

Test Report

OTA Test Results for Frequency 868.000 MHz

OTA Evaluation Results:

Total Radiated Power	-3.25 dBm
Peak EIRP	1.73 dBm
Directivity	4.98 dBi
Efficiency	-3.25 dB
Efficiency	47.34 %
Gain	1.73 dBi
NHPRP 45°	-5.10 dBm
NHPRP 45° / TRP	-1.86 dB
NHPRP 45° / TRP	65.23 %
NHPRP 30°	-6.89 dBm
NHPRP 30° / TRP	-3.64 dB
NHPRP 30° / TRP	43.27 %
NHPRP 22.5°	-8.14 dBm
NHPRP 22.5° / TRP	-4.89 dB
NHPRP 22.5° / TRP	32.42 %
UHRP	-5.58 dBm
UHRP / TRP	-2.34 dB
UHRP / TRP	58.38 %
LHRP	-7.05 dBm
LHRP / TRP	-3.81 dB
LHRP / TRP	41.62 %
Front/Back Ratio	3.47
PhiBW	154.5 deg
PhiBW Up	56.9 deg
PhiBW Down	97.5 deg
ThetaBW	79.4 deg
ThetaBW Up	49.4 deg
ThetaBW Down	30.0 deg
Boresight Phi	315 deg
Boresight Theta	30 deg
Maximum Power	1.73 dBm
Minimum Power	-10.56 dBm
Average Power	-2.71 dBm
Max/Min Ratio	12.28 dB
Max/Avg Ratio	4.44 dB
Min/Avg Ratio	-7.85 dB
Best Single Value	0.77 dBm
Best Position	Phi = 285 deg; Theta = 30 deg; Pol = Hor

RP_868.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.00	0.26	0.49	0.13	0.17	-0.83	-2.76	-3.05	-3.45	-3.61	-4.32	-5.29	-4.62	-3.21
15.00	0.13	0.08	-1.63	-1.13	-2.89	-4.91	-4.43	-4.32	-5.23	-4.17	-3.99	-4.13	-3.20
30.00	-0.07	-0.87	-3.99	-3.85	-6.08	-8.36	-6.00	-5.38	-6.40	-4.03	-2.65	-3.44	-3.63
45.00	-0.36	-2.12	-6.54	-8.03	-8.40	-8.66	-6.06	-4.86	-5.38	-3.24	-1.97	-3.19	-4.39
60.00	-0.75	-3.40	-7.54	-10.56	-6.87	-5.73	-4.78	-3.50	-3.67	-2.36	-2.06	-3.41	-5.35
75.00	-1.28	-4.49	-6.91	-7.61	-4.79	-3.92	-3.79	-2.69	-2.85	-1.67	-2.74	-3.64	-5.77
90.00	-2.03	-5.30	-6.08	-5.19	-3.69	-3.61	-3.82	-2.90	-2.89	-1.24	-3.33	-3.39	-5.32
105.00	-2.89	-5.73	-5.70	-4.01	-3.50	-4.35	-4.45	-3.74	-2.94	-0.91	-3.17	-2.94	-4.37
120.00	-3.51	-6.05	-5.72	-3.73	-3.71	-5.20	-4.93	-4.37	-2.34	-0.51	-2.36	-2.55	-3.56
135.00	-3.77	-6.14	-6.01	-3.94	-3.86	-4.94	-4.61	-3.99	-1.61	-0.31	-1.74	-2.45	-3.13
150.00	-3.49	-5.76	-6.17	-4.47	-4.08	-4.05	-3.98	-3.31	-1.59	-0.56	-1.58	-2.58	-3.04
165.00	-2.60	-4.67	-5.90	-5.21	-4.63	-3.66	-3.69	-2.90	-2.68	-1.47	-2.07	-2.72	-3.20
180.00	-1.61	-3.17	-4.98	-5.70	-5.44	-4.32	-3.98	-2.89	-4.77	-2.97	-2.93	-2.74	-3.28
195.00	-0.51	-1.60	-3.46	-4.97	-5.44	-6.02	-4.70	-3.34	-7.69	-4.99	-3.76	-2.74	-3.17
210.00	0.42	-0.29	-1.93	-3.27	-4.20	-7.16	-5.16	-4.04	-9.58	-6.58	-4.43	-2.86	-3.06
225.00	1.07	0.75	-0.61	-1.48	-2.56	-6.42	-5.13	-4.92	-9.97	-7.33	-5.04	-3.30	-3.01
240.00	1.30	1.25	0.19	-0.18	-1.47	-5.23	-4.98	-5.74	-9.90	-7.78	-5.89	-3.97	-3.09
255.00	1.20	1.34	0.64	0.49	-0.98	-4.56	-4.93	-6.47	-9.99	-8.41	-7.33	-4.92	-3.18
270.00	0.95	1.11	0.83	0.61	-0.94	-4.26	-4.77	-6.82	-9.57	-8.81	-8.60	-5.90	-3.33
285.00	0.61	0.69	1.10	0.48	-0.80	-3.43	-4.10	-6.32	-8.08	-8.27	-9.01	-6.65	-3.38
300.00	0.36	0.43	1.41	0.48	-0.24	-2.01	-3.09	-5.13	-6.24	-6.79	-8.54	-7.26	-3.41
315.00	0.27	0.50	1.73	0.75	0.44	-0.90	-2.17	-3.96	-4.70	-5.20	-7.80	-7.65	-3.50
330.00	0.23	0.74	1.72	1.11	0.77	-0.35	-1.86	-3.19	-3.70	-4.18	-7.47	-7.62	-3.49
345.00	0.24	0.88	1.24	1.10	0.47	-0.73	-2.10	-3.17	-3.32	-3.76	-6.95	-6.78	-3.27
360.00	0.27	0.70	0.49	0.54	-0.34	-2.05	-2.67	-3.23	-3.50	-4.11	-5.91	-5.46	-3.28

