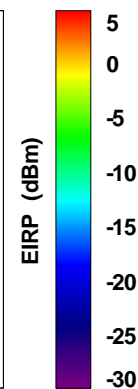
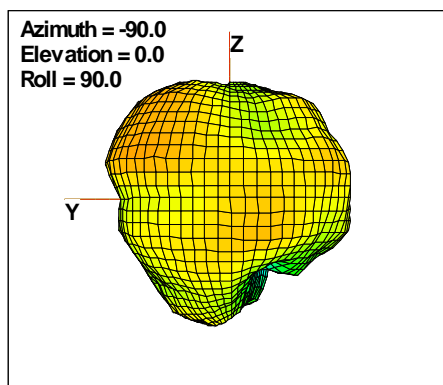
Total EIRP, Top View



Total EIRP, Front Face View



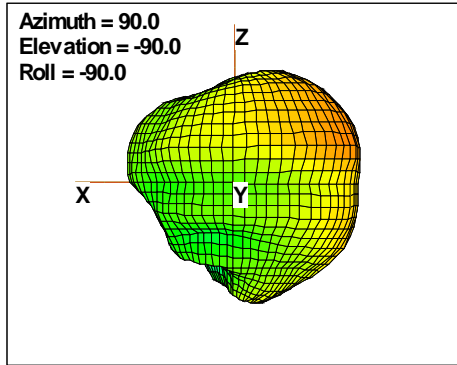
Total EIRP, Back Face View



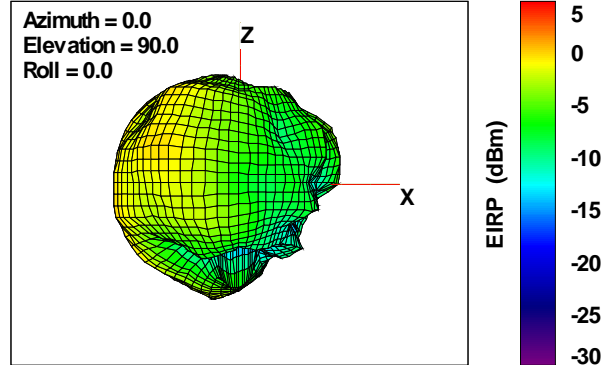
Preliminary DATA Only

WAN Free-Space Total EIRP, 4925MHz

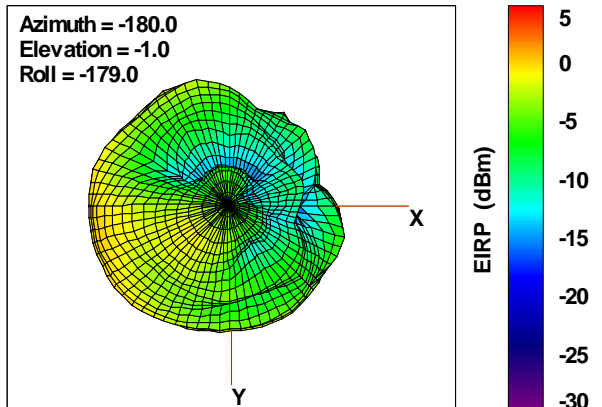
Total EIRP, Right Side View



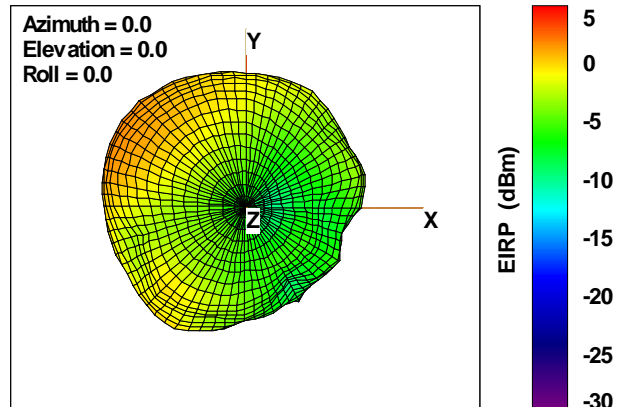
Total EIRP, Left Side View



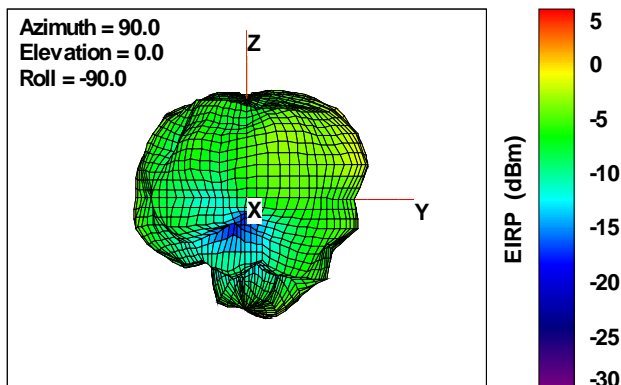
Total EIRP, Bottom View



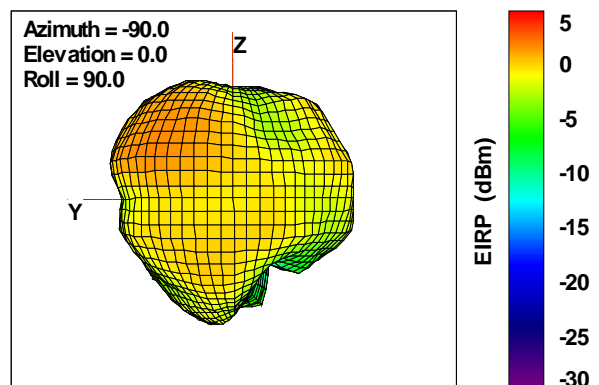
Total EIRP, Top View



Total EIRP, Front Face View



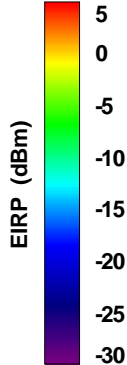
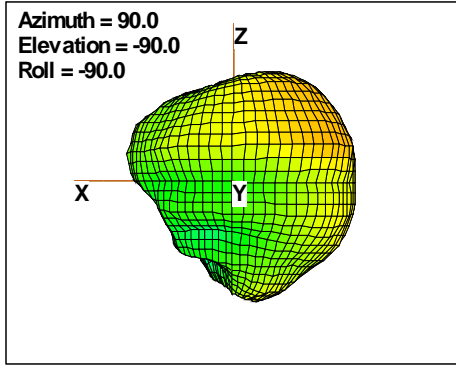