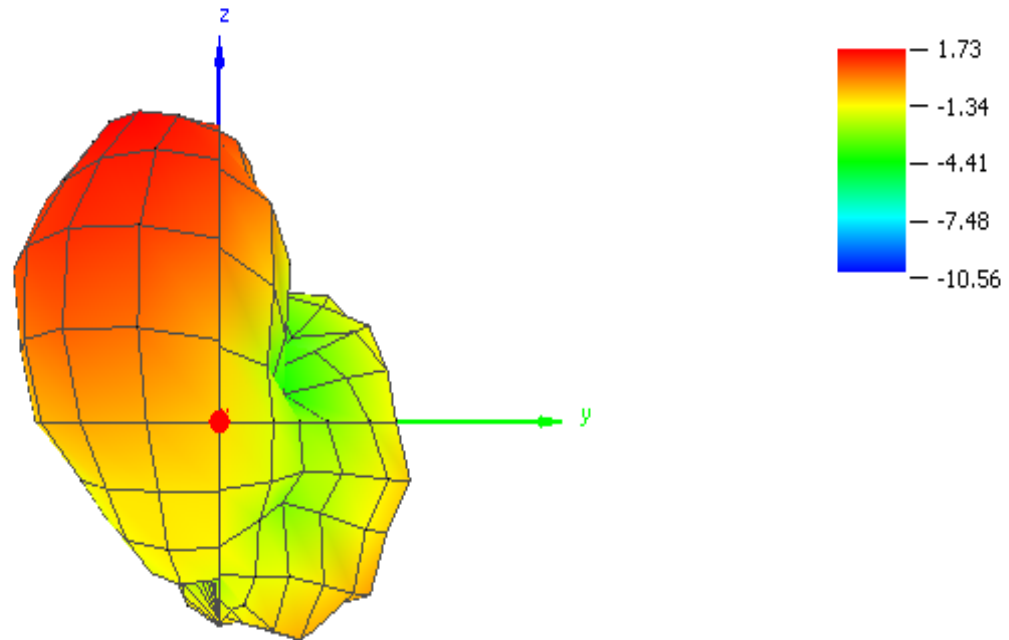
RP_868.000_hor

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-7.29	-9.28	-12.96	-15.53	-11.82	-9.29	-6.47	-4.82	-6.34	-5.65	-5.71	-7.78	-8.82
15.0	-6.04	-7.03	-12.36	-26.19	-13.61	-9.86	-6.20	-4.83	-6.32	-4.77	-5.36	-8.48	-10.39
30.0	-4.39	-5.53	-10.25	-22.53	-14.23	-9.70	-6.33	-5.48	-6.52	-4.44	-5.42	-10.16	-12.74
45.0	-3.07	-4.93	-9.68	-20.71	-13.13	-9.59	-6.79	-6.59	-7.05	-4.51	-6.28	-12.98	-15.02
60.0	-2.25	-5.12	-10.44	-16.36	-11.14	-9.46	-7.38	-7.62	-7.47	-4.49	-7.58	-13.31	-13.89
75.0	-1.98	-5.70	-11.47	-11.72	-8.91	-8.92	-7.55	-7.96	-7.02	-3.78	-7.93	-9.27	-10.18
90.0	-2.22	-6.32	-10.73	-8.35	-7.02	-8.10	-7.31	-7.37	-5.74	-2.59	-6.53	-5.95	-7.23
105.0	-3.04	-6.65	-8.85	-6.27	-5.74	-7.59	-6.96	-6.55	-4.41	-1.64	-5.12	-4.09	-5.18
120.0	-4.36	-7.03	-7.45	-5.17	-5.11	-7.32	-6.99	-6.44	-3.75	-1.32	-4.61	-3.44	-3.99
135.0	-6.65	-7.78	-6.83	-4.81	-4.85	-7.25	-7.45	-7.24	-4.10	-2.03	-5.43	-3.90	-3.60
150.0	-9.51	-8.70	-6.74	-4.94	-4.99	-7.22	-7.91	-9.08	-5.73	-3.83	-7.93	-5.30	-3.91
165.0	-10.98	-8.87	-6.94	-5.39	-5.24	-7.19	-7.83	-10.49	-9.45	-7.11	-13.52	-7.36	-4.98
180.0	-8.80	-7.62	-6.84	-5.84	-5.58	-7.27	-7.16	-9.35	-16.95	-11.77	-29.55	-8.78	-6.44
195.0	-5.75	-5.34	-6.00	-5.71	-5.73	-7.47	-6.34	-7.30	-19.50	-14.35	-13.81	-8.70	-7.77
210.0	-3.43	-3.31	-4.48	-4.76	-5.44	-7.43	-5.72	-6.20	-13.11	-11.84	-9.86	-7.96	-8.22
225.0	-1.90	-1.49	-2.58	-3.09	-4.34	-6.92	-5.33	-5.85	-10.77	-9.93	-8.50	-7.63	-7.57
240.0	-1.01	-0.35	-1.04	-1.46	-3.01	-5.96	-5.10	-6.18	-10.18	-9.46	-8.67	-7.93	-6.59
255.0	-0.60	0.35	0.16	-0.18	-1.76	-4.95	-4.95	-6.83	-10.38	-9.74	-9.96	-8.69	-5.65
270.0	-0.59	0.50	0.75	0.45	-1.07	-4.28	-4.97	-7.53	-10.81	-10.35	-11.71	-9.36	-5.05
285.0	-1.04	0.02	0.77	0.42	-1.01	-4.05	-5.19	-8.04	-11.38	-11.17	-12.97	-9.46	-4.66
300.0	-1.88	-1.12	0.09	-0.37	-1.58	-4.31	-5.55	-8.01	-11.61	-11.32	-12.89	-9.04	-4.57
315.0	-3.30	-3.22	-1.47	-2.07	-2.85	-5.09	-5.97	-7.45	-11.16	-10.59	-11.45	-8.38	-4.91
330.0	-5.18	-6.05	-3.92	-4.46	-4.70	-6.25	-6.33	-6.55	-9.73	-9.09	-9.59	-7.92	-5.67
345.0	-7.06	-9.25	-7.90	-8.53	-7.32	-7.82	-6.51	-6.03	-8.13	-7.25	-7.70	-7.67	-6.81
360.0	-7.61	-9.67	-12.59	-13.04	-10.44	-8.95	-6.41	-4.95	-6.93	-6.15	-6.27	-7.67	-8.38

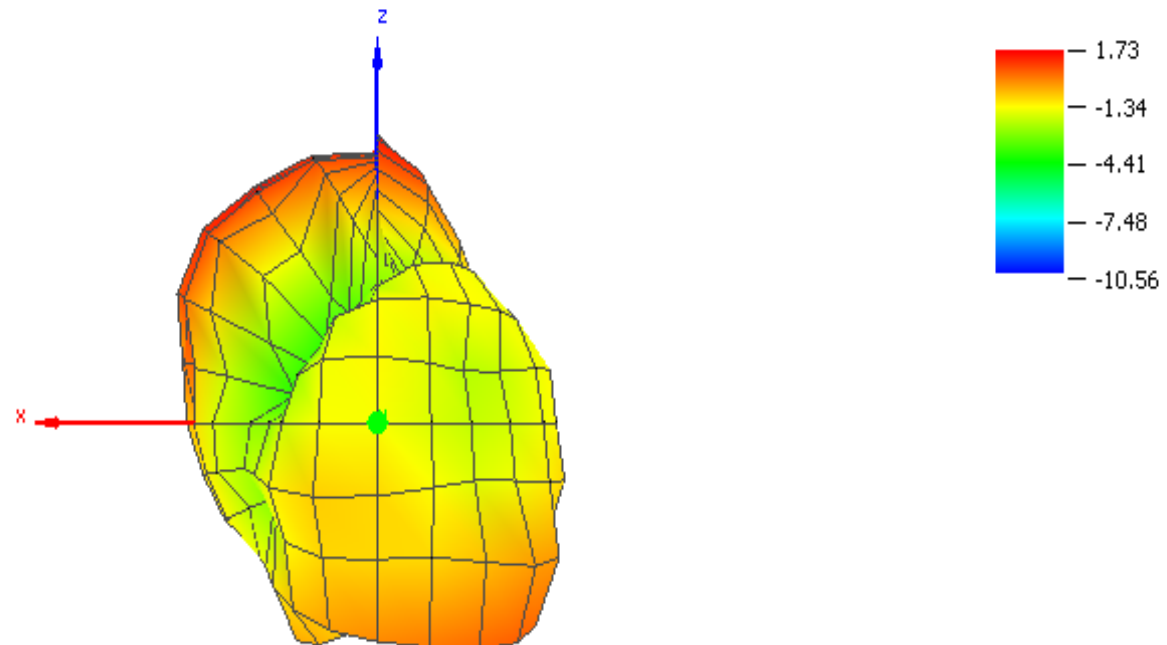
RP_868.000_ver

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-0.58	0.01	-0.09	0.05	-1.19	-3.85	-5.68	-9.14	-6.93	-10.09	-15.70	-7.48	-4.61
15.0	-1.07	-0.86	-2.01	-1.15	-3.27	-6.58	-9.18	-13.90	-11.75	-13.08	-9.65	-6.12	-4.11
30.0	-2.08	-2.69	-5.16	-3.91	-6.81	-14.13	-17.37	-22.12	-22.35	-14.44	-5.91	-4.48	-4.20
45.0	-3.70	-5.35	-9.43	-8.27	-10.18	-15.79	-14.17	-9.71	-10.34	-9.18	-3.99	-3.67	-4.79
60.0	-6.08	-8.24	-10.66	-11.88	-8.91	-8.12	-8.25	-5.63	-6.02	-6.47	-3.50	-3.88	-6.01
75.0	-9.55	-10.64	-8.78	-9.75	-6.92	-5.58	-6.17	-4.23	-4.95	-5.81	-4.31	-5.02	-7.72
90.0	-15.68	-12.08	-7.91	-8.05	-6.40	-5.51	-6.40	-4.82	-6.07	-6.98	-6.16	-6.90	-9.81
105.0	-17.56	-12.91	-8.58	-7.94	-7.45	-7.15	-8.04	-6.96	-8.36	-9.07	-7.60	-9.29	-12.07
120.0	-10.98	-13.00	-10.55	-9.22	-9.32	-9.33	-9.15	-8.58	-7.91	-8.22	-6.28	-9.86	-13.79
135.0	-6.91	-11.15	-13.66	-11.39	-10.73	-8.77	-7.80	-6.77	-5.21	-5.15	-4.16	-7.91	-12.95
150.0	-4.73	-8.84	-15.30	-14.40	-11.33	-6.91	-6.23	-4.64	-3.70	-3.32	-2.73	-5.89	-10.41
165.0	-3.29	-6.75	-12.63	-19.25	-13.45	-6.20	-5.80	-3.72	-3.70	-2.85	-2.40	-4.55	-7.92
180.0	-2.52	-5.11	-9.56	-20.62	-20.55	-7.40	-6.82	-4.00	-5.04	-3.58	-2.93	-3.98	-6.16
195.0	-2.05	-3.98	-6.99	-13.00	-17.35	-11.47	-9.73	-5.56	-7.99	-5.52	-4.21	-4.02	-5.02
210.0	-1.89	-3.29	-5.46	-8.64	-10.22	-19.30	-14.34	-8.12	-12.12	-8.11	-5.89	-4.46	-4.64
225.0	-1.99	-3.21	-4.98	-6.58	-7.29	-16.07	-18.60	-12.08	-17.71	-10.78	-7.64	-5.30	-4.88
240.0	-2.55	-3.85	-5.87	-6.11	-6.69	-13.31	-20.61	-15.94	-21.95	-12.72	-9.14	-6.20	-5.66
255.0	-3.49	-5.58	-9.18	-7.91	-8.82	-15.23	-28.19	-17.49	-20.70	-14.20	-10.74	-7.28	-6.81
270.0	-4.29	-7.69	-16.71	-13.82	-16.06	-28.21	-18.20	-15.06	-15.62	-14.07	-11.51	-8.50	-8.18
285.0	-4.40	-7.76	-10.25	-17.74	-14.12	-12.20	-10.63	-11.17	-10.81	-11.39	-11.25	-9.87	-9.31
300.0	-3.59	-4.79	-4.41	-6.99	-6.01	-5.87	-6.73	-8.27	-7.73	-8.68	-10.53	-12.01	-9.72
315.0	-2.25	-1.90	-1.10	-2.46	-2.32	-2.98	-4.52	-6.54	-5.81	-6.69	-10.25	-15.75	-9.06
330.0	-1.25	-0.28	0.33	-0.31	-0.68	-1.64	-3.78	-5.88	-4.94	-5.87	-11.59	-19.42	-7.53
345.0	-0.65	0.44	0.67	0.60	-0.31	-1.67	-4.05	-6.34	-5.06	-6.34	-14.96	-14.10	-5.81
360.0	-0.50	0.28	0.27	0.35	-0.79	-3.04	-5.05	-8.08	-6.12	-8.36	-16.97	-9.46	-4.89