Total EIRP, Back Face View



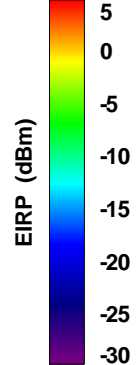
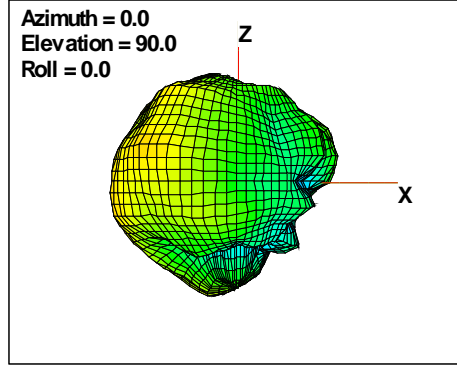
Preliminary DATA Only

WAN Free-Space Total EIRP, 4850MHz

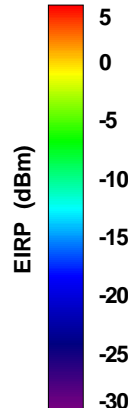
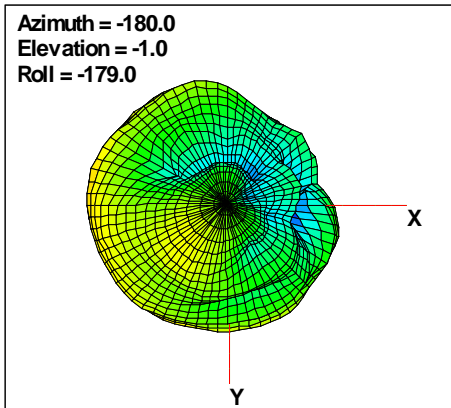
Total EIRP, Right Side View



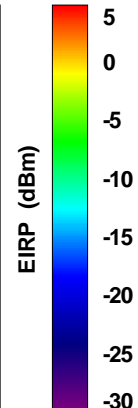
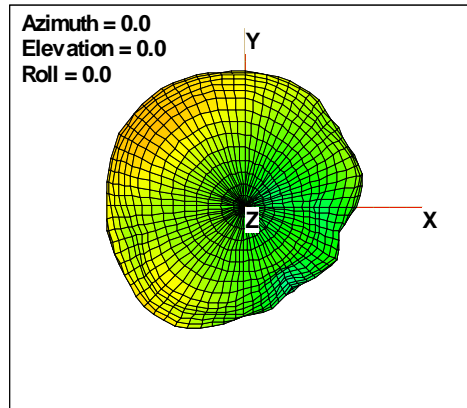
Total EIRP, Left Side View



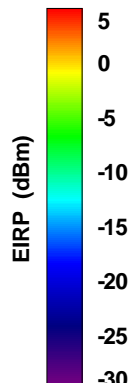
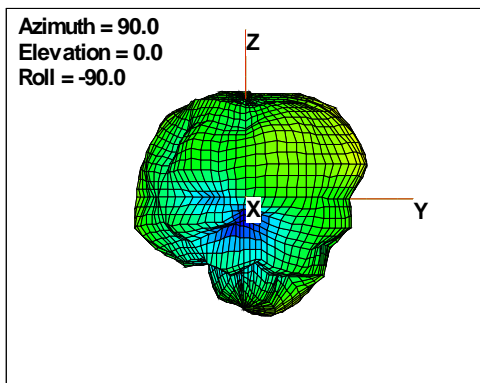
Total EIRP, Bottom View



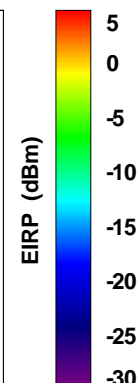
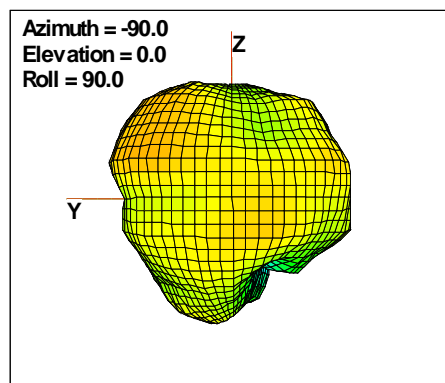
Total EIRP, Top View



Total EIRP, Front Face View



Total EIRP, Back Face View



Preliminary DATA Only