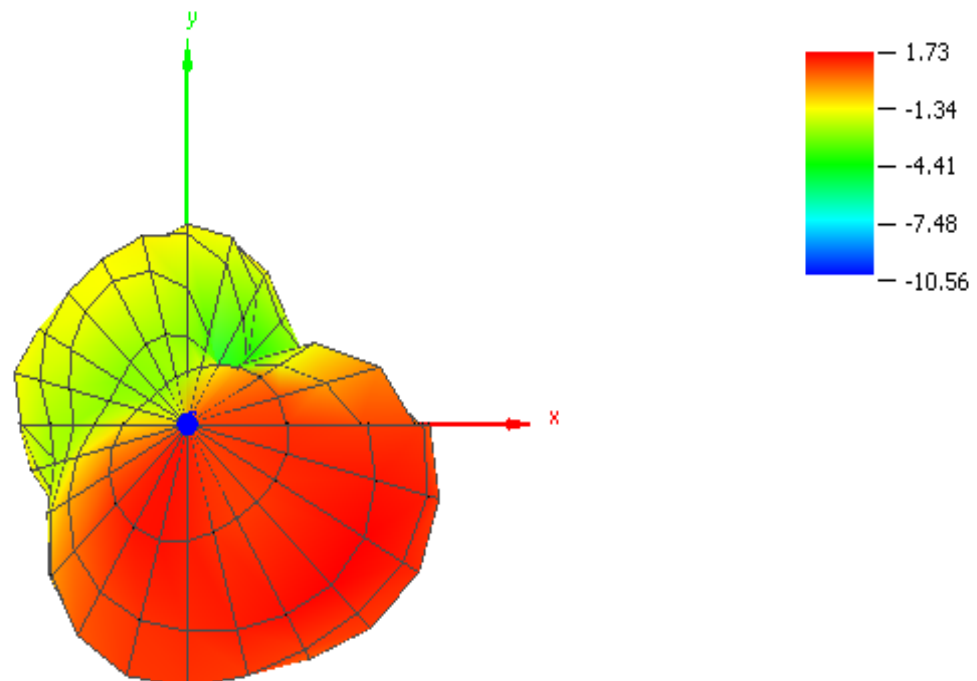
Theta = 90, Phi = 0



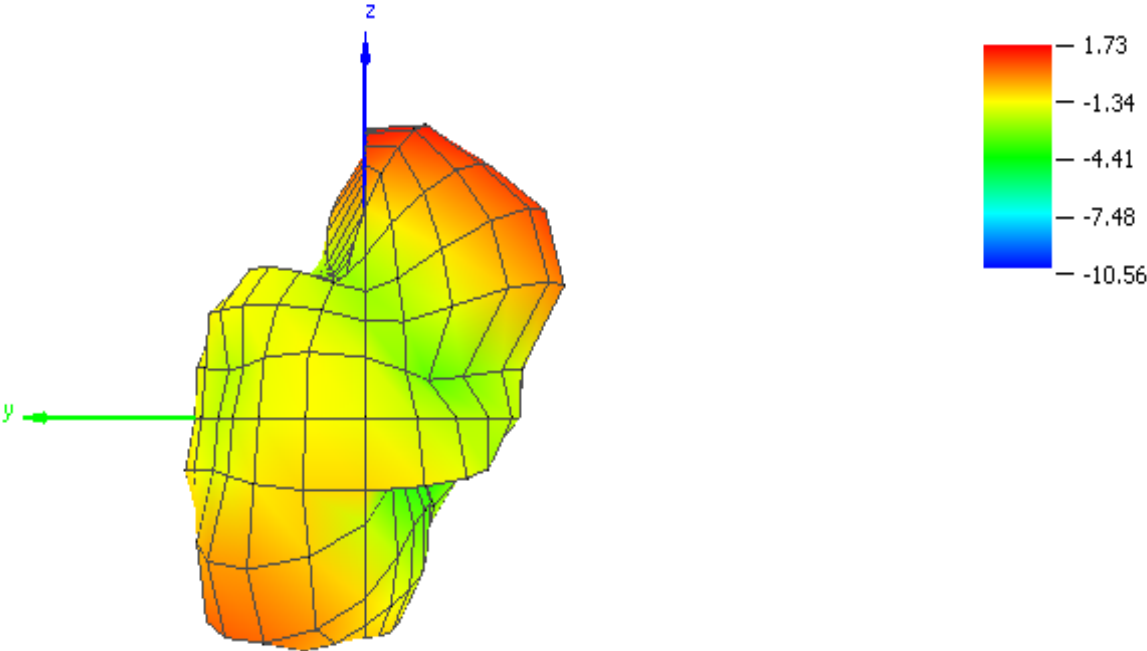
Theta = 90, Phi = 90



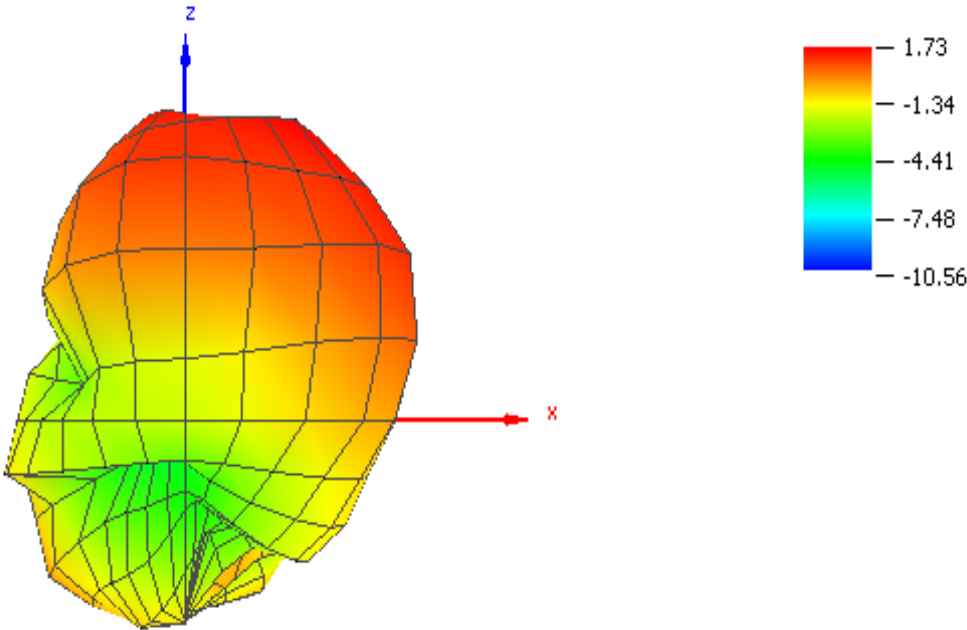
Theta = 0, Phi = 0



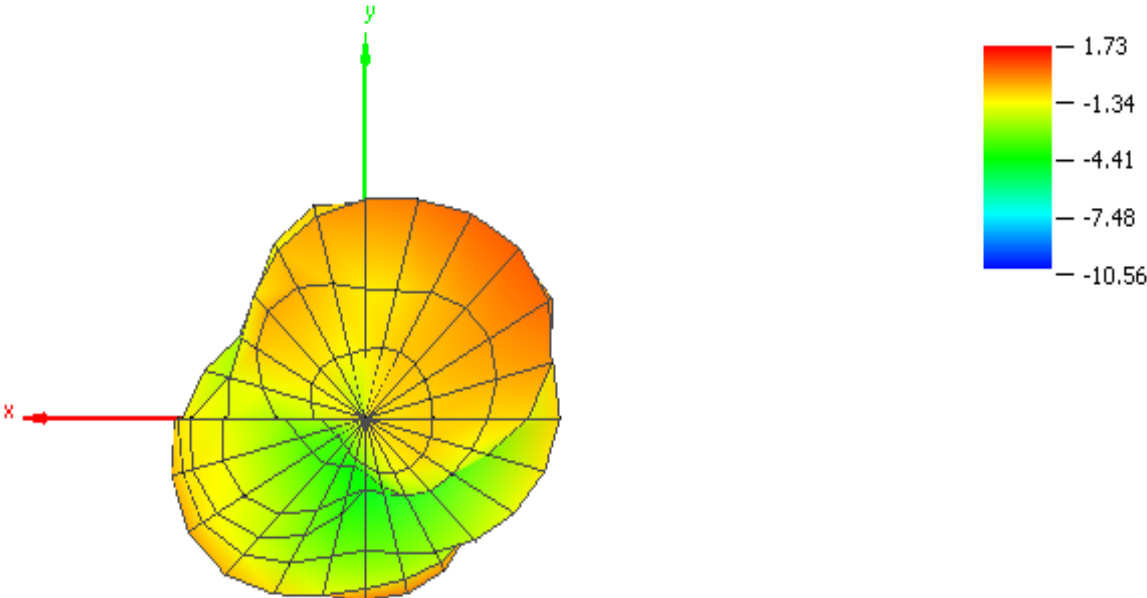
Theta = 90, Phi = 180



Theta = 90, Phi = 270



Theta = 180, Phi = 0



OTA Test Results for Frequency 915.000 MHz

OTA Evaluation Results:

Total Radiated Power	-3.20 dBm
Peak EIRP	1.65 dBm
Directivity	4.85 dBi
Efficiency	-3.20 dB
Efficiency	47.81 %
Gain	1.65 dBi
NHPRP 45°	-5.28 dBm
NHPRP 45° / TRP	-2.07 dB
NHPRP 45° / TRP	62.05 %
NHPRP 30°	-7.10 dBm
NHPRP 30° / TRP	-3.90 dB
NHPRP 30° / TRP	40.76 %
NHPRP 22.5°	-8.41 dBm
NHPRP 22.5° / TRP	-5.21 dB
NHPRP 22.5° / TRP	30.15 %
UHRP	-5.42 dBm
UHRP / TRP	-2.21 dB
UHRP / TRP	60.07 %
LHRP	-7.19 dBm
LHRP / TRP	-3.99 dB
LHRP / TRP	39.93 %
Front/Back Ratio	4.53
PhiBW	319.5 deg
PhiBW Up	225.7 deg
PhiBW Down	93.8 deg
ThetaBW	74.3 deg
ThetaBW Up	37.5 deg
ThetaBW Down	36.8 deg
Boresight Phi	240 deg
Boresight Theta	15 deg
Maximum Power	1.65 dBm
Minimum Power	-19.75 dBm
Average Power	-2.34 dBm
Max/Min Ratio	21.40 dB
Max/Avg Ratio	3.98 dB
Min/Avg Ratio	-17.41 dB
Best Single Value	1.19 dBm
Best Position	Phi = 270 deg; Theta = 30 deg; Pol = Hor

RP_915.000_tot

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.00	0.40	-0.14	-0.95	-0.84	-1.15	-1.96	-2.53	-4.51	-4.81	-7.02	-7.40	-4.08	-1.46
15.00	0.71	0.15	-1.66	-1.90	-2.57	-3.15	-4.38	-5.48	-6.38	-6.92	-5.85	-3.71	-1.80
30.00	0.95	0.39	-2.39	-4.03	-5.10	-5.26	-7.85	-7.32	-7.29	-6.45	-4.38	-3.28	-2.53
45.00	1.06	0.33	-2.87	-6.45	-7.62	-6.58	-10.23	-7.66	-6.00	-5.23	-3.73	-3.09	-3.39
60.00	1.00	0.08	-3.10	-6.85	-7.27	-5.68	-7.78	-6.29	-4.47	-3.89	-3.58	-2.88	-4.31
75.00	0.96	-0.37	-3.25	-5.05	-5.34	-4.49	-6.27	-5.44	-4.09	-2.95	-3.49	-2.56	-4.67
90.00	0.94	-0.91	-3.51	-3.46	-4.28	-4.24	-6.76	-5.60	-4.25	-2.03	-2.84	-1.94	-4.46
105.00	0.96	-1.34	-3.75	-2.82	-3.98	-4.73	-7.70	-5.65	-3.28	-1.09	-1.58	-1.31	-3.78
120.00	0.92	-1.56	-3.89	-2.93	-3.83	-4.69	-5.80	-4.03	-1.27	-0.08	-0.26	-0.77	-2.98
135.00	0.78	-1.57	-3.79	-3.28	-3.53	-3.51	-3.25	-2.01	0.24	0.68	0.52	-0.51	-2.43
150.00	0.73	-1.28	-3.36	-3.66	-3.37	-2.38	-1.92	-0.74	0.86	0.87	0.64	-0.58	-2.28
165.00	0.84	-0.67	-2.62	-3.84	-3.67	-2.12	-1.90	-0.52	0.48	0.34	0.01	-1.04	-2.51
180.00	1.19	0.12	-1.69	-3.59	-4.21	-2.84	-3.29	-1.38	-0.92	-1.05	-1.55	-1.71	-2.97
195.00	1.49	0.83	-0.78	-2.81	-4.12	-4.11	-5.80	-3.48	-3.32	-3.43	-3.73	-2.65	-3.43
210.00	1.61	1.34	-0.05	-1.66	-3.27	-4.74	-7.73	-6.98	-6.68	-7.04	-6.28	-3.61	-3.72
225.00	1.40	1.63	0.44	-0.74	-2.56	-4.27	-7.65	-10.62	-10.25	-11.86	-8.50	-4.71	-3.77
240.00	0.99	1.65	0.78	-0.22	-2.48	-4.21	-8.42	-11.96	-13.79	-15.36	-9.97	-5.80	-3.73
255.00	0.40	1.53	1.04	-0.04	-2.70	-5.07	-11.51	-13.16	-19.75	-14.98	-10.68	-6.71	-3.55
270.00	-0.08	1.21	1.23	-0.08	-2.67	-5.71	-11.71	-12.70	-18.94	-14.23	-11.60	-7.31	-2.99
285.00	-0.36	0.85	1.35	-0.06	-2.07	-4.62	-6.97	-9.01	-11.14	-12.88	-12.42	-7.54	-2.32
300.00	-0.36	0.43	1.26	-0.01	-1.25	-2.74	-3.73	-6.16	-7.47	-10.45	-12.88	-7.22	-1.67
315.00	-0.15	-0.03	1.01	0.09	-0.62	-1.49	-2.03	-4.45	-5.45	-8.46	-12.44	-6.58	-1.17
330.00	-0.03	-0.43	0.50	0.18	-0.31	-0.77	-1.35	-3.65	-4.44	-7.13	-11.34	-5.91	-1.00
345.00	0.14	-0.48	-0.09	0.01	-0.41	-0.82	-1.50	-3.64	-4.19	-6.50	-9.86	-5.23	-1.05
360.00	0.27	-0.14	-0.76	-0.51	-0.95	-1.59	-2.15	-4.24	-4.46	-7.03	-7.87	-4.47	-1.39

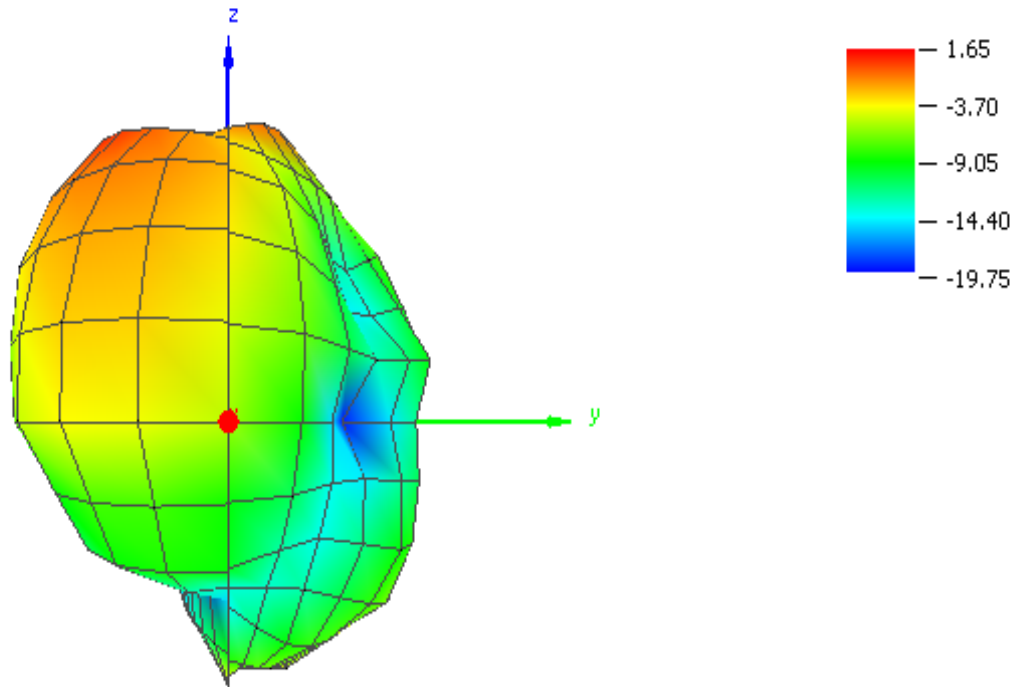
RP_915.000_hor

Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-9.00	-14.80	-22.18	-19.31	-14.20	-8.83	-9.31	-8.41	-9.02	-9.46	-7.81	-7.38	-7.96
15.0	-7.76	-10.18	-18.83	-26.10	-15.06	-8.54	-9.06	-7.78	-8.13	-7.48	-6.95	-7.83	-9.74
30.0	-4.85	-6.16	-11.37	-17.51	-14.82	-8.56	-9.54	-7.93	-7.74	-6.67	-6.86	-8.99	-11.92
45.0	-2.57	-4.01	-8.58	-15.31	-14.13	-8.87	-10.66	-8.50	-8.09	-6.78	-7.64	-9.66	-11.96
60.0	-0.91	-2.67	-7.37	-13.85	-12.88	-9.04	-12.14	-9.23	-8.78	-6.42	-7.82	-7.71	-9.70
75.0	0.08	-2.14	-7.00	-11.28	-10.91	-8.96	-13.40	-9.31	-8.22	-4.85	-5.91	-4.99	-7.29
90.0	0.55	-2.06	-6.66	-8.12	-8.80	-8.59	-14.09	-8.38	-6.20	-2.71	-3.50	-2.73	-5.33
105.0	0.47	-2.33	-6.04	-5.98	-7.00	-8.23	-14.14	-7.52	-4.54	-1.35	-2.02	-1.56	-4.09
120.0	-0.19	-2.82	-5.34	-4.88	-5.83	-7.77	-13.93	-7.34	-3.81	-1.00	-1.51	-1.28	-3.41
135.0	-1.44	-3.46	-4.79	-4.40	-5.23	-7.20	-13.21	-8.05	-4.22	-1.73	-2.00	-1.95	-3.40
150.0	-3.22	-4.05	-4.36	-4.24	-4.92	-6.52	-12.04	-9.73	-5.86	-3.72	-3.87	-3.71	-4.14
165.0	-4.99	-4.28	-3.97	-4.10	-4.74	-5.78	-10.34	-11.43	-9.16	-7.47	-7.36	-6.92	-5.89
180.0	-5.45	-3.87	-3.56	-3.83	-4.58	-5.16	-8.88	-11.63	-15.05	-14.46	-14.99	-12.18	-8.88
195.0	-4.38	-3.00	-2.92	-3.44	-4.43	-4.92	-8.25	-10.65	-18.06	-21.64	-23.85	-17.52	-13.41
210.0	-2.97	-1.93	-2.04	-2.74	-4.33	-4.96	-8.16	-10.29	-14.41	-15.00	-12.85	-12.40	-14.89
225.0	-1.95	-0.78	-0.96	-1.78	-3.98	-5.07	-8.88	-10.98	-13.79	-14.07	-10.32	-9.17	-10.07
240.0	-1.22	0.20	0.13	-0.83	-3.43	-5.18	-10.16	-12.71	-16.23	-16.10	-10.23	-7.87	-6.67
255.0	-0.77	0.82	0.90	-0.22	-2.94	-5.39	-11.98	-15.17	-22.28	-18.56	-11.35	-7.57	-4.55
270.0	-0.53	1.02	1.19	-0.19	-2.87	-5.95	-14.11	-16.92	-27.33	-17.33	-13.21	-7.76	-3.16
285.0	-0.57	0.75	0.96	-0.66	-3.28	-6.77	-15.56	-17.88	-23.60	-16.46	-15.05	-8.22	-2.59
300.0	-0.95	-0.12	0.11	-1.77	-4.19	-7.80	-15.75	-17.66	-26.20	-18.08	-16.85	-8.39	-2.55
315.0	-1.75	-1.77	-1.44	-3.58	-5.83	-8.87	-14.57	-15.38	-25.30	-22.99	-17.15	-8.15	-2.94
330.0	-3.44	-4.61	-4.18	-6.25	-8.05	-9.42	-12.46	-12.37	-16.59	-19.87	-14.21	-7.79	-3.87
345.0	-5.97	-9.06	-8.42	-10.59	-10.87	-9.29	-10.81	-10.33	-12.25	-13.65	-10.95	-7.46	-5.28
360.0	-8.72	-13.23	-16.74	-15.76	-13.63	-8.96	-9.52	-8.87	-9.67	-10.57	-8.44	-7.43	-7.28

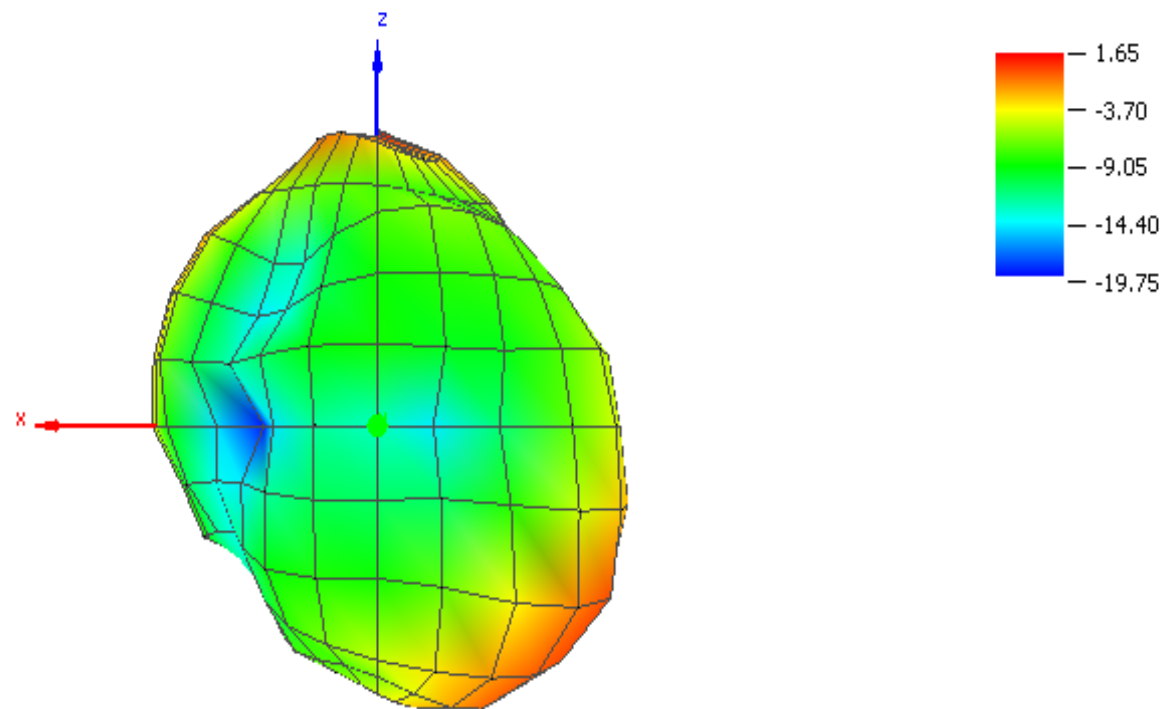
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Azimuth (deg)	Elevation 0 deg (dB)	Elevation 15 deg (dB)	Elevation 30 deg (dB)	Elevation 45 deg (dB)	Elevation 60 deg (dB)	Elevation 75 deg (dB)	Elevation 90 deg (dB)	Elevation 105 deg (dB)	Elevation 120 deg (dB)	Elevation 135 deg (dB)	Elevation 150 deg (dB)	Elevation 165 deg (dB)	Elevation 180 deg (dB)
0.0	-0.13	-0.29	-0.98	-0.90	-1.38	-2.96	-3.56	-6.79	-6.88	-10.70	-17.93	-6.82	-2.56
15.0	0.05	-0.27	-1.75	-1.92	-2.82	-4.64	-6.18	-9.35	-11.18	-16.08	-12.33	-5.84	-2.56
30.0	-0.37	-0.70	-2.98	-4.23	-5.59	-7.99	-12.76	-16.20	-17.39	-19.55	-7.99	-4.63	-3.06
45.0	-1.41	-1.66	-4.23	-7.06	-8.72	-10.44	-20.51	-15.21	-10.19	-10.44	-5.99	-4.17	-4.04
60.0	-3.48	-3.20	-5.13	-7.82	-8.66	-8.36	-9.76	-9.37	-6.48	-7.45	-5.63	-4.61	-5.80
75.0	-6.39	-5.13	-5.62	-6.23	-6.75	-6.41	-7.20	-7.73	-6.21	-7.46	-7.19	-6.23	-8.11
90.0	-9.72	-7.22	-6.38	-5.28	-6.18	-6.22	-7.65	-8.84	-8.67	-10.43	-11.39	-9.72	-11.86
105.0	-8.72	-8.26	-7.62	-5.69	-6.99	-7.30	-8.81	-10.21	-9.27	-13.49	-11.77	-13.94	-15.38
120.0	-5.55	-7.55	-9.36	-7.34	-8.17	-7.64	-6.53	-6.76	-4.82	-7.27	-6.29	-10.26	-13.29
135.0	-3.20	-6.09	-10.67	-9.71	-8.43	-5.93	-3.71	-3.26	-1.69	-3.02	-3.05	-5.99	-9.42
150.0	-1.51	-4.54	-10.23	-12.66	-8.59	-4.49	-2.36	-1.33	-0.18	-0.99	-1.26	-3.46	-6.85
165.0	-0.48	-3.16	-8.37	-16.15	-10.26	-4.57	-2.57	-0.88	-0.02	-0.45	-0.87	-2.33	-5.19
180.0	0.13	-2.09	-6.25	-16.20	-15.15	-6.67	-4.68	-1.81	-1.09	-1.26	-1.75	-2.12	-4.25
195.0	0.19	-1.50	-4.89	-11.48	-15.72	-11.80	-9.45	-4.41	-3.47	-3.50	-3.77	-2.79	-3.89
210.0	-0.25	-1.43	-4.38	-8.25	-9.91	-17.81	-17.95	-9.71	-7.48	-7.80	-7.37	-4.22	-4.06
225.0	-1.30	-2.09	-5.15	-7.47	-8.10	-12.03	-13.75	-21.65	-12.79	-15.85	-13.16	-6.64	-4.93
240.0	-3.01	-3.82	-7.79	-9.06	-9.55	-11.23	-13.22	-19.98	-17.45	-23.39	-22.27	-10.00	-6.81
255.0	-5.88	-6.66	-14.05	-13.80	-15.45	-16.61	-21.42	-17.47	-23.30	-17.48	-19.11	-14.17	-10.38
270.0	-10.19	-12.43	-19.21	-16.09	-16.25	-18.48	-15.44	-14.77	-19.62	-17.15	-16.67	-17.43	-17.16
285.0	-13.57	-15.55	-9.29	-8.92	-8.20	-8.70	-7.61	-9.61	-11.39	-15.39	-15.84	-15.89	-14.57
300.0	-9.32	-8.84	-5.06	-4.78	-4.32	-4.36	-4.02	-6.48	-7.52	-11.27	-15.11	-13.50	-9.04
315.0	-5.26	-4.85	-2.63	-2.34	-2.18	-2.37	-2.28	-4.81	-5.49	-8.61	-14.23	-11.75	-5.91
330.0	-2.67	-2.52	-1.31	-0.94	-1.11	-1.41	-1.70	-4.27	-4.72	-7.36	-14.48	-10.45	-4.15
345.0	-1.08	-1.13	-0.78	-0.39	-0.82	-1.48	-2.05	-4.68	-4.92	-7.43	-16.41	-9.20	-3.11
360.0	-0.32	-0.36	-0.87	-0.64	-1.19	-2.47	-3.03	-6.07	-6.02	-9.56	-16.98	-7.53	-2.68

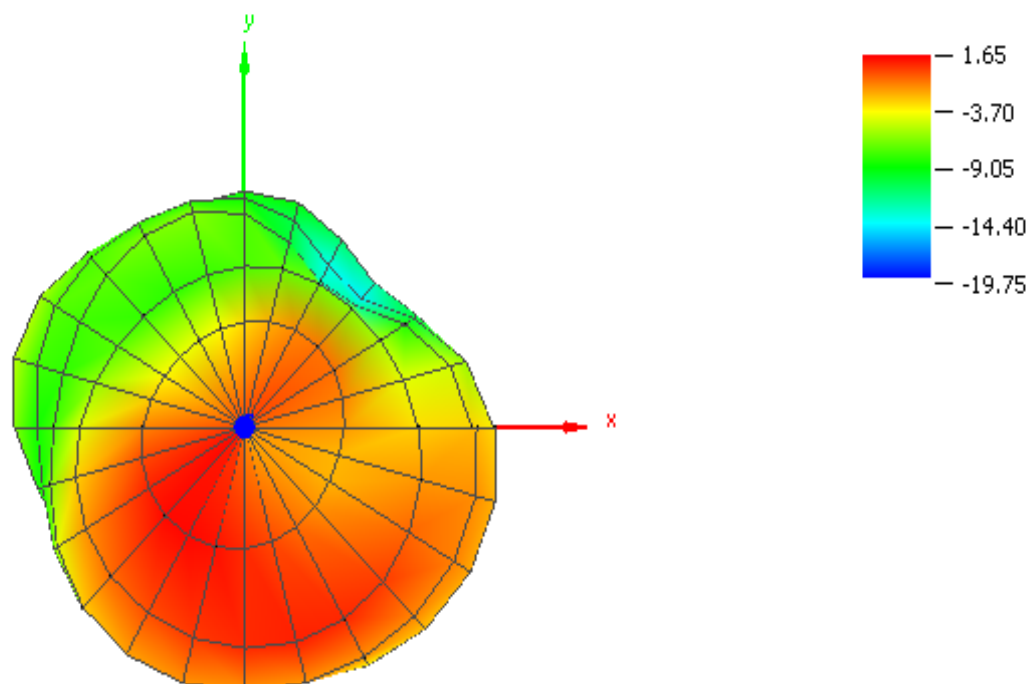
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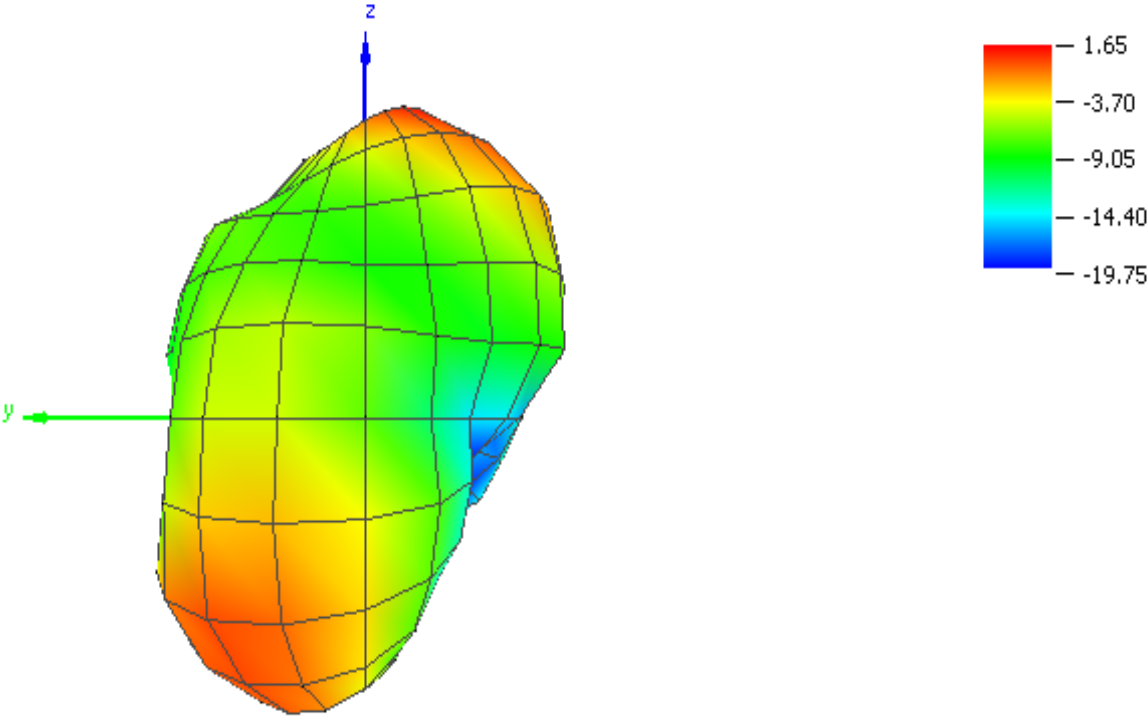
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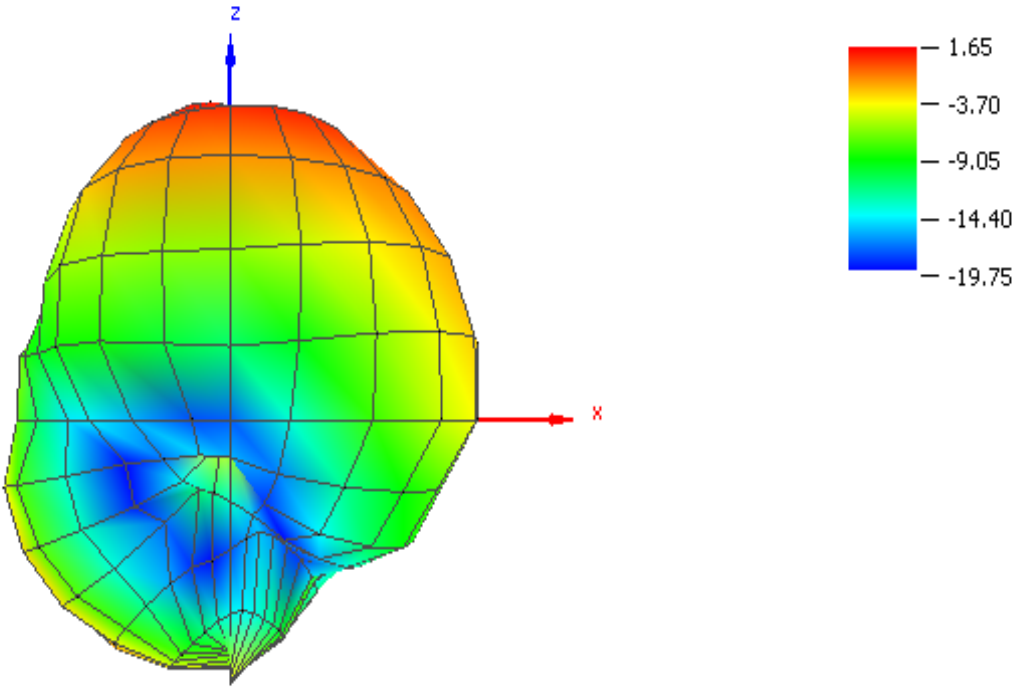
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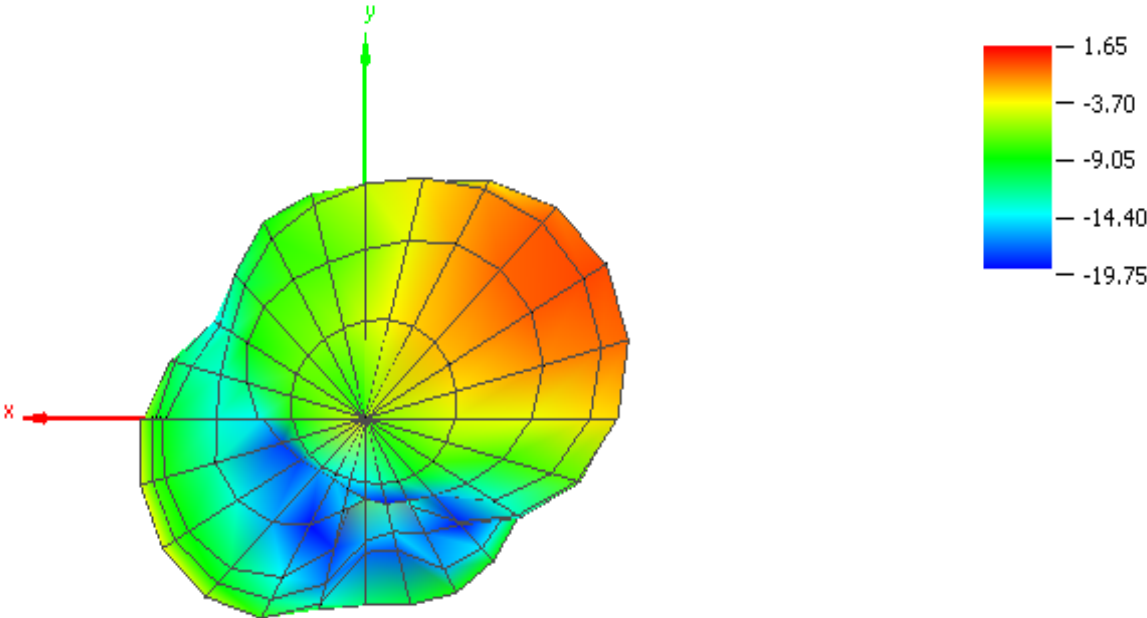
Theta = 90, Phi = 180



Theta = 90, Phi = 270



Theta = 180, Phi = 0



